

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**279 E. Arrow Hwy, Suite 104**  
**San Dimas, CA 91773**  
**Phone (909) 599-3801**  
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**January 20, 2021**

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 11:11 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
Ms. April DeBarge	Southern California Edison
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Claudia Arellano	City of Vernon
Mr. John Bacon	City of Los Angeles – DWP
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
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. 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. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Ms. Bowie called the meeting to order at 11:11 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 November 2020 month's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder)** – Ms. Bowie asked the members if they were able to make the November 27<sup>th</sup>, 2020 deadline. She then asked Ms. Pranata for an answer

on this matter. Ms. Pranata informed the committee she received pricing from some members, but not all members. She then presented the Authorized Costs submission table for review. She explained the members highlighted in grey did not submit pricing. Ms. Bowie then asked if the committee typically moved forward with what they have at this point. Ms. Pranata informed her that the committee does move on with what they have at this point. Mr. Bacon asked if the members that did not submit pricing would be locked into last year's prices. Ms. Pranata explained they would use the weighted average pricing. Ms. Pranata then presented the 2021 Pole Prices weighted average table for review. This document was emailed to all members on January 13<sup>th</sup>, 2021. Ms. Pranata had a question regarding the Lightweight Steel pricing that was submitted by the City of Glendale. They only submitted one price for lightweight steel and since Ms. Pranata had never encountered this situation before, so she asked for committee guidance. Mr. Bacon feels they may have just taken the middle of the road approach. He then asked if there was a representative from the City of Glendale on the call. City of Glendale was not on the call, so Mr. Bacon instructed Ms. Pranata to reach out to the City of Glendale via email to confirm this was their intention. If the City of Glendale confirms this was intentional Mr. Bacon suggested the committee move forward with what they have. Ms. Pranata explained this would not be a problem, she just wanted to discuss this with the committee since it is unusual. Ms. Pranata then informed the committee that City of Glendale submitted pricing for wood poles but only submitted the one single price for lightweight steel poles. Mr. Bacon reiterated Ms. Pranata should notify City of Glendale via email to confirm this was intentional before moving forward. Ms. Pranata agreed to do so. Ms. Bowie then moved on to the submission of Pole Prices which shared the same due date as Authorized Costs, she asked Ms. Pranata for confirmation. Ms. Pranata agreed that was correct and then asked the committee if the pole prices were ready for her to send out to all members so they can vote on them in next month's Administrative Board Meeting. Mr. Bacon confirmed the pole prices should go out to all members. Ms. Pranata informed the committee she would not send them out until she hears back from the City of Glendale. Ms. Bowie then moved on to item 3.

**Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices)** – Ms. Pranata opened the Authorized Costs Matrix for review. Ms. Pranata informed the committee she did have a couple questions. She highlighted a few rows in pink because she did not receive pricing for these items, she needs to know if she should use last year's prices or just leave them blank. Examples are items 17D and 33C. The cells highlighted in yellow contain prices submitted by power companies when the item is marked for communication only, or there is pricing provided by communication when the row is marked for power only. Ms. Pranata would like to know if she should delete these prices or include them in the average. Mr. Bacon reviewed item 161A which is a communication item, the reason power uses this item is as a guard arm and this is in regard to GO95. If they need 6-foot clearance, they can reduce it to a 4-foot clearance with a guard arm single wood service. In this case the power company

would install a single 4-foot cross arm indicating that it is a guard arm. They would have to charge for this so this why they have pricing for items 161A and 161B whether it is a single arm, or a double guard arm the power company would still utilize these items. Mr. Brown explained that SCE has power as well as a communication side that would install guard arms. Mr. Bacon asked Ms. Pranata if she could send him this document in an email so he can review and clear up any questions regarding these highlighted items. He believes these are all items where communication and power cross paths and these are items that they would both have to install. Mr. Bacon then asked Ms. Pranata to pull up item 13A which is an item that is used to bill for clearing poles in state responsibility areas. He explained this is an item used by both companies to clear out dead brush and debris from around poles and anchors. Ms. Prescott asked Mr. Bacon if it the committee should change these items from power only to both. Mr. Bacon agreed that would be likely. Mr. Bacon then informed the committee he would review these offline so he is not tying up anymore meeting time, he informed Ms. Pranata he would add notes so the committee would know how to move forward with each item. Ms. Pranata informed him she would send him the excel version so he could add notes easily.

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

- Ms. Bowie informed the committee Ms. Pranata was to separate costs pending receipt from all members. She then asked Ms. Pranata if this would be included in her submissions to the members. Ms. Pranata explained that she has already completed this task and sent out the information to all members on January 13<sup>th</sup>, 2021, this information was also included in the meeting packet. Ms Pranata informed Mr. Bacon of the separate tab on the file which is ITEM1661 COMPARISON. Ms. Pranata then asked if Mr. Williams was online, but he was not. She explained the Mr. Williams wanted to analyze the numbers so the committee could decide whether they would combine power and communication or separate it. She explained the table show numbers for items 3, 4, 19, 20, and 110 as requested. Ms. Pranata went on to explain the spreadsheet in detail explaining the combined pricing for these items as well as the price difference. Mr. Bacon credited Ms. Pranata with a job well done and explained he would review these prices as well and get back to her. Ms. Bowie then asked Ms. Pranata if she had any other questions. Ms. Pranata asked the committee for clarification on whether they would continue to discuss agenda items 2,3, and 4 at the next meeting. Mr. Bacon answered yes, they would. Ms. Bowie then stated she thought they would be voting on these items since the pricing has been submitted. She then asked if further discussion was needed considering all members that were supposed to have submitted pricing have already done so. Ms. Pranata explained that once she gets answers to the highlighted cells she went over earlier; the committee can vote on it. Mr. Van Stryk then asked if it would be ok to ask Edison a question on their pricing for item 19. Mr. Van Stryk then asked Edison if they included any administrative costs that were set in on the same hole set/cut and kick, because their pricing is quite higher than the average. Mr. Brown explained they follow the guidelines

that were provided to them so no there is no administrative cost included. The administrative costs are in their escalation and he remembers it was not much at all. Mr. Brown explained he would take another look at it to see how the hourly rate associated with item 19 was broken down. Mr. Van Stryk expressed his appreciation for Mr. Brown looking into this item. 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 the time.

**Agenda Item 6 - Review of Action Items:**

- Members to review Authorized Costs matrix cells highlighted by Ms. Pranata.
- Mr. Bacon to review Authorized Costs spreadsheet as well as the 1661 COMPARISON tab and report back to Ms. Pranata with answers.

The meeting adjourned at 11:26 a.m.

The next meeting is scheduled for February 17, 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	<b>E</b> Edison	AC	I			AC	I			<b>E</b>
2	<b>FTR</b> Frontier Communications	AC	I			AC	I			<b>FTR</b>
3	<b>H</b> AT&T CA	AC	I			AC	I			<b>H</b>
4	<b>M</b> City of LA	AC	I			AC	I			<b>M</b>
5	<b>NG</b> Crown Castle NG West Inc.				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>NG</b>
6	<b>ATC</b> Verizon Wireless	AC		WA		AC		WA		<b>ATC</b>
7	<b>J</b> City of Riverside				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>J</b>
8	<b>D</b> City of Anaheim				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>D</b>
9	<b>TCA</b> Teleport Comm. America, LLC	AC		WA		AC		WA		<b>TCA</b>
10	<b>A</b> City of Glendale			WA				WA		<b>A</b>
11	<b>ATS</b> MCI Metro/ATS			WA						<b>ATS</b>
12	<b>B</b> City of Burbank	AC	I			AC	I			<b>B</b>
13	<b>MP</b> City of Pasadena		I				I			<b>MP</b>
14	<b>TWC</b> Time Warner Cable			WA				WA		<b>TWC</b>
15	<b>BVE</b> Bear Valley Electric	AC	I			AC	I			<b>BVE</b>
16	<b>LAC</b> AT&T Mobility	AC	I			AC	I			<b>LAC</b>
17	<b>NXT</b> XO Communications	AC		WA		AC		WA		<b>NXT</b>
18	<b>F</b> City of Colton				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>F</b>
19	<b>MA</b> City of Azusa		I		First time submitting Pole Prices					<b>MA</b>
20	<b>COB</b> City of Banning				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>COB</b>
21	<b>LLW</b> City of Lompoc	AC	I			AC	I			<b>LLW</b>
22	<b>MCI</b> MCI Telecomm			WA						<b>MCI</b>
23	<b>V</b> City of Vernon	AC	I			AC	I			<b>V</b>
24	<b>SPR</b> Sprint Nextel Corp.	AC		WA		AC		WA		<b>SPR</b>
25	<b>ICG</b> Mpower Comm				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>ICG</b>
26	<b>PBM</b> T-Mobile USA				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>PBM</b>
27	<b>FON</b> Sprint Comm, LP	AC		WA		AC		WA		<b>FON</b>
28	<b>EXT</b> ExteNet Systems				Will not submit prices			WA		<b>EXT</b>
29	<b>AMT</b> ATC-Outdoor DAS, LLC				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>AMT</b>
30	<b>MOB</b> Mobilitie, LLC				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>MOB</b>
Total Submitted Costs		14	12	9		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		

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - 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	ATC	
TCA		85.00	5.00	6.00	935.00	485.81	194.32*		N/A	174.64	1790	1	486	1790	TCA	
SPR		72.00	6.00	12.00	1296.00	572.00(**)		468.00	78.00	194.40	2608	1	572	2608	SPR	
FON		72.00	6.00	12.00	1296.00	572.00(**)		468.00	78.00	194.40	2608	1	572	2608	FON	
NXT		85.00	5.00	6.00	935	485.81	194.32*		N/A	174.64	1790	1	486	1790	NXT	
MCI		85.00	6.00	12.00	1530	572.00(**)		468	85	229.5	2885	1	572	2885	MCI	
ATS		85.00	6.00	12.00	1530	572.00(**)		468	85	229.5	2885	1	572	2885	ATS	
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	
	Salvage	643								TOTALS	20585	8	5145	20585		
									Wgt Ave		2573		643			
	2020	PROPOSED														
	PRICE	2021	%		CHG.											
	2768	2573	-7													

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	1	619	1976	ATC	
TCA		85.00	5.00	6.00	935.00	619.17	247.64*		N/A	174.64	1976	1	619	1976	TCA	
SPR		72.00	6.00	12.00	1296.00	660.00(**)		468.00	78.00	194.40	2696	1	660	2696	SPR	
FON		72.00	6.00	12.00	1296.00	660.00(**)		468.00	78.00	194.40	2696	1	660	2696	FON	
NXT		85.00	5.00	6.00	935.00	619.17	247.64*			174.64	1976	1	619	1976	NXT	
MCI		85.00	6.00	12.00	1530	660.00(**)		468	85	229.5	2973	1	660	2973	MCI	
ATS		85.00	6.00	12.00	1530	660.00(**)		468	85	229.5	2973	1	660	2973	ATS	
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	
	Salvage	737								TOTALS	21497	8	5898	21497		
									Wgt Ave		2687		737			
	2020	PROPOSED														
	PRICE	2021	%		CHG.											
	3078	2687	-13													

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

<b>35' POLE</b>		<b>LOADED</b>	<b>NO. OF HOURS</b>			<b>LOADED</b>				<b>ENG</b>	<b>Gen</b>				
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>	
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>	
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		85.00	5.00	6.00	935.00	754.42	301.75 *			174.64	2166	1	754	2166	NXT
MCI		85.00	6.00	12.00	1530	680.00 (**)		468	85	229.5	2993	1	680	2993	MCI
ATS		85.00	6.00	12.00	1530	680.00 (**)		468	85	229.5	2993	1	680	2993	ATS
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
	<b>Salvage</b>	<b>798</b>								<b>TOTALS</b>	<b>22145</b>	<b>8</b>	<b>6383</b>	<b>22145</b>	
									<b>Wgt Ave</b>		<b>2768</b>		<b>798</b>		

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
2821	2768	-2

<b>40' POLE</b>		<b>LOADED</b>	<b>NO. OF HOURS</b>			<b>LOADED</b>				<b>ENG</b>	<b>Gen</b>				
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>	
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>	
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		85.00	5.00	10.00	1275.00	981.13	392.44 *			238.14	2887	1	981	2887	NXT
MCI		85.00	8.00	14.00	1870	935.00 (**)		572	85	280.5	3743	1	935	3743	MCI
ATS		85.00	8.00	14.00	1870	935.00 (**)		572	85	280.5	3743	1	935	3743	ATS
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
A	3	57.14	1.00	22.00	1314.22	676.00	**	262.84	53.24	1025.09	3331	2	1352	6663	A
	<b>Salvage</b>	<b>944</b>								<b>TOTALS</b>	<b>30520</b>	<b>10</b>	<b>9435</b>	<b>33851</b>	
									<b>Wgt Ave</b>		<b>3385</b>		<b>944</b>		

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
3297	3385	3

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	10.00	1275.00	1443.00	498.74			333.40	3550	1	1443	3550	ATC
TCA		85.00	5.00	10.00	1275.00	1443.00	498.74			333.40	3550	1	1443	3550	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		85.00	5.00	10.00	1275.00	1443.00	498.74			333.40	3550	1	1443	3550	NXT
A	3	57.14	1.00	24.00	1428.50	884.00	**	285.70	53.24	1114.23	3766	1	884	3766	A
MCI		85.00	8.00	18.00	2210	990.00	(**)	676	85	331.5	4293	1	990	4293	MCI
ATS		85.00	8.00	18.00	2210	990.00	(**)	676	85	331.5	4293	1	990	4293	ATS
	Salvage	1147								TOTALS	30795	8	9173	30795	
									Wgt Ave		3849		1147		

2020 PRICE	PROPOSED 2021	% CHG.
3589	3849	7

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
ATC		85.00	5.00	16.00	1785.00	1567.00	542.57	*		333.40	4228	1	1567	4228	ATC
TCA		85.00	5.00	16.00	1785.00	1567.00	542.57	*		333.40	4228	1	1567	4228	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
NXT		85.00	5.00	16.00	1785.00	1567.00	542.57	*		333.40	4228	1	1567	4228	NXT
A	3	57.14	1.00	26.00	1542.78	1020.00	**	308.56	53.24	1203.37	4128	3	3060	12384	A
MCI		85.00	10.00	20.00	2550	1430.00	(**)	780	85	382.5	5228	1	1430	5228	MCI
ATS		85.00	10.00	20.00	2550	1430.00	(**)	780	85	382.5	5228	1	1430	5228	ATS
	Salvage	1348								TOTALS	36811	10	13481	45067	
									Wgt Ave		4507		1348		

2020 PRICE	PROPOSED 2021	% CHG.
4035	4507	12

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

<b>55' POLE</b>		<b>LOADED</b>			<b>NO. OF HOURS</b>			<b>LOADED</b>			<b>ENG</b>		<b>Gen</b>				
<b>MBR</b>	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>			
<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>				
ATC		85.00	5.00	16.00	1785.00	1635.00	608.09*			448.20	4476	1	1635	4476	ATC		
TCA		85.00	5.00	16.00	1785.00	1635.00	608.09*			448.20	4476	1	1635	4476	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		
NXT		85.00	5.00	16.00	1785.00	1635.00	608.09*			448.20	4476	1	1635	4476	NXT		
A	3	57.14	1.00	28.00	1657.06	1167.00	**	331.41	53.24	1292.51	4501	1	1167	4501	A		
MCI		85.00	10.00	26.00	3060	1880.00	(**)	936	85	459	6420	1	1880	6420	MCI		
ATS		85.00	10.00	26.00	3060	1880.00	(**)	936	85	459	6420	1	1880	6420	ATS		
	<b>Salvage</b>	<b>1699</b>								<b>TOTALS</b>	<b>42520</b>	<b>8</b>	<b>13592</b>	<b>42520</b>			
									<b>Wgt Ave</b>		<b>5315</b>		<b>1699</b>				

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
4379	<b>5315</b>	21

<b>60' POLE</b>		<b>LOADED</b>			<b>NO. OF HOURS</b>			<b>LOADED</b>			<b>ENG</b>		<b>Gen</b>				
<b>MBR</b>	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>			
<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>				
ATC		85.00	5.00	20.00	2125.00	1883.00	677.45*			396.90	5082	1	1883	5082	ATC		
TCA		85.00	5.00	20.00	2125.00	1883.00	677.45*			396.90	5082	1	1883	5082	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		
NXT		85.00	5.00	20.00	2125	1883.00	677.45*			396.9	5082	1	1883	5082	NXT		
A	2	57.14	1.00	30.00	1771.34	1334.00	**	354.27	53.24	1381.65	4894	2	2668	9789	A		
MCI		85.00	10.00	30.00	3400	2700.00	(**)	1340	85	510	8035	1	2700	8035	MCI		
ATS		85.00	10.00	30.00	3400	2700.00	(**)	1340	85	510	8035	1	2700	8035	ATS		
	<b>Salvage</b>	<b>2124</b>								<b>TOTALS</b>	<b>51072</b>	<b>9</b>	<b>19117</b>	<b>55966</b>			
									<b>Wgt Ave</b>		<b>6218</b>		<b>2124</b>				

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
5460	<b>6218</b>	14

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

65' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
		LABOR	TRANS.	DIG	LABOR				and	&					TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791	SPR
FON		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791	FON
MCI		85.00	18.00	38.00	4760	3200.00	(**)	1876	85	714	10635	1	3200	10635	MCI
ATS		85.00	18.00	38.00	4760	3200.00	(**)	1876	85	714	10635	1	3200	10635	ATS
A	2	57.14	1.00	30.00	1771.34	1692.00	**	354.27	53.24	1381.65	5252	1	1692	5252	A
	Salvage	2898									TOTALS	46104	5	14492	46104
									Wgt Ave		9221		2898		

2020	PROPOSED	%
PRICE	2021	CHG.
7524	9221	23

70' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
		LABOR	TRANS.	DIG	LABOR				and	&					TOTAL
MBR	CLASS	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	**	365.70	53.24	1426.21	5520	1	1846	5520	A
											0		0	0	0
	Salvage	1846									TOTALS	5520	1	1846	5520
									Wgt Ave		5520		1846		

2020	PROPOSED	%
PRICE	2021	CHG.
5524	5520	0

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

75' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	CLASS	LABOR	TRANS.	DIG	LABOR				and	&					
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	**	377.12	53.24	1470.78	5928	1	2141	5928	A
	Salvage	2141									TOTALS	5928	1	2141	5928
	2020	PROPOSED	%						Wgt Ave			5928			
	PRICE	2021	CHG.												
	5932	5928	0												

80' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	CLASS	LABOR	TRANS.	DIG	LABOR				and	&					
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!			
	2020	PROPOSED	%												
	PRICE	2021	CHG.												
	0	#DIV/0!	#DIV/0!												

NO PRICE IN 2020 or 2019

85' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
	CLASS	LABOR	TRANS.	DIG	LABOR				and	&					
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!			
	2020	PROPOSED	%												
	PRICE	2021	CHG.												
	0	#DIV/0!	#DIV/0!												

NO PRICE IN 2020 or 2019



**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - 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!			

2020	PROPOSED	%
PRICE	2021	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2020 or 2019

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)
- NXT Equipment expense included in column Direct Labor (loaded)
- MCI Supply expense included in column Material Cost (FOB)
- ATS Supply expense included in column Material Cost (FOB)

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

Please submit to SCJPC in Excel format by:  
 October 31, 2020

SCJPC Member Utility submitting: **CITY OF GLENDALE WATER & POWER**

Person completing worksheet: **Jaime Reyes/Amanda Lindgren, Approved by: CBabakhanlou**

Call Back Telephone Number & Email: **(818) 548-3923**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length (feet)	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		57.14	2	22	1371.36	3030	**	274.272	53.24	1069.661	<b>5798.5328</b>	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

(\*) 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 **Wood** Pole Set/ Replacement

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **AT&T CALIFORNIA (HLA, HSO, T)**  
 Person completing worksheet: **Peter Binning**  
 Call Back Telephone Number & Email: **559454-3886 / pb9716@att.com**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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		137.13	0	5.38	737.759	184		112.07	143.46		<b>1177.2894</b>	20
30		137.13	0	5.38	737.759	221		112.07	143.46		<b>1214.2894</b>	413
35		137.13	0	5.38	737.759	284		112.07	143.46		<b>1277.2894</b>	318
40		137.13	0	5.38	737.759	357		112.07	143.46		<b>1350.2894</b>	42
45		137.13	0	5.38	737.759	435		112.07	143.46		<b>1428.2894</b>	5
50		137.13	0	5.38	737.759	566		112.07	143.46		<b>1559.2894</b>	4
55		137.13	0	5.38	737.759	642		112.07	143.46		<b>1635.2894</b>	1
60		0	0	0	0						<b>0</b>	
65		0	0	0	0						<b>0</b>	
70		0	0	0	0						<b>0</b>	
75		0	0	0	0						<b>0</b>	
80		0	0	0	0						<b>0</b>	
85		0	0	0	0						<b>0</b>	
90		0	0	0	0						<b>0</b>	
95		0	0	0	0						<b>0</b>	
100		0	0	0	0						<b>0</b>	
110		0	0	0	0						<b>0</b>	

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

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

SCJPC in Excel format  
by:  
October 31, 2020

SCJPC Member Utility submitting: **AT&T Mobility (LAC)**  
 Person completing worksheet: **Y. Johnson**  
 Call Back Telephone Number & Email: **818-898-2352, YJohnson@motive-energy.com**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

	1	2	3	4	5	6	7	8	9	10	11	12
Pole Length (feet)	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25		85	5	6	935	485.81	194.32	*	N/A	174.64	<b>1789.77</b>	
30		85	5	6	935	619.17	247.64	*		174.64	<b>1976.45</b>	
35		85	5	6	935	754.42	301.75	*		174.64	<b>2165.81</b>	
40		85	5	10	1275	981.13	392.44	*		238.14	<b>2886.71</b>	
45		85	5	10	1275	1443.00	498.74	*		333.40	<b>3550.14</b>	
50		85	5	16	1785	1567.00	542.57	*		333.40	<b>4227.97</b>	
55		85	5	16	1785	1635.00	608.09	*		448.20	<b>4476.29</b>	
60		85	5	20	2125	1883.00	677.45	*		396.90	<b>5082.35</b>	
65		0	0	0	0						<b>0</b>	
70		0	0	0	0						<b>0</b>	
75		0	0	0	0						<b>0</b>	
80		0	0	0	0						<b>0</b>	
85		0	0	0	0						<b>0</b>	
90		0	0	0	0						<b>0</b>	
95		0	0	0	0						<b>0</b>	
100		0	0	0	0						<b>0</b>	
110		0	0	0	0						<b>0</b>	

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

Matrix approved by Authorized Costs committee 8/19/2020

(\*) 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 **Wood** Pole Set/ Replacement

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **Frontier Communications, Inc.**  
 Person completing worksheet: **Bret Plaskey**  
 Call Back Telephone Number & Email: **214-310-9458 - bret.plaskey@ftr.com**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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		87.51	8	11	1662.69	150.8	25		98	40.15	<b>1976.64</b>	
30		87.51	8	11	1662.69	222	25		98	40.15	<b>2047.84</b>	
35		87.51	8	11	1662.69	344	25		98	40.15	<b>2169.84</b>	
40		87.51	8	11	1662.69	422	25		98	40.15	<b>2247.84</b>	
45		87.51	8	11	1662.69	442	25		98	40.15	<b>2267.84</b>	
50		87.51	8	11	1662.69	456.6	25		98	40.15	<b>2282.44</b>	
55		87.51	8	11	1662.69	612	25		98	40.15	<b>2437.84</b>	
60		0	0	0	0						<b>0</b>	
65		0	0	0	0						<b>0</b>	
70		0	0	0	0						<b>0</b>	
75		0	0	0	0						<b>0</b>	
80		0	0	0	0						<b>0</b>	
85		0	0	0	0						<b>0</b>	
90		0	0	0	0						<b>0</b>	
95		0	0	0	0						<b>0</b>	
100		0	0	0	0						<b>0</b>	
110		0	0	0	0						<b>0</b>	

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

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC in Excel format by:  
October 31, 2020

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**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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		181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.0607	
35		181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.1294	
40		181	4	10	2534	420.24	29.42	380.18	*	*	3363.8368	
45		181	4	10	2534	831.74	58.22	380.18	*	*	3804.1418	
50		181	4	10	2534	979.67	68.58	380.18	*	*	3962.4269	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC in Excel format by:  
October 31, 2020

SCJPC Member Utility submitting: **Azusa MA**

Person completing worksheet: **David Patterson**

Call Back Telephone Number & Email: **626-712-4904 dpatterson@azusaca.gov**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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	2	741	1	3	2964	1047.74	0	595	0	0	5347.74	
40	2	741	1	4	3705	1093.94	0	790	0	0	6329.94	
45	2	741	1	4	3705	1140.14	0	790	0	0	6376.14	
50	1	741	1	5	4446	2021.71	0	950	0	0	8158.71	
50	2	741	1	5	4446	1304.73	0	950			7441.73	
55	1	741	1	5	4446	1825.75	0	950	0	0	7962.75	
55	2	741	1	5	4446	1650	0	950			7787	
60	2	741	1	6	5187	1774.35	0	1180	0	0	8882.35	
65	1	741	1	6	5187	2600	0	1180	0	0	9708	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

(\*) Cost Included in Column #2

(\*\*) Cost Included in Column #6

(\*\*\*) Cost Included in Column #10

(\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Pasadena Water and Power (MP)

Person completing worksheet:

Joe Armstrong - USE LAST YEAR'S PRICES 12/8/2020

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

\*\*\*\*\*

Weighted Average

Individual Costs

XX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	5	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

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

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **BEAR VALLEY ELECTRIC (BVE)**  
 Person completing worksheet: **Sherri DuChateau**  
 Call Back Telephone Number & Email: **909-866-4678**

Select: **Weighted Average**  **OR** **Individual Costs**  **\*\*\*\*\***

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25		0	0	0	0						0	
30		0	0	0	0						0	
35	3	130.7	1	4	653.5	684.69		534.9902	225.1436	488.0027	<b>2586.3265</b>	
40	1	130.7	1	4	653.5	1160.79		534.9902	225.1436	488.0027	<b>3062.4265</b>	
45	1	130.7	1	5	784.2	1506.76		534.9902	225.1436	488.0027	<b>3539.0965</b>	
50	1	130.7	1	8	1176.3	1682.19		534.9902	225.1436	488.0027	<b>4106.6265</b>	
50	H2	130.7	1	8	1176.3	2348.02		534.9902	225.1436	488.0027	<b>4772.4565</b>	
55	H3	130.7	1	8	1176.3	2316.21		534.9902	225.1436	488.0027	<b>4740.6465</b>	
60	H2	130.7	1	8	1176.3	2057.78		610.7807	225.1436	488.0027	<b>4558.007</b>	
65	H4	130.7	1	8	1176.3	4277.66		610.7807	225.1436	488.0027	<b>6777.887</b>	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC in Excel format by:  
October 31, 2020

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

Person completing worksheet: **NICK VAN STRYK**

Call Back Telephone Number & Email: **(818) 300-4682 / nick@petrellielectric.com**

Select: Weighted Average  **OR** Individual Costs  \*\*\*\*\*

	1	2	3	4	5	6	7	8	9	10	11	12
Pole Legth (feet)	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	***	***	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	1797	***	***	104.34	573.85	4388.03	
50		131.92	0.5	14	1912.84	2029	***	***	104.34	573.85	4620.03	
55		131.92	0.5	16.5	2242.64	2653	***	***	104.34	672.79	5672.77	
60		131.92	0.5	16.5	2242.64	2854	***	***	104.34	672.79	5873.77	
65		131.92	0.5	16.5	2242.64	3549	***	***	104.34	672.79	6568.77	
70		131.92	0.5	21	2836.28	3551	***	***	104.34	850.88	7342.50	
75		131.92	0.5	21	2836.28	3926	***	***	104.34	850.88	7717.50	
80		131.92	0.5	21	2836.28	4926	***	***	104.34	850.88	8717.50	
85		131.92	0.5	21	2836.28	5277	***	***	104.34	850.88	9068.50	
90		131.92	0.5	21	2836.28	6589	***	***	104.34	850.88	10380.50	
95		131.92	0.5	21	2836.28	6622	***	***	104.34	850.88	10413.50	
100		131.92	0.5	21	2836.28	7639	***	***	104.34	850.88	11430.50	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

(\*) 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 **Wood** Pole Set/ Replacement

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **BURBANK**

Person completing worksheet: **MINA SHEHATA**

Call Back Telephone Number & Email: **818-238-3719 MSHEHATA@BURBANKCA.GOV**

Select: Weighted Average  **OR** Individual Costs  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
40'	3	149.937	3	21.8	3718.44	851.336	77.39**	536.55	122.797	N/A	<b>5229.1207</b>	
40'	2	149.937	3	21.8	3718.44	796.605	72.42**	536.55	122.797	N/A	<b>5174.3900</b>	
45'	3	149.937	3	21.8	3718.44	929.19	84.47**	536.55	122.797	N/A	<b>5306.9749</b>	
45'	2	149.937	3	21.8	3718.44	927.487	84.32**	536.55	122.797	N/A	<b>5305.2714</b>	
50'	2	149.937	3	20.8	3568.5	1074.24	97.66**	518.3	122.797	N/A	<b>5283.8408</b>	
55'	2	149.937	3	20.8	3568.5	1379.64	125.42**	518.3	122.797	N/A	<b>5589.2387</b>	
55'	H1	149.937	3	20.7	3553.51	2634.67	239.52**	549.325	122.797	N/A	<b>6860.3023</b>	
60'	H1	149.937	3	20.6	3538.51	2866.98	260.63**	543.85	122.797	N/A	<b>7072.1402</b>	
65'	H1	149.937	3	20.6	3538.51	2829.79	257.25**	543.85	122.797	N/A	<b>7034.9534</b>	
70'	H1	149.937	3	22.5	3823.39	3270.32	297.3**	574.875	122.797	N/A	<b>7791.3823</b>	
75'	H1	149.937	3	22.4	3808.4	3630.59	330.05**	569.4	122.797	N/A	<b>8131.1909</b>	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. 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.**  
Matrix approved by Authorized Costs committee 8/19/2020  
(\* ) Cost Included in Column #2  
(\*\* ) Cost Included in Column #6  
(\*\*\*) Cost Included in Column #10  
(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:  
October 31, 2020

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

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

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	198.27	4	16.65	\$4,094.28	\$455.19	\$86.49	\$339.78	\$256.40	*	\$5,232	
40'	3	198.27	4	16.65	\$4,094.28	\$554.87	\$105.43	\$339.78	\$256.40	*	\$5,351	
40'	H3	198.27	4	16.65	\$4,094.28	\$1,264.06	\$240.17	\$339.78	\$256.40	*	\$6,195	
45'	2	198.27	4	16.65	\$4,094.28	\$754.27	\$143.31	\$339.78	\$256.40	*	\$5,588	
45'	H3	198.27	4	16.65	\$4,094.28	\$1,264.06	\$240.17	\$339.78	\$256.40	*	\$6,195	
50'	2	198.27	4	16.65	\$4,094.28	\$1,025.57	\$194.86	\$339.78	\$256.40	*	\$5,911	
50'	H3	198.27	4	16.65	\$4,094.28	\$1,728.02	\$328.32	\$339.78	\$256.40	*	\$6,747	
55'	2	198.27	4	16.65	\$4,094.28	\$1,025.57	\$194.86	\$339.78	\$256.40	*	\$5,911	
55'	H3	198.27	4	16.65	\$4,094.28	\$2,000.30	\$380.06	\$339.78	\$256.40	*	\$7,071	
60'	2	198.27	4	16.65	\$4,094.28	\$1,174.86	\$223.22	\$339.78	\$256.40	*	\$6,089	
60'	H3	198.27	4	16.65	\$4,094.28	\$2,529.26	\$480.56	\$339.78	\$256.40	*	\$7,700	
65'	2	198.27	4	19.85	\$4,728.74	\$1,550.08	\$294.52	\$392.43	\$256.40	*	\$7,222	
70'	2	198.27	4	19.85	\$4,728.74	\$1,795.71	\$341.18	\$392.43	\$256.40	*	\$7,514	
70'	H3	198.27	4	19.85	\$4,728.74	\$3,181.26	\$604.44	\$392.43	\$256.40	*	\$9,163	
75'	2	198.27	4	19.85	\$4,728.74	\$1,795.71	\$341.18	\$392.43	\$256.40	*	\$7,514	
80'	2	198.27	4	19.85	\$4,728.74	\$2,074.94	\$394.24	\$392.43	\$256.40	*	\$7,847	
85'	2	198.27	4	19.85	\$4,728.74	\$2,306.07	\$438.15	\$392.43	\$256.40	*	\$8,122	
90'	2	198.27	4	19.85	\$4,728.74	\$2,771.96	\$526.67	\$392.43	\$256.40	*	\$8,676	
95'	2	198.27	4	19.85	\$4,728.74	\$3,093.78	\$587.82	\$392.43	\$256.40	*	\$9,059	
100'	2	198.27	4	19.85	\$4,728.74	\$3,451.94	\$655.87	\$392.43	\$256.40	*	\$9,485	
110'	1	198.27	4	19.85	\$4,728.74	\$3,451.94	\$655.87	\$392.43	\$256.40	*	\$9,485	

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

(\*) Cost Included in Column #2  
 (\*\*) Cost Included in Column #6  
 (\*\*\*) Cost Included in Column #10  
 (\*\*\*\*) Please designate if you choose to publish your costs individually or be included in the weighted average  
 1/13/2021

**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: **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	\$198.27	4	16.65	\$4,094.28	\$1,673.67	\$318.00	\$339.78	\$259.40	*	\$6,685	
45'	109,500 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,100.66	\$399.13	\$339.78	\$259.40	*	\$7,193	
50'	123,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,308.45	\$438.61	\$339.78	\$259.40	*	\$7,441	
55'	136,500 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,288.76	\$624.86	\$339.78	\$259.40	*	\$8,607	
60'	150,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,455.02	\$656.45	\$339.78	\$259.40	*	\$8,805	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

(\*\*\*\*) 1/13/2021 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 - Multiple Piece (CM) Pole Set/ Replacement**

Please submit to SCJPC by:  
 October 31, 2020

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

\*\*\*\*\*

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,757.62	\$523.95	\$339.78	\$256.40	*	\$7,972	
45'	97,5000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,888.41	\$548.80	\$339.78	\$256.40	*	\$8,128	
50'	101,300 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,997.41	\$569.51	\$339.78	\$256.40	*	\$8,257	
55'	136,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,106.40	\$590.22	\$339.78	\$256.40	*	\$8,387	
60'	150,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,259.01	\$619.21	\$339.78	\$256.40	*	\$8,569	
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.

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

Please submit to SCJPC by:  
**October 31, 2020**

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

\*\*\*\*\*

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,152.73	\$409.02	\$392.43	\$256.40	*	\$7,939	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,187.67	\$415.66	\$392.43	\$256.40	*	\$7,981	
55'	189300 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,718.91	\$516.59	\$392.43	\$256.40	*	\$8,613	
60'	208000 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$3,036.43	\$576.92	\$392.43	\$256.40	*	\$8,991	
65'	226700 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$3,225.50	\$612.85	\$392.43	\$256.40	*	\$9,216	
70'	245000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$3,432.03	\$652.09	\$476.34	\$256.40	*	\$10,557	
70' Heavy	318600 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,164.68	\$791.29	\$476.34	\$256.40	*	\$11,429	
75'	264,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$3,957.11	\$751.85	\$476.34	\$256.40	*	\$11,182	
75' Heavy	343,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,829.51	\$917.61	\$476.34	\$256.40	*	\$12,220	
80'	282,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,306.48	\$818.23	\$476.34	\$256.40	*	\$11,597	
80' Heavy	367,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$5,149.08	\$978.33	\$476.34	\$256.40	*	\$12,600	
85'	301,600 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,530.49	\$860.79	\$476.34	\$256.40	*	\$11,864	
90'	320,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,910.68	\$933.03	\$476.34	\$256.40	*	\$12,316	
100'	357,800 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$5,939.27	\$1,128.46	\$476.34	\$256.40	*	\$13,540	
110'	395,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$7,092.19	\$1,347.52	\$476.34	\$256.40	*	\$14,912	

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

(\*) 1/13/2021 Cost Included in Column #2

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

Please submit to SCJPC by:  
October 31, 2020

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

\*\*\*\*\*

Weighted Average **[ ]**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$198.27	4	19.85	\$5,201.25	\$5,201.25	\$988.24	\$392.43	\$256.40	*	\$12,039.57	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'		0	0	0	0					*	\$0.00	
55'		0	0	0	0						\$0.00	
60'		0	0	0	0					*	\$0.00	
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

(\*\*\*\*) 1/13/2021 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: **LADWP**

Person completing worksheet: **Ronald Schram**

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

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

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$1,980.34	\$378.03	392.43	\$256.40	*	\$7,736	
50' Heavy	143,900 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,346.34	\$378.03	\$392.43	\$256.40	*	\$8,102	
55'	133,100 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,803.76	\$378.03	\$392.43	\$256.40	*	\$8,559	
55' Heavy	221,800 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$3,867.82	\$378.03	\$392.43	\$256.40	*	\$9,623	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$198.27	4	22.25	\$5,204.59	\$5,324.26	\$378.03	\$431.92	\$256.40	*	\$11,595	
75' Heavy	319,600 ft-lbs	\$198.27	4	22.25	\$5,204.59	\$5,609.38	\$378.03	\$431.92	\$256.40	*	\$11,880	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

(\*\*\*\*) 1/13/202 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:  
October 31, 2020

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 8.68%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$268.41	4.00	8.20	\$3,274.58	\$238.03	\$18.21	*	\$268.41	\$329.77	<b>\$4,128.99</b>	0
30'	5	\$268.41	4.00	8.20	\$3,274.58	\$295.94	\$22.64	*	\$268.41	\$335.18	<b>\$4,196.74</b>	12
35'	3	\$268.41	4.00	8.20	\$3,274.58	\$511.86	\$39.16	*	\$268.41	\$355.36	<b>\$4,449.36</b>	1,273
40'	2	\$268.41	4.00	10.40	\$3,865.07	\$783.96	\$59.97	*	\$268.41	\$432.04	<b>\$5,409.45</b>	1,245
45'	2	\$268.41	4.00	10.40	\$3,865.07	\$1,168.41	\$89.38	*	\$268.41	\$467.96	<b>\$5,859.23</b>	8,387
50'	2	\$268.41	4.00	10.40	\$3,865.07	\$1,241.91	\$95.01	*	\$268.41	\$474.83	<b>\$5,945.23</b>	3,158
55'	2	\$268.41	4.00	10.40	\$3,865.07	\$1,261.44	\$96.50	*	\$268.41	\$476.66	<b>\$5,968.08</b>	1,012
60'	1	\$268.41	4.00	10.40	\$3,865.07	\$1,860.20	\$142.31	*	\$268.41	\$532.60	<b>\$6,668.59</b>	505
65'	1	\$268.41	4.00	12.60	\$4,455.57	\$2,417.42	\$184.93	*	\$268.41	\$635.93	<b>\$7,962.26</b>	992
70'	1	\$268.41	4.00	12.60	\$4,455.57	\$2,730.63	\$208.89	*	\$268.41	\$665.19	<b>\$8,328.69</b>	1,156
75'	1	\$268.41	4.00	12.60	\$4,455.57	\$2,941.41	\$225.02	*	\$268.41	\$684.89	<b>\$8,575.30</b>	883
80'	1	\$268.41	4.25	12.60	\$4,522.67	\$3,265.56	\$249.82	*	\$268.41	\$721.00	<b>\$9,027.46</b>	640
85'	1	\$268.41	4.25	12.60	\$4,522.67	\$3,693.65	\$282.56	*	\$268.41	\$761.00	<b>\$9,528.29</b>	282
90'	1	\$268.41	4.25	15.50	\$5,301.06	\$4,340.91	\$332.08	*	\$268.41	\$889.05	<b>\$11,131.50</b>	120
95'	1	\$268.41	4.25	15.50	\$5,301.06	\$4,455.21	\$340.82	*	\$268.41	\$899.72	<b>\$11,265.21</b>	48
100'	1	\$268.41	4.25	15.50	\$5,301.06	\$4,958.13	\$379.30	*	\$268.41	\$946.72	<b>\$11,853.61</b>	18
105'	1	\$268.41	4.25	15.50	\$5,301.06	\$3,110.61	\$237.96	*	\$268.41	\$774.09	<b>\$9,692.12</b>	6
110'	1	\$268.41	4.25	15.50	\$5,301.06	\$6,090.39	\$465.91	*	\$268.41	\$1,052.52	<b>\$13,178.28</b>	2

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

- (\*) 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 (CF) Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2020**

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

Person completing worksheet: \_\_\_\_\_

Call Back Telephone Number & Email: \_\_\_\_\_

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

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 7.65% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. 8.68% (\$)	Total Cost (\$)	Total # Joint Poles
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$268.41	4.00	8.20	\$3,274.58	\$915.95	\$70.07	*	\$268.41	\$393.12	<b>\$4,922.12</b>	0
35'	5	\$268.41	4.00	8.20	\$3,274.58	\$1,745.83	\$133.56	*	\$268.41	\$470.66	<b>\$5,893.03</b>	82
40'	5	\$268.41	4.00	10.40	\$3,865.07	\$2,011.05	\$153.85	*	\$268.41	\$546.70	<b>\$6,845.08</b>	96
45'	4	\$268.41	4.00	10.40	\$3,865.07	\$2,166.51	\$165.74	*	\$268.41	\$561.23	<b>\$7,026.96</b>	1188
50'	3	\$268.41	4.00	10.40	\$3,865.07	\$2,648.77	\$202.63	*	\$268.41	\$606.29	<b>\$7,591.17</b>	194
55'	3	\$268.41	4.00	10.40	\$3,865.07	\$3,057.25	\$233.88	*	\$268.41	\$644.46	<b>\$8,069.07</b>	66
60'	2	\$268.41	4.00	10.40	\$3,865.07	\$6,008.42	\$459.64	*	\$268.41	\$920.21	<b>\$11,521.75</b>	8
65'	H1	\$268.41	4.00	12.60	\$4,455.57	\$5,512.14	\$421.68	*	\$268.41	\$925.10	<b>\$11,582.90</b>	15
70'	H3	\$268.41	4.00	12.60	\$4,455.57	\$5,516.90	\$422.04	*	\$268.41	\$925.54	<b>\$11,588.46</b>	3
75'	H3	\$268.41	4.00	12.60	\$4,455.57	N/A	N/A	*	\$268.41	N/A	N/A	0
80'	H3	\$268.41	4.00	14.80	\$5,046.07	N/A	N/A	*	\$268.41	N/A	N/A	0
85'	H3	\$268.41	4.00	14.80	\$5,046.07	N/A	N/A	*	\$268.41	N/A	N/A	0
90'	H3	\$268.41	4.00	14.80	\$5,046.07	N/A	N/A	*	\$268.41	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.

- (\*) 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: **SOUTHERN CALIFORNIA EDISON COMPANY**

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 8.68%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$268.41	4.00	10.40	\$3,865.07	\$5,152.54	\$394.17	*	\$268.41	\$420.00	\$876.70	<b>\$10,976.89</b>
45'	0	\$268.41	4.00	10.40	\$3,865.07	\$5,489.39	\$419.94	*	\$268.41	\$420.00	\$908.17	<b>\$11,370.98</b>
50'	1	\$268.41	4.00	10.40	\$3,865.07	\$4,820.99	\$368.81	*	\$268.41	\$650.00	\$865.68	<b>\$10,838.96</b>
55'	1	\$268.41	5.00	10.40	\$4,133.48	\$5,142.73	\$393.42	*	\$268.41	\$650.00	\$919.04	<b>\$11,507.08</b>
60'	1	\$268.41	5.00	10.40	\$4,133.48	\$6,124.05	\$468.49	*	\$268.41	\$650.00	\$1,010.74	<b>\$12,655.17</b>
65'	1	\$268.41	5.00	12.60	\$4,723.98	\$6,374.69	\$487.66	*	\$268.41	\$920.00	\$1,108.85	<b>\$13,883.59</b>
70'	1	\$268.41	5.00	12.60	\$4,723.98	\$6,623.64	\$506.71	*	\$268.41	\$920.00	\$1,132.11	<b>\$14,174.85</b>
75'	1	\$268.41	5.00	12.60	\$4,723.98	\$6,901.44	\$527.96	*	\$268.41	\$950.00	\$1,160.67	<b>\$14,532.46</b>
80'	1	\$268.41	5.00	12.60	\$4,723.98	\$7,175.71	\$548.94	*	\$268.41	\$950.00	\$1,186.30	<b>\$14,853.34</b>
85'	1	\$268.41	5.00	12.60	\$4,723.98	\$7,519.97	\$575.28	*	\$268.41	\$1,210.00	\$1,241.03	<b>\$15,538.67</b>
90'	1	\$268.41	5.00	15.50	\$5,502.36	\$7,771.22	\$594.50	*	\$268.41	\$1,490.00	\$1,356.38	<b>\$16,982.87</b>
95'	1	\$268.41	5.00	15.50	\$5,502.36	\$8,147.90	\$623.31	*	\$268.41	\$1,490.00	\$1,391.58	<b>\$17,423.56</b>
100'	1	\$268.41	5.00	15.50	\$5,502.36	\$8,472.55	\$648.15	*	\$268.41	\$1,490.00	\$1,421.91	<b>\$17,803.38</b>
105'	1	\$268.41	5.00	15.50	\$5,502.36	\$8,894.23	\$680.41	*	\$268.41	\$1,490.00	\$1,461.31	<b>\$18,296.72</b>
110'	1	\$268.41	5.00	15.50	\$5,502.36	\$9,862.43	\$754.48	*	\$268.41	\$1,490.00	\$1,551.78	<b>\$19,429.46</b>

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

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

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>POLE MAINTENANCE AND MISCELLANEOUS</b>																				
1-Trenching/Moving 30'-35' WITH supply	Power	2708											2577	1592	3051	3819	4	2760		
1-Trenching/Moving 40'-45' WITH supply	Power	3241											3221	2276	3432	3819	4	3187		
1-Trenching/Moving 50'- 55' WITH supply	Power	3889											3650	2959	4195	5092	4	3974		
1-Trenching/Moving 60'-65' WITH supply	Power	4374											4509	3643	4576	5092	4	4455		
1-Trenching/Moving 70'-75' WITH supply	Power	6581											5582	4326		10183	3	6697		
1-Trenching/Moving 80'-85' WITH supply	Power	7388											6871	5693		10183	3	7582		
1-Trenching/Moving 90'-95' WITH supply	Power	8062											8052	7059		10183	3	8432		
1-Trenching/Moving 100' WITH supply	Power	9093											8696	8426		10183	3	9102		
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	912	990	990	990	990	990	990	843	915							8	962		
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	927	990	990	990	990	990	990	843	1090							8	984		
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1550	1800	1800	1800	1800	1800	1800	843	1265							8	1614		
3-A- Lowering/Raising to Grade (one operation) 30'-35'	Power												2577		1525	3819	3	2640		
3- Lowering/Raising to Grade (one operation) 40'-45'	Power												3221		1907	3819	3	2982		
3- Lowering/Raising to Grade (one operation) 50'-55'	Power												3650		2288	3819	3	3252		
3- Lowering/Raising to Grade (one operation) 60'-65'	Power												4509		2669	3819	3	3666		
3- Lowering/Raising to Grade (one operation) 70'-75'	Power												5582			5092	2	5337		
3- Lowering/Raising to Grade (one operation) 80'-85'	Power												6871			5092	2	5981		
3- Lowering/Raising to Grade 90'-95'	Power												8052			5092	2	6572		
3- Lowering/Raising to Grade (one operation) 100'	Power												8696			5092	2	6894		
3-B- Lowering/Raising to Grade (one operation) 30'-35'	Communication		630	630	630	630	630	630	843	915							8	692		
3- Lowering/Raising to Grade (one operation) 40'-45'	Communication		630	630	630	630	630	630	843	1090							8	714		
3- Lowering/Raising to Grade (one operation) 50'-55'	Communication		990	990	990	990	990	990	843	1265							8	1006		
3- Lowering/Raising to Grade (one operation) 60'-65'	Communication		990	990	990	990	990	990	843								7	969		
3- Lowering/Raising to Grade (one operation) 70'-75'	Communication		990	990	990	990	990	990									6	990		
3- Lowering/Raising to Grade (one operation) 80'-85'	Communication		990	990	990	990	990	990									6	990		
3- Lowering/Raising to Grade 90'-95'	Communication		990	990	990	990	990	990									6	990		
3- Lowering/Raising to Grade (one operation) 100'	Communication		990	990	990	990	990	990									6	990		
4-A- Straightening in Earth 30'-35'	Power												1439		2051	2546	3	2012		
4- Straightening in Earth 40'-45'	Power												1439		2669	2546	3	2218		
4- Straightening in Earth 50'-55'	Power												1439		3432	2546	3	2472		
4- Straightening in Earth 60'-65'	Power												2126		4576	2546	3	3082		
4- Straightening in Earth 70'-75'	Power												2126			5092	2	3609		
4- Straightening in Earth 80'-85'	Power												2126			5092	2	3609		
4- Straightening in Earth 90'-95'	Power												2126			5092	2	3609		
4- Straightening in Earth 100'	Power												2126			5092	2	3609		
4-B- Straightening in Earth 30'-35'	Communication		630	630	630	630	630	630	843	915							8	692		
4- Straightening in Earth 40'-45'	Communication		630	630	630	630	630	630	843	1090							8	714		
4- Straightening in Earth 50'-55'	Communication		630	630	630	630	630	630	843	1265							8	736		
4- Straightening in Earth 60'-65'	Communication		1440	1440	1440	1440	1440	1440	843								7	1355		
4- Straightening in Earth 70'-75'	Communication		1440	1440	1440	1440	1440	1440									6	1440		
4- Straightening in Earth 80'-85'	Communication		1440	1440	1440	1440	1440	1440									6	1440		
4- Straightening in Earth 90'-95'	Communication		1440	1440	1440	1440	1440	1440									6	1440		
4- Straightening in Earth 100'	Communication		3690	3690	3690	3690	3690	3690									6	3690		
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	1043	810	810	810	810	810	810	534	828	1041	2484	1439	1252	1525	1591	14	1111		
5-B Removing From Service:Transporting	Both	313	180	180	180	180	180	180	374	215	520	261	859	208	342	477	14	310		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

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<b>5-C</b> Removing From Service: Topping (based on cut and lowering of pole top)	Both	671	810	810	810	810	810	810	72	303	520	1135	773	208	572	636	14	648		
<b>5-D</b> Removing From Service: Disposal	Both	670	810	810	810	810	810	810	669	215		683		693	1282	2546	12	912		
<b>5-E</b> Removing from service: Lowering	Both	543							806	215		1135	429		381	1273	6	707		
<b>5-F</b> Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	859	810	810	810	810	810	810	806	1265			1439		1144	1273	11	981		
<b>6-A</b> Pole Stubbing 8 Ft metal truss	Power	1394													1525		1	1525		
<b>6-B</b> Pole Stubbing 10-11 Ft metal truss	Power	1712									1952		1790		1525		3	1756		
<b>6-C</b> Pole Stubbing 11 Ft metal truss	Power	1523									1952		1790		1907		3	1883		
<b>6-D</b> Pole Stubbing 12 Ft metal truss	Power	1432											1790		1907		2	1848		
<b>6-E</b> Pole Stubbing 13 Ft metal truss	Power	1738													2051		1	2051		
<b>6-F</b> Pole Stubbing 14 Ft metal truss	Power	2252													2669		1	2669		
<b>6-G</b> Pole Stubbing 15.5 Ft metal truss	Power	2414													2669		1	2669		
<b>6-H</b> Pole Stubbing: Add'l metal trusses (all sizes)	Power	834													1525		1	1525		
<b>6-I</b> Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1429									2473		1119		763		3	1451		
<b>7 - Intentionally left blank</b>																				
<b>8-A</b> Semi Cir. Pole Guards - Installation	Both	184							125	215				346			3	229		
<b>8-B</b> Semi Cir. Pole Guards - Transferring	Both	176							125	215				307			3	216		
<b>9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)</b>																				
<b>9A</b> Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1758	1620	1620	1620	1620	1620	1620	1219	828	2082	3145	1718	2040	2610	2546	14	1850		
<b>9B</b> Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1625	1620	1620	1620	1620	1620	1620	671	828	2082	2044	1718	1912		2546	13	1655		
<b>9C</b> Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1584	1620	1620	1620	1620	1620	1620	1219	828		2044	1718	1912		2546	12	1666		
<b>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)</b>																				
<b>10-A</b> Cement break and temporary repair	Both	1363	1890	1890	1890	1890	1890	1890	326	740	520	1512	1147	1109	3008	1909	14	1544		
<b>10-B</b> Asphalt break & repair	Both	1368	1890	1890	1890	1890	1890	1890	224	478	1187	1804	464	975	2089	1273	14	1417		
<b>10-C</b> Cement saw cut brk&repair-based on 25 square feet	Both	876	460	460	460	460	460	460	713	1003	1311	1329	1316	1363	3008	1909	14	1051		
<b>10-D</b> Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	1308	990	990	990	990	990	990	1426	1003		2536	2124		4579	1909	12	1626		
<b>10-E</b> ADA accessible ramp	Both	9987	14180	14180	14180	14180	14180	14180	2585	3541						2546	9	10417		
<b>11-Joint Rights of Way-by special agreement</b>																				
<b>12-A-Reserved for future use</b>																				
<b>12-B</b> Pole Inspect/Treat-Partial Dig	Power	196											245		348		2	296		
<b>12-C</b> Pole Inspect/Treat-Sound&Bore	Power	193											245		348		2	296		
<b>12-D</b> Pole Inspect/Treat-Full Treatment	Power	202											245		348		2	296		
<b>12-E</b> Pole Inspect/Treat-Reject	Power	197											245		348		2	296		
Note: May only billed once every 5 years																				
<b>12-F</b> Pole Inspect/Treat-Re-inspection of reinforced poles (may only be billed once every 10 years)	Power	211											245	132	389		3	255		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

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<b>13-A</b> Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	315	360	360	360	360	360	360							329	64	8	319	Communication companies submitted prices	
<b>13-B</b> Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	345	360	360	360	360	360	360	69	303		673	531		329	64	12	344		
<b>13-C</b> Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																				
<b>13-D</b> Traffic Control (By Special Agreement Section 1.2)																				
<b>14-A</b> JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	315	275	275	275	275	275	275	137	215		368	745	104	116		12	278		
<b>14-B</b> JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	178	150	150	150	150	150	150	137	215		246	555	104	48		12	184		
<b>14-C</b> 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	200	160	160	160	160	160	160				293		209	48		9	168		
<b>15-A</b> Pole Marking-Tagging	Both	64	45	45	45	45	45	45	72	84		59	48	26	149	25	13	56		
<b>15-B</b> Pole Marking-Visibility Strips	Both	56	45	45	45	45	45	45	72	84	60	59	51	26	157	25	14	57		
<b>16-A</b> Backhoe 2/hr minimum	Both	345	270	270	270	270	270	270	802	280					648	636	10	399		
<b>16-B</b> Backhoe - each additional Hour (inclusive operator & truck)	Both	190	180	180	180	180	180	180	401	160					365	636	10	264		
<b>17 Title: Wood Pole Fiberglass wrap restoration:</b>																				
<b>17-A</b> Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810															0	#DIV/0!		
<b>17-B</b> Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427															0	#DIV/0!		
<b>17-C</b> Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428															0	#DIV/0!		
<b>17-D</b> Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116															0	#DIV/0!	NO PRICE	
<b>18-A</b> ModPole Material & Installation 9'	Power	1325													4549		1	4549		
<b>18-B</b> ModPole Material & Installation 14'	Power	1438															0	#DIV/0!		
<b>18-C</b> ModPole Material & Installation 18'	Power	1663															0	#DIV/0!		
<b>19-A</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Power										2082	4907	1997	2183	1907	7638	6	3452		
<b>19-B</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Power										2602	4907	2641	2321	2288	10183	6	4157		
<b>19-C</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Power												4820	2876	3813	15275	4	6696		
<b>19-D</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Communication		1890	1890	1890	1890	1890	1890	1956	1440							8	1842		
<b>19-E</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Communication		1890	1890	1890	1890	1890	1890	1956	2140							8	1930		
<b>19-F</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Communication		2790	2790	2790	2790	2790	2790	1956	2665							8	2670		
<b>TRANSFER COSTS GUY WIRES</b>																				
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																				
<b>20- A</b> All types and sizes, each end	Power											661	687	892	708	477	5	685		

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<b>20- B</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>Power</b>											979	687	892	709	636	5	<b>781</b>			
<b>20-C</b> Insulator relocation	<b>Power</b>											973	236		354	636	4	<b>550</b>			
<b>20- D</b> All types and sizes, each end	<b>Communication</b>		270	270	270	270	270	270	355	303							8	<b>285</b>			
<b>20- E</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>Communication</b>		450	450	450	450	450	450	355	828							8	<b>485</b>			
<b>20-F</b> Insulator relocation	<b>Communication</b>		270	270	270	270	270	270	355	303							8	<b>285</b>			
<b>TRANSFER COSTS - POWER CIRCUITS</b>																					
<b>21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:</b>																					
<b>21 - A 0-7.5 kv single Arm (includes service arm)</b>																					
Transfer Arm	<b>Power</b>	<b>523</b>											794	255		318	3	<b>456</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>424</b>											408	510		318	3	<b>412</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>286</b>											279	255		318	3	<b>284</b>			
<b>21 - B 0-7.5 kv double arm</b>																					
Transfer Arm	<b>Power</b>	<b>1016</b>											1524	382		318	3	<b>742</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>424</b>											408	765		318	3	<b>497</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>286</b>											279	382		318	3	<b>327</b>			
<b>21 - C 0-7.5 kv double arm with reinforcing bracket</b>																					
Transfer Arm	<b>Power</b>	<b>1637</b>											2705			318	2	<b>1512</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>424</b>											408			318	2	<b>363</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>286</b>											279			318	2	<b>299</b>			
<b>21 - D 0-7.5kv sidearm - single</b>																					
Transfer Arm	<b>Power</b>	<b>315</b>														318	1	<b>318</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>472</b>														318	1	<b>318</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>315</b>														318	1	<b>318</b>			
<b>21 - E 0-7.5kv sidearm - double</b>																					
Transfer Arm	<b>Power</b>	<b>1400</b>											2190			318	2	<b>1254</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>483</b>											537			318	2	<b>428</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>345</b>											408			318	2	<b>363</b>			
<b>21 - F 7.6-15kv single arm</b>																					
Transfer Arm	<b>Power</b>	<b>315</b>														636	1	<b>636</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>787</b>														636	1	<b>636</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>630</b>														636	1	<b>636</b>			
<b>21 - G 7.6-15kv double arm</b>																					
Transfer Arm	<b>Power</b>	<b>630</b>														636	1	<b>636</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>787</b>														636	1	<b>636</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>630</b>														636	1	<b>636</b>			
<b>21 - H 7.6-15kv sidearm - single</b>																					
Transfer Arm	<b>Power</b>	<b>630</b>														636	1	<b>636</b>			
Transfer Conductor (splicing required)	<b>Power</b>	<b>787</b>														636	1	<b>636</b>			
Transfer Conductor (no splicing)	<b>Power</b>	<b>630</b>														636	1	<b>636</b>			
<b>21 - I 7.6-15kv sidearm - double</b>																					
Transfer Arm	<b>Power</b>	<b>1102</b>														636	1	<b>636</b>			

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Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - J 16-34kv single arm</b>																				
Transfer Arm	Power	809											1245	255		636	3	712		
Transfer Conductor (splicing required)	Power	798											880	510		636	3	676		
Transfer Conductor (no splicing)	Power	660											751	255		636	3	548		
<b>21 - K 16-34kv double arm</b>																				
Transfer Arm	Power	1193											1739	382		636	3	919		
Transfer Conductor (splicing required)	Power	798											880	765		636	3	761		
Transfer Conductor (no splicing)	Power	660											751	382		636	3	590		
<b>21 - L 16-34kv double arm with reinforcing bracket</b>																				
Transfer Arm	Power	1816											2924			636	2	1780		
Transfer Conductor (splicing required)	Power	798											880			636	2	758		
Transfer Conductor (no splicing)	Power	660											751			636	2	694		
<b>21 - M 16-34kv sidearm - single</b>																				
Transfer Arm	Power	787														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - N 16-34kv sidearm - double</b>																				
Transfer Arm	Power	1637											2362			636	2	1499		
Transfer Conductor (splicing required)	Power	857											1009			636	2	823		
Transfer Conductor (no splicing)	Power	719											880			636	2	758		
<b>21 - O 66-115kv single arm</b>																				
Transfer Arm	Power	945														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - P 66-115kv double arm</b>																				
Transfer Arm	Power	1259														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - Q 66-115kv steel arm</b>																				
Transfer Arm	Power	1036														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
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.																				
<b>22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:</b>																				
22-A 0-750 volt secondary	Power	286											451	111		159	3	240		
22-B 750-7,500 volt primary	Power	611											644	166		636	3	482		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
<b>22-C</b> 7.6-115kv - 1 or 2 strain insulators	Power	1459											2147	166		955	3	1089		
<b>22-D</b> 7.6-115kv - 3 or 4 strain insulators	Power	1538											2319			955	2	1637		
<b>22-E</b> 7.6-115kv - 5 or 6 strain insulators	Power	945														955	1	955		
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost																				
<b>23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)</b>																				
<b>23-A</b> Flat to vertical 7.5-115kv single arm per pole	Power	2622											3135			2387	2	2761		
<b>23-A1</b> Triangular to Flat 7.5-115kv single arm per pole	Power	2291											3135			1703	2	2419		
<b>23-A2</b> Vertical to Flat 7.5-115kv single arm per pole	Power	2732											3135			2594	2	2864		
<b>23-B</b> Flat to vertical 7.5-115kv double arm per pole	Power	2622											3135			2387	2	2761		
<b>23-B1</b> Triangular to Flat 7.5-115kv double arm per pole	Power	2291											3135			1703	2	2419		
<b>23-B2</b> Vertical to Flat 7.5-115kv double arm per pole	Power	2732											3135			2594	2	2864		
NOTE: Cost of rebonding is included in above prices.																				
<b>24 - A</b> Bonding Per Pole: Single circuit-all voltages	Power	453											472			477	2	475		
<b>24 - B</b> Bonding Per Pole: Double circuit-all voltages	Power	749											945			636	2	791		
<b>25 -</b> Ground Wire, Incl. protective covering	Power	855											902			477	2	690		
<b>26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)</b>																				
<b>27 - A</b> Racks & brackets-secondary/3-4 wire to pole	Power	374											301			477	2	389		
Plus Conductor ea.	Power	256											215			318	2	266		
<b>27 - B</b> Bracket, Triplex	Power	266											236			318	2	277		
Plus Triplex conductor	Power	256											215			318	2	266		
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.																				
<b>28 - A</b> Service Conductors - Transferring, raising or lowering: #4 conductor of smaller	Power	286											279	111		80	3	157		
<b>28 - B</b> Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	392											408	111		159	3	226		
<b>28 - C</b> Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	286											279	111		159	3	183		
<b>29- A</b> Transformers 1-1/2 to 25 KVA each	Power	3618											5132			2546	2	3839		
<b>29- B</b> Transformers 30 to 167 KVA each	Power	3933											5132			3182	2	4157		
<b>29- C</b> Mounting Brackets, two transformers	Power	444											623			264	2	443		
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.																				
<b>30-A</b> Capacitors/capacitor bank switched	Power	5851											4509			7638	2	6073		
<b>30-B</b> Capacitors/capacitor bank non-switched	Power	3823											4208			3819	2	4014		
<b>31-A</b> Street Lights Ctr Susp type-span end	Power	2834														318	1	318		
<b>31-B</b> Street Lights Ctr Susp type-Feed end	Power	3149														668	1	668		
<b>31-C</b> Street Lights Gooseneck or brket type open wire	Power	2834														318	1	318		
<b>31-D</b> Street Lights Gooseneck or brket type Conduit on pole	Power	818											751			668	2	710		
<b>31-E</b> Street Lights Mast arm type	Power	818											751			891	2	821		

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31-F Street Lights Pole top pin and insulator-single	Power	403											363			57	2	210		
31-G Street Lights Pole top pin and insulator-Double	Power	472														86	1	86		
32 Meter of Time Switch Control Box (Price by field agreement)																				
33-A Support single insulator fiberglass	Power	316											344				1	344		
33-B Support Double insulator fiberglass	Power	363											395				1	395		
33-C Support Triple insulator fiberglass	Power	INTENTIONALLY LEFT BLANK															0	#DIV/0!	NO PRICE	NOTE: "INTENTIONALLY LEFT BLANK" 4/16/2019 NO PRICE
33-D Support Pole Top insulator fiberglass	Power	334											363				1	363		
34 Support, single deadend fiberglass	Power	316											344				1	344		
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	473											687			318	2	503		
35-B Insulator mounting brkets-Double(vertical)	Power	868											1374			477	2	926		
35-C Insulator mounting brkets-Single, over 40KV	Power	945														955	1	955		
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	441														430	1	430		
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	630														621	1	621		
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	7556														7638	1	7638		
38- Insulator assembly bracket for endarm mountings	Power	526											459			1273	2	866		
NOTE: Refer to Item 21 for conductor cost																				
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)																				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS</b>																				
74-Semi-circular cable guard ("U" guard): transferring	Communication	233	270	270	270	270	270	270	125	215							8	245		
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	291	270	270	270	270	270	270	355	215		566					9	306	Power company submitted price	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	306	270	270	270	270	270	270	355	215		716					9	323	Power company submitted price	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	81	45	45	45	45	45	45	355	84		65					9	86	Power company submitted price	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	77	45	45	45	45	45	45	355	84		47					9	84	Power company submitted price	
79-Multiple Distribution Service Wire on line pole	Communication	129	90	90	90	90	90	90	355	215							8	139		
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	112	68	68	68	68	68	68	355	215							8	122		
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	121	90	90	90	90	90	90	355	128							8	128		
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	446	450	450	450	450	450	450	446	478		716					9	482	Power company submitted price	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	475	450	450	450	450	450	450	446	653		866					9	518	Power company submitted price	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	462	450	450	450	450	450	450	446	478		872					9	500	Power company submitted price	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	467	450	450	450	450	450	450	446	740		716					9	511	Power company submitted price	
NOTE: The above prices do not include cable terminals.																				

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Effective January 2021

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83-A Cable attached direct to pole (complete)	Communication	283	270	270	270	270	270	270	355	303		417		111			10	280	Power company submitted price	
83-B Cable attached (additional work required) (new item)	Communication	193	180	180	180	180	180	180	355	303		492					9	248	Power company submitted price	
84-A Messenger reinforcing units-Strap each	Communication	214	270	270	270	270	270	270	355	128							8	263		
84-B Messenger reinforcing units-Link each	Communication	214	270	270	270	270	270	270	355	128							8	263		
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	319	270	270	270	270	270	270	355	478		641		111			10	320	Power company submitted price	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	348	270	270	270	270	270	270	355	653		791					9	380	Power company submitted price	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	334	270	270	270	270	270	270	355	478		791					9	360	Power company submitted price	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	317	270	270	270	270	270	270	355	740		417					9	348	Power company submitted price	
86-Messenger dead end, all sizes-with or without cable	Communication	307	270	270	270	270	270	270	355	303		660					9	326	Power company submitted price	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	242	270	270	270	270	270	270	355	215		339					9	281	Power company submitted price	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	371	360	360	360	360	360	360	355	828							8	418		
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	333	360	360	360	360	360	360	355	215							8	341		
88-Multiple Distribution Wire terminal Transfer	Communication	220	251	251	251	251	251	251	355	215							8	259		
<b>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):</b>																				
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	172							457	215							2	336		
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	172							457	215							2	336		
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	203							938	303							2	620		
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	282							938	215							2	576		
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	283	321	321	321	321	321	321	329	215							8	309		
91-B Cable Splicing/per splice/per pair=25 pr	Communication	286	325	325	325	325	325	325	329	215							8	312		
91-C Cable Splicing/per splice/per pair=50 pr	Communication	339	375	375	375	375	375	375	329	390							8	371		
91-D Cable Splicing/per splice/per pair=100 pr	Communication	494	561	561	561	561	561	561	329	565							8	533		
91-E Cable Splicing/per splice/per pair=200 pr	Communication	756	823	823	823	823	823	823	598	1003							8	817		
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1051	1118	1118	1118	1118	1118	1118	866	1528							8	1138		
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1221	1278	1278	1278	1278	1278	1278	1135	1790							8	1324		
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1759	1809	1809	1809	1809	1809	1809	1733	2753							8	1917		

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91-I Cable Splicing/per splice/per pair=700 pr	Communication	2037	2093	2093	2093	2093	2093	2093	2002	3191							8	2219		
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2334	2401	2401	2401	2401	2401	2401	2270	3628							8	2538		
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2600	2719	2719	2719	2719	2719	2719	2599	3628							8	2818		
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3485	3585	3585	3585	3585	3585	3585	3405	5378							8	3787		
<p><b>Note:</b> Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. <b>NOTE:</b> if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.</p>																				
92 - Cable risers, including pipe and molding each	Communication	347	318	318	318	318	318	318	417	303		596					9	358	Power company submitted price	
<p>93 - Underground and terminal facilities: Where the location of a pole makes reconstruction of cable plant necessary, the engineer is to estimate the cost (exclusive of material) and include same under this item number in the billing. (Sec 1.2 by special agreement)</p>																				
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1497	1851	1851	1851	1851	1851	1851	782	390							8	1535		
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2467	3000	3000	3000	3000	3000	3000	1130	740							8	2484		
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3145	3832	3832	3832	3832	3832	3832	1364	915							8	3159		
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3638	4417	4417	4417	4417	4417	4417	1538	1090							8	3641		
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4771	5794	5794	5794	5794	5794	5794	1886	1353							8	4750		
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6668	8035	8035	8035	8035	8035	8035	2583	2053							8	6606		
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12382	15116	15116	15116	15116	15116	15116	4081	5116							8	12487		
94-A-8 Any size above and beyond by special agreement Section 1.2																				
97-Transfer meter curcuit breaker box/disconnect box	Communication	775	810	810	810	810	810	810	218	215		973					9	696	Power company submitted price	
<p>109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under Section 1.2.</p>																				
<p><b>INSTALLATION COSTS - GUYS AND ANCHORS -----</b></p>																				
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Power											771	697	470	369	636	5	589		
110 - B Guy wire complete Make-up-Anchor guy	Power											1005	564	531	499	318	5	583		
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Power												224		375	636	3	412		
110 - D Guy wire comp. Make-up-Attaching span guy to intersert pole	Power											247	697	470	369	477	5	452		
110 - E Guy wire comp. Make-up-Guy guards	Power											341	128	165	381	64	5	216		
110 - F Guy wire complete Make-up-overhead, span, or arm guy	Communication		450	450	450	450	450	450	574	828							8	513		
110 - G Guy wire complete Make-up-Anchor guy	Communication		450	450	450	450	450	450	314	828							8	480		
110 - H Guy wire comp. Make-up-Cutting-in insulator in exist guy	Communication		450	450	450	450	450	450	314	215							8	404		
110 - I Guy wire comp. Make-up-Attaching span guy to intersert pole	Communication		450	450	450	450	450	450	574	215							8	436		
110 - J Guy wire comp. Make-up-Guy guards	Communication		450	450	450	450	450	450	314	215							8	404		
<p>NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.</p>																				

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<b>111 - A</b> Anchors-expanding plate(Hand Dig)	Both	1120	810	810	810	810	810	810	574	828		2265	1881	1446	2078	636	13	1121		
<b>111 - B</b> Anchors-expanding plate(Truck access)	Both	726	810	810	810	810	810	810	574	828			1022		476	636	11	763		
<b>111 - C</b> Anchors-PISA screw anchor	Both	761	810	810	810	810	810	810	574	828	1121	1156	677	610	476	636	14	781		
<b>111 - D</b> Anchors-Hydraulically driven (mantaray)	Both	708	810	810	810	810	810	810	574	828			592		798	318	11	725		
<b>111 - E</b> Anchors-Concreting an anchor	Both	397	281	281	281	281	281	281	574	828					1451		9	504		
<b>111 - F</b> Anchors-Sale of abandoned anchor to another utility-all sizes	Both	374	233	233	233	233	233	233	574	828		1198			321	318	11	421		
<b>111 - G</b> Anchors-Existing anchor purchase (Rear property)	Both	659	672	672	672	672	672	672	574	828		1586		1012	321	2546	12	908		
<b>111 - H</b> Anchors-Existing Anchor Purchase (street/alley) NOTE: Actual size of anchor needs to be noted on JPA along with the appropriate item number for type. Items 111 (g), and (h) are calculated at 70% of Item 111 (a) and (b) respectively.	Both	387	356	356	356	356	356	356	574	828		809		1012	321	636	12	526		
<b>112 - A</b> Sidewalk anchor fittings-2" pipe brace & fittings	Both	317	270	270	270	270	270	270	314	828						318	9	342		
<b>112 - B</b> Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	355	270	270	270	270	270	270	314	828		646	488		337	318	12	379		
<b>112 - C</b> Sidewalk anchor fittings-3" pipe brace & fittings	Both	334	270	270	270	270	270	270	314	828						318	9	342		
<b>112 - D</b> Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.	Both	324	270	270	270	270	270	270	700	828		452					9	400		
<b>115 - A</b> Heel/toe bracing pole-with treated wood blocks, new pole	Both	513	450	450	450	450	450	450	1166	828		646			763	636	11	613		
<b>115 - B</b> Heel/toe bracing pole-with treated wood blocks, existing pole	Both	772	810	810	810	810	810	810	1166	828					763	1114	10	873		
<b>115 - C</b> Heel/toe bracing pole-with fiberglass blocks, new pole	Both	570	450	450	450	450	450	450	1166	828			1447		763	955	11	714		
<b>115 - D</b> Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	973	990	990	990	990	990	990	1166	828			2178		763	1591	11	1133		
<b>116 - A</b> Breast blocking only, new or existing pole-w/treated wood block	Both	695	540	540	540	540	540	540		828					1525	318	9	657		
<b>116 - B</b> Breast blocking only, new or existing pole-w/concrete block	Both	628	540	540	540	540	540	540		828		646			1525		9	693		
<b>116 - C</b> Breast blocking only, new or existing pole-w/fiberglass block	Both	679	540	540	540	540	540	540		828			1162		1525	796	10	755		
<b>119</b> - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).																				
<b>INSTALLATION COSTS - POWER CIRCUITS -----</b>																				
<b>120 Crossarms, standard line (pins and insulators are extra):</b> <b>These are costs for installation or attachment to existing</b> <b>(For attachment to existing, use arm cost only)</b>																				
<b>120 - A</b> 0-7.5KV single <b>WOODEN</b> arm	Power	415											482			318	2	400		
<b>CF ARM</b>	Power	601											638			318	2	478		
<b>Plus conductor</b>	Power	286											285			318	2	302		

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120 - B 0-7.5KV Double WOODEN arm	Power	807											907			318	2	613		
CF ARM	Power	1150											1220			318	2	769		
Plus conductor	Power	286											285			318	2	302		
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1567											2188			318	2	1253		
CF ARM	Power	2341											2501			318	2	1409		
Plus conductor	Power	286											285			318	2	302		
120 - D 0-7.5KV WOODEN Sidearm-single	Power	896														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	1105											1396			318	2	857		
CF ARM	Power	1498											1582			318	2	950		
Plus conductor	Power	345											414			318	2	366		
120 - F 7.6-15KV Single WOODEN arm	Power	410														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - G -7.6-15KV Double WOODEN arm	Power	817														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - H -7.6-15KV WOODEN Sidearm-single	Power	444														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	894														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 -J Crossarms-WOODEN, standard line-16-115KV Single arm	Power	830											1338			318	2	828		
CF ARM	Power	1389											1494			318	2	906		
16-34KV	Power	286											279			318	2	299		
66-115KV	Power	315														318	1	318		
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	1239											1763			636	2	1200		
CF ARM	Power	1938											2076			636	2	1356		
16-34KV	Power	286											285			636	2	461		
66-115KV	Power	315														636	1	636		
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	2040											3142			796	2	1969		
CF ARM	Power	2932											3142			318	2	1730		
16-34KV	Power	286											285			636	2	461		
66-115KV	Power	315														636	1	636		
120 -M Crossarms-WOODEN, standard line-16-115KV Sidearm single	Power	588														318	1	318		
CF ARM	Power	BLANK														318	1	318		
16-34KV	Power	315														318	1	318		
66-115KV	Power	315														318	1	318		
120 -N Crossarms-WOODEN, standard line-16-115KV Sidearm Double	Power	1610											2438			636	2	1537		
CF ARM	Power	2286											2438			636	2	1537		
16-34KV	Power	345											414			636	2	525		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
<b>66-115KV</b>	<b>Power</b>	<b>315</b>														636	1	<b>636</b>		
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.																				
<b>121. Pole top extensions, including arms (pins and insulators are extra):</b>																				
<b>121 -A</b> Pole top extensions, including arms: 6-7 ft extension (extension complete)	<b>Power</b>	<b>2262</b>											1372			1909	2	<b>1641</b>		
<b>Plus conductor each</b>	<b>Power</b>	<b>345</b>											414			318	2	<b>366</b>		
<b>121 -B</b> Pole top extensions, including arms:8-9 ft extension (extension complete)	<b>Power</b>	<b>3019</b>											3166				1	<b>3166</b>		
<b>Plus conductor each</b>	<b>Power</b>	<b>375</b>											414				1	<b>414</b>		
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.																				
<b>122 -A</b> Insulators including pins and hardware: 0-7.5kV pin type, each	<b>Power</b>	<b>136</b>											183			95	2	<b>139</b>		
<b>122 -B</b> Insulators including pins and hardware: 11 or 16kV pin type each	<b>Power</b>	<b>138</b>														95	1	<b>95</b>		
<b>122 -C</b> Insulators including pins and hardware: 34kV pin type each	<b>Power</b>	<b>358</b>											578			95	2	<b>337</b>		
<b>122 -D</b> Insulators including pins and hardware: 66kV pin type each	<b>Power</b>	<b>341</b>														191	1	<b>191</b>		
<b>122 -E</b> Insulators including pins and hardware: 11 and 16kV post type each	<b>Power</b>	<b>169</b>														95	1	<b>95</b>		
<b>122 -F</b> Insulators including pins and hardware: 34kV post type each	<b>Power</b>	<b>376</b>											615			95	2	<b>355</b>		
<b>122 -G</b> Insulators including pins and hardware: 66KV post type each	<b>Power</b>	<b>480</b>														191	1	<b>191</b>		
<b>122 -H</b> Insulators including pins and hardware: 34-115kV suspension (strain)	<b>Power</b>	<b>246</b>														191	1	<b>191</b>		
<b>123. Dead ends, on arm or direct to pole, per each strain dead end:</b>																				
<b>123 -A</b> 0-750 volt secondary	<b>Power</b>	<b>177</b>											203			80	2	<b>141</b>		
<b>123 -B</b> 750-7,500 volt primary	<b>Power</b>	<b>197</b>											281			80	2	<b>180</b>		
<b>123 -C</b> 11 or 16KV-1 strain insulator	<b>Power</b>	<b>188</b>														80	1	<b>80</b>		
<b>123 -D</b> 11 or 16KV-2 strain insulators	<b>Power</b>	<b>241</b>														118	1	<b>118</b>		
<b>123 -E</b> 34kv - 4/0 conductor or smaller - 2 insulators	<b>Power</b>	<b>454</b>														159	1	<b>159</b>		
<b>123 -F</b> 34kv - 4/0 conductor or smaller - 3 insulators	<b>Power</b>	<b>494</b>											345			207	2	<b>276</b>		
<b>123 -G</b> 34kv - larger than 4/0 conductor - 3 insulators	<b>Power</b>	<b>521</b>											345			207	2	<b>276</b>		
<b>123 -H</b> 66 to 115kv - 4/0 conductor or smaller - 4 insulators	<b>Power</b>	<b>1276</b>														318	1	<b>318</b>		
<b>123 -I</b> 66 to 115kv - larger than 4/0 conductor - 4 insulators	<b>Power</b>	<b>1347</b>														318	1	<b>318</b>		
<b>123 -J</b> 750-7500 volt primary silicone insulators	<b>Power</b>	<b>227</b>											245				1	<b>245</b>		

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<b>123 -K</b> 34KV – silicone insulators	Power	322											345				1	345		
<b>NOTE:</b>																				
Add \$74 for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$165 for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$180 for each additional insulator on item (g).	Power	180															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$246 for each additional insulator on item (h).	Power	246															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
<b>124 -A</b> Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	295											271			318	2	295		
<b>Plus conductor ea.</b>	Power	256											220			318	2	269		
<b>124 -B</b> Racks/Brackets,secondary - Bracket, triplex	Power	208											221			239	2	230		
<b>Plus triplex conductor ea.</b>	Power	256											235			318	2	277		
<b>125 -</b> Ground assembly, complete	Power	628											742			477	2	610		
<i>Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.</i>																				
<b>126-A</b> Support: single insulator, fiberglass	Power	276											296				1	296		
<b>126-B</b> Support: Double insulator, fiberglass	Power	379											405				1	405		
<b>126-C</b> Support: Triple insulator, fiberglass	Power	INTENTIONALLY LEFT BLANK															0	#DIV/0!	NO PRICE	NOTE: "INTENTIONALLY LEFT BLANK" 4/16/2019 (NO PRICE)
<b>126-D</b> Support: Pole Top insulator, fiberglass	Power	287											294				1	294		
<b>127</b> Support, single dead end fiberglass	Power	286											277				1	277		
<b>128-A</b> Insulator mounting bracket-single(vertical or horizontal)	Power	562											605				1	605		
<b>128-B</b> Insulator mounting bracket-Double(vertical)	Power	1124											1210				1	1210		
<b>128-C</b> Insulator mounting bracket-Single over 40KV	Power	1157													955		1	955		
<b>129-A</b> Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	NO PRICE	Use 2017 prices 4/16/2019
<b>129-B</b> Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!		
<b>130</b> Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!		
<b>131</b> Insulator assembly bracket for endarm mounting	Power	604											558			1273	2	916		
<b>132-A</b> mounting bracket: two transformers	Power	584											627			318	2	473		
<b>132-B</b> mounting bracket: three transformers	Power	980											1033			414	2	724		
NOTE: Refer to Item 120 for conductor cost.																				
<b>149 -</b> Installation of power line equip. not listed-Special Agreement 1.2.																				
<b>INSTALLATION COSTS - COMMUNICATION CIRCUITS -----</b>																				
<b>159</b> -Semi-circular cable guard ("U" guard): installation	Communication	184	180	180	180	180	180	180	125	303		286					9	199	Power company submitted price	
<b>160. Crossarms: (For installation or attachment to existing with service wire only):</b>																				
<b>160-A</b> Crossarms-single wood service	Communication	260	270	270	270	270	270	270	379	215		323					9	282	Power company submitted price	
<b>160-B</b> Crossarms-Double wood service	Communication	268	270	270	270	270	270	270	379	215		398					9	290	Power company submitted price	
<b>160-C</b> Crossarms-Composite Fiberglass Arm	Communication	256	270	270	270	270	270	270	379	215							8	277		
<b>160-D</b> Crossarms-Attach to existing arm no charge	Communication																			

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
<b>161. Guard arms: (For installation or attachment to existing with service wire only):</b>																				
161-A	Guard arms-single wood service	Communication	254	270	270	270	270	270	379	215		323					9	282	Power company submitted price	
161-B	-Guard arms-Double wood service	Communication	336	360	360	360	360	360	379	215		398					9	350	Power company submitted price	
161-C	-Guard arms-Composite Fiberglass	Communication	249	270	270	270	270	270	379	215							8	277		
<b>163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:</b>																				
163 - A	Drive hook with one wedge grip unit	Communication	75	45	45	45	45	45	379	128							8	97		
163 - B	Additional wedge grip units on same hook, each	Communication	75	45	45	45	45	45	379	128							8	97		
164 - A	Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	252	270	270	270	270	270	379	171							8	271		
CF ARM		Communication	199	200	200	200	200	200		171							7	196		
164 - B	Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	252	270	270	270	270	270	379	171							8	271		
CF ARM		Communication	185	200	200	200	200	200		171							7	196		
164 - C	Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	252	270	270	270	270	270	379	171							8	271		
CF ARM		Communication	185	200	200	200	200	200		171							7	196		
164 - D	Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	252	270	270	270	270	270	379	171							8	271		
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	261	270	270	270	270	270	355	189							8	270		
166 - A	Messenger reinforcing units-reinforcing strap ea.	Communication	110	68	68	68	68	68	355	189							8	119		
167 - A	Messenger without cable - single arm	Communication	318	270	270	270	270	270	355	828							8	350		
167 - B	Messenger without cable - Double arm	Communication	318	270	270	270	270	270	355	828							8	350		
167 - C	Messenger without cable - Extension arm ("F" or Alley arm)	Communication	318	270	270	270	270	270	355	828							8	350		
167 - D	Messenger without cable - Direct to pole	Communication	303	270	270	270	270	270	355	828							8	350		
167 -E	Messenger without cable - additional messenger	Communication	318	270	270	270	270	270	355	828							8	350		
168 -	Multiple distribution service wire attached to pole or arms	Communication	129	90	90	90	90	90	355	215							8	139		
169 -	Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	109	90	90	90	90	90	297	145							8	123		
170 -	Bonding to secondary neutral ground, per pole	Communication	152	180	180	180	180	180	72	145							8	162		
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.																			

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

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			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power			14	
<b>3-</b> Lowering/Raising to Grade (one operation) 30'-35'	<b>COMBINED</b>	<b>1152</b>	630	630	630	630	630	630	843	915						2577	1525	3819	11	<b>1224</b>		
3- Lowering/Raising to Grade (one operation) 40'-45'	<b>COMBINED</b>	<b>1249</b>	630	630	630	630	630	630	843	1090						3221	1907	3819	11	<b>1333</b>		
3- Lowering/Raising to Grade (one operation) 50'-55'	<b>COMBINED</b>	<b>1524</b>	990	990	990	990	990	990	843	1265						3650	2288	3819	11	<b>1619</b>		
3- Lowering/Raising to Grade (one operation) 60'-65'	<b>COMBINED</b>	<b>1639</b>	990	990	990	990	990	990	843							4509	2669	3819	10	<b>1778</b>		
3- Lowering/Raising to Grade (one operation) 70'-75'	<b>COMBINED</b>	<b>1872</b>	990	990	990	990	990	990								5582		5092	8	<b>2077</b>		
3- Lowering/Raising to Grade (one operation) 80'-85'	<b>COMBINED</b>	<b>2004</b>	990	990	990	990	990	990								6871		5092	8	<b>2238</b>		
3- Lowering/Raising to Grade 90'-95'	<b>COMBINED</b>	<b>2124</b>	990	990	990	990	990	990								8052		5092	8	<b>2385</b>		
3- Lowering/Raising to Grade (one operation) 100'	<b>COMBINED</b>	<b>2190</b>	990	990	990	990	990	990								8696		5092	8	<b>2466</b>		
<b>3-A-</b> Lowering/Raising to Grade (one operation) 30'-35'	<b>Power</b>															2577	1525	3819	3	<b>2640</b>	<b>1224</b>	<b>1417</b>
3- Lowering/Raising to Grade (one operation) 40'-45'	<b>Power</b>															3221	1907	3819	3	<b>2982</b>	<b>1333</b>	<b>1649</b>
3- Lowering/Raising to Grade (one operation) 50'-55'	<b>Power</b>															3650	2288	3819	3	<b>3252</b>	<b>1619</b>	<b>1634</b>
3- Lowering/Raising to Grade (one operation) 60'-65'	<b>Power</b>															4509	2669	3819	3	<b>3666</b>	<b>1778</b>	<b>1888</b>
3- Lowering/Raising to Grade (one operation) 70'-75'	<b>Power</b>															5582		5092	2	<b>5337</b>	<b>2077</b>	<b>3260</b>
3- Lowering/Raising to Grade (one operation) 80'-85'	<b>Power</b>															6871		5092	2	<b>5981</b>	<b>2238</b>	<b>3743</b>
3- Lowering/Raising to Grade 90'-95'	<b>Power</b>															8052		5092	2	<b>6572</b>	<b>2385</b>	<b>4186</b>
3- Lowering/Raising to Grade (one operation) 100'	<b>Power</b>															8696		5092	2	<b>6894</b>	<b>2466</b>	<b>4428</b>
<b>3-B-</b> Lowering/Raising to Grade (one operation) 30'-35'	<b>Communication</b>		630	630	630	630	630	630	843	915									8	<b>692</b>	<b>1224</b>	<b>-531</b>
3- Lowering/Raising to Grade (one operation) 40'-45'	<b>Communication</b>		630	630	630	630	630	630	843	1090									8	<b>714</b>	<b>1333</b>	<b>-619</b>
3- Lowering/Raising to Grade (one operation) 50'-55'	<b>Communication</b>		990	990	990	990	990	990	843	1265									8	<b>1006</b>	<b>1619</b>	<b>-613</b>
3- Lowering/Raising to Grade (one operation) 60'-65'	<b>Communication</b>		990	990	990	990	990	990	843										7	<b>969</b>	<b>1778</b>	<b>-809</b>
3- Lowering/Raising to Grade (one operation) 70'-75'	<b>Communication</b>		990	990	990	990	990	990											6	<b>990</b>	<b>2077</b>	<b>-1087</b>
3- Lowering/Raising to Grade (one operation) 80'-85'	<b>Communication</b>		990	990	990	990	990	990											6	<b>990</b>	<b>2238</b>	<b>-1248</b>
3- Lowering/Raising to Grade 90'-95'	<b>Communication</b>		990	990	990	990	990	990											6	<b>990</b>	<b>2385</b>	<b>-1395</b>
3- Lowering/Raising to Grade (one operation) 100'	<b>Communication</b>		990	990	990	990	990	990											6	<b>990</b>	<b>2466</b>	<b>-1476</b>

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(ITEM 3, 4, 19, 20, 110)**

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			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power					Power	Power
4- Straightening in Earth 30'-35'	<b>COMBINED</b>	<b>1006</b>	630	630	630	630	630	630	843	915						1439	2051	2546	11	<b>1052</b>		
4- Straightening in Earth 40'-45'	<b>COMBINED</b>	<b>1049</b>	630	630	630	630	630	630	843	1090						1439	2669	2546	11	<b>1124</b>		
4- Straightening in Earth 50'-55'	<b>COMBINED</b>	<b>1124</b>	630	630	630	630	630	630	843	1265						1439	3432	2546	11	<b>1210</b>		
4- Straightening in Earth 60'-65'	<b>COMBINED</b>	<b>1729</b>	1440	1440	1440	1440	1440	1440	843							2126	4576	2546	10	<b>1873</b>		
4- Straightening in Earth 70'-75'	<b>COMBINED</b>	<b>1819</b>	1440	1440	1440	1440	1440	1440								2126		5092	8	<b>1982</b>		
4- Straightening in Earth 80'-85'	<b>COMBINED</b>	<b>1819</b>	1440	1440	1440	1440	1440	1440								2126		5092	8	<b>1982</b>		
4- Straightening in Earth 90'-95'	<b>COMBINED</b>	<b>1819</b>	1440	1440	1440	1440	1440	1440								2126		5092	8	<b>1982</b>		
4- Straightening in Earth 100'	<b>COMBINED</b>	<b>3319</b>	3690	3690	3690	3690	3690	3690								2126		5092	8	<b>3670</b>		
4-A- Straightening in Earth 30'-35'	<b>Power</b>															1439	2051	2546	3	<b>2012</b>	<b>1052</b>	<b>960</b>
4- Straightening in Earth 40'-45'	<b>Power</b>															1439	2669	2546	3	<b>2218</b>	<b>1124</b>	<b>1094</b>
4- Straightening in Earth 50'-55'	<b>Power</b>															1439	3432	2546	3	<b>2472</b>	<b>1210</b>	<b>1263</b>
4- Straightening in Earth 60'-65'	<b>Power</b>															2126	4576	2546	3	<b>3082</b>	<b>1873</b>	<b>1209</b>
4- Straightening in Earth 70'-75'	<b>Power</b>															2126		5092	2	<b>3609</b>	<b>1982</b>	<b>1627</b>
4- Straightening in Earth 80'-85'	<b>Power</b>															2126		5092	2	<b>3609</b>	<b>1982</b>	<b>1627</b>
4- Straightening in Earth 90'-95'	<b>Power</b>															2126		5092	2	<b>3609</b>	<b>1982</b>	<b>1627</b>
4- Straightening in Earth 100'	<b>Power</b>															2126		5092	2	<b>3609</b>	<b>3670</b>	<b>-61</b>
4-B- Straightening in Earth 30'-35'	<b>Communication</b>		630	630	630	630	630	630	843	915									8	<b>692</b>	<b>1052</b>	<b>-360</b>
4- Straightening in Earth 40'-45'	<b>Communication</b>		630	630	630	630	630	630	843	1090									8	<b>714</b>	<b>1124</b>	<b>-410</b>
4- Straightening in Earth 50'-55'	<b>Communication</b>		630	630	630	630	630	630	843	1265									8	<b>736</b>	<b>1210</b>	<b>-473</b>
4- Straightening in Earth 60'-65'	<b>Communication</b>		1440	1440	1440	1440	1440	1440	843										7	<b>1355</b>	<b>1873</b>	<b>-518</b>
4- Straightening in Earth 70'-75'	<b>Communication</b>		1440	1440	1440	1440	1440	1440											6	<b>1440</b>	<b>1982</b>	<b>-542</b>
4- Straightening in Earth 80'-85'	<b>Communication</b>		1440	1440	1440	1440	1440	1440											6	<b>1440</b>	<b>1982</b>	<b>-542</b>
4- Straightening in Earth 90'-95'	<b>Communication</b>		1440	1440	1440	1440	1440	1440											6	<b>1440</b>	<b>1982</b>	<b>-542</b>
4- Straightening in Earth 100'	<b>Communication</b>		3690	3690	3690	3690	3690	3690											6	<b>3690</b>	<b>3670</b>	<b>20</b>

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(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE		
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power					Power	
<b>19-A</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	<b>COMBINED</b>	<b>2013</b>	1890	1890	1890	1890	1890	1890	1956	1440	2082	4907	1997	2183	1907	7638	14	<b>2532</b>				
<b>19-B</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***			<b>2188</b>	1890	1890	1890	1890	1890	1890	1956	2140	2602	4907	2641	2321	2288	10183		14	<b>2884</b>		
<b>19-C</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***			<b>2879</b>	2790	2790	2790	2790	2790	2790	1956	2665			4820	2876	3813	15275		12	<b>4012</b>		
<b>19-A</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	<b>Power</b>										2082	4907	1997	2183	1907	7638	6	<b>3452</b>	<b>2532</b>	<b>920</b>		
<b>19-B</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	<b>Power</b>										2602	4907	2641	2321	2288	10183	6	<b>4157</b>	<b>2884</b>	<b>1273</b>		
<b>19-C</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	<b>Power</b>												4820	2876	3813	15275	4	<b>6696</b>	<b>4012</b>	<b>2684</b>		
<b>19-D</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	<b>Communication</b>		1890	1890	1890	1890	1890	1890	1956	1440							8	<b>1842</b>	<b>2532</b>	<b>-690</b>		
<b>19-E</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***			<b>1890</b>	1890	1890	1890	1890	1890	1890	1956	2140								8	<b>1930</b>	<b>2884</b>	<b>-955</b>
<b>19-F</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***			<b>2790</b>	2790	2790	2790	2790	2790	2790	1956	2665								8	<b>2670</b>	<b>4012</b>	<b>-1342</b>

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																				
<b>20- A</b> All types and sizes, each end	<b>COMBINED</b>	<b>357</b>	270	270	270	270	270	270	355	303		661	687	892	708	477	13	<b>439</b>		
<b>20- B</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>COMBINED</b>	<b>524</b>	450	450	450	450	450	450	355	828		979	687	892	709	636	13	<b>599</b>		
<b>20-C</b> Insulator relocation	<b>COMBINED</b>	<b>342</b>	270	270	270	270	270	270	355	303		973	236		354	636	12	<b>373</b>		
<b>20- A</b> All types and sizes, each end	<b>Power</b>											661	687	892	708	477	5	<b>685</b>	<b>439</b>	<b>246</b>
<b>20- B</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>Power</b>											979	687	892	709	636	5	<b>781</b>	<b>599</b>	<b>182</b>
<b>20-C</b> Insulator relocation	<b>Power</b>											973	236		354	636	4	<b>550</b>	<b>373</b>	<b>177</b>
<b>20- D</b> All types and sizes, each end	<b>Communication</b>		270	270	270	270	270	270	355	303							8	<b>285</b>	<b>439</b>	<b>-154</b>
<b>20- E</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>Communication</b>		450	450	450	450	450	450	355	828							8	<b>485</b>	<b>599</b>	<b>-114</b>
<b>20-F</b> Insulator relocation	<b>Communication</b>		270	270	270	270	270	270	355	303							8	<b>285</b>	<b>373</b>	<b>-88</b>

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>110 - A</b> Guy wire complete Make-up-overhead, span, or arm guy	<b>COMBINED</b>	<b>512</b>	450	450	450	450	450	450	574	828		771	697	470	369	636	13	<b>542</b>		
<b>110 - B</b> Guy wire complete Make-up-Anchor guy	<b>COMBINED</b>	<b>503</b>	450	450	450	450	450	450	314	828		1005	564	531	499	318	13	<b>520</b>		
<b>110 - C</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	<b>COMBINED</b>	<b>348</b>	450	450	450	450	450	450	314	215			224		375	636	11	<b>406</b>		
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to interset pole	<b>COMBINED</b>	<b>427</b>	450	450	450	450	450	450	574	215		247	697	470	369	477	13	<b>442</b>		
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	<b>COMBINED</b>	<b>325</b>	450	450	450	450	450	450	314	215		341	128	165	381	64	13	<b>331</b>		
<b>110 - A</b> Guy wire complete Make-up-overhead, span, or arm guy	<b>Power</b>											771	697	470	369	636	5	<b>589</b>	<b>542</b>	<b>47</b>
<b>110 - B</b> Guy wire complete Make-up-Anchor guy	<b>Power</b>											1005	564	531	499	318	5	<b>583</b>	<b>520</b>	<b>63</b>
<b>110 - C</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	<b>Power</b>												224		375	636	3	<b>412</b>	<b>406</b>	<b>6</b>
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to interset pole	<b>Power</b>											247	697	470	369	477	5	<b>452</b>	<b>442</b>	<b>10</b>
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	<b>Power</b>											341	128	165	381	64	5	<b>216</b>	<b>331</b>	<b>-116</b>
<b>110 - F</b> Guy wire complete Make-up-overhead, span, or arm guy	<b>Communication</b>		450	450	450	450	450	450	574	828							8	<b>513</b>	<b>542</b>	<b>-29</b>
<b>110 - G</b> Guy wire complete Make-up-Anchor guy	<b>Communication</b>		450	450	450	450	450	450	314	828							8	<b>480</b>	<b>520</b>	<b>-40</b>
<b>110 - H</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	<b>Communication</b>		450	450	450	450	450	450	314	215							8	<b>404</b>	<b>406</b>	<b>-2</b>
<b>110 - I</b> Guy wire comp. Make-up-Attaching span guy to interset pole	<b>Communication</b>		450	450	450	450	450	450	574	215							8	<b>436</b>	<b>442</b>	<b>-6</b>
<b>110 - J</b> Guy wire comp. Make-up-Guy guards	<b>Communication</b>		450	450	450	450	450	450	314	215							8	<b>404</b>	<b>331</b>	<b>72</b>
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.																				

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
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**February 17, 2021**

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:31 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Ms. Lupe Hernandez	Teleport Communications America, LLC
Mr. John Bacon	City of Los Angeles – DWP
Ms. Lynn Prescott	Verizon Wireless
Ms. Yesenia Delgado	Time Warner Cable
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Ms. Tara D. Andrews	AT&T California
Ms. Maria Ortiz	XO Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Lex Treepaisan	Frontier Communications
Mr. Bret Plaskey	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Joe Serrato	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Jim Todaro	AT&T Mobility
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Mr. Van Stryk called the meeting to order at 12:31 p.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk opened the meeting by inquiring if there were any questions or concerns regarding the January 2021 month's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder)** – Mr. Van Stryk stated the Admin Board had already voted on the Pole Prices. He then asked the members if this item needed any further discussion. Ms. Pranata informed Mr. Van Stryk there was no need for further discussion. She then explained she would delete the bullet, but she advised Mr. Van Stryk to leave this item on the Agenda as a standing item since the committee must work on it every year. Mr. Bacon agreed it would be best to leave this item on the agenda. Mr. Van Stryk then moved on to agenda item 3.

**Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices)** – Mr. Van Stryk informed the committee there were a couple of points to go over from last month’s meeting. He confirmed the committee heard back from the City of Glendale regarding the questions Ms. Pranata had. He then asked Ms. Pranata if she sent the updated Authorized Costs out to all members so they could vote on this item at the next Administrative Board Meeting. Ms. Pranata informed Mr. Van Stryk she still needed answers from the committee members on the highlighted cells she sent out to them after last month’s meeting. Mr. Van Stryk asked the members if they would like to review the items in question now or would they prefer to get back to Ms. Pranata later. Ms. Pranata explained she has sent out the Authorized Costs Matrix with her highlighted items for the past two months and she would really like an answer now. Mr. Van Stryk asked Ms. Pranata to bring up the highlighted items so the committee could review them. While Ms. Pranata searched for the spreadsheet, Mr. Bacon explained the committee members would review her notes to see which members are outstanding on some of these questions that need to be answered. If anything, the committee can get an ETA from each member that has not submitted the information needed to close out this item. Ms. Pranata brought up the spreadsheet for review and explained she needed an answer on the items highlighted in pink. There were no prices submitted for these items. Ms. Pranata needs to know what price she should enter in the Authorized Costs. Should she leave it as zero or use something else? She then apologized and informed the members they would first have to decide whether they are going to combine or separate authorized costs for item 3. Mr. Van Stryk clarified that would be discussing Agenda item 4- Item 1661- Power – Comm Separation of Authorized Costs (4/16/19). Ms. Pranata then asked if she could get answers from the committee for the items that were not part of Item 1661. Mr. Plaskey then asked Ms. Pranata if she needed this in order to go into 2021 with Authorized Costs. Ms. Pranata answered yes, she needs to know the committee’s decision for Item 1661. She also needs answers for the other highlighted items as well. For example, Item 13A. This one was marked as power, however, she received prices from communications. She then asked the committee members if they would like her to change this item from power only to both so communication prices will be included. Mr. Van Stryk informed Ms. Pranata the committee said this was something both companies would have to do so yes, item 13A should be changed to “BOTH”. Ms. Pranata then moved to Item 17. Mr. Brown informed Ms. Pranata

he would have to investigate the pricing Edison provided for items 13A and 13B since he knows for a fact there is nothing Edison does for 64 dollars. Mr. Plaskey informed Mr. Brown that he may want to investigate pricing for items 15A and B as well since Edison's pole tagging is 25 dollars. Ms. Pranata moved back to items 17A, B, C, and D. She did not receive pricing from anyone. She asked if she should use last year's prices, which she has highlighted, or does the committee want to list zero or possibly a note. Mr. Van Stryk suggested using last year's prices since it sounds like something people would continue doing. Mr. Bacon explained the committee cannot go wrong if they keep last year's prices. They can adjust it later if needed. For the sake of getting an answer, if nobody objects, he suggested going by last year's prices. Ms. Prescott explained this is typically what the committee does if they do not get pricing for something. Ms. Pranata informed the committee she would go ahead and use last year's prices for items 17A, B, C, and D. She then asked the committee if she should use last year's pricing for Items 18B and 18C as well. Mr. Bacon advised Ms. Pranata to go ahead and use last year's pricing. Mr. Van Stryk then asked Mr. Brown if he had a chance to investigate the issues he discovered with cut and kick last month. Mr. Van Stryk remembered asking Edison anything weird worked into their pricing on Item 19. Mr. Brown informed the committee he sent that off to the proper department and will follow up to see if he received a reply. Mr. Bacon asked Ms. Pranata to move on to the next item while they wait for Mr. Brown. Ms. Pranata then moved on to Item 33C, last year the committee entered a note stating, "intentionally left blank". She assumes the committee would like to do the same thing this year. Mr. Plaskey stated it almost sounds like it was a copy/paste error for it to have been intentionally left blank. He then asked what the committee had for pricing back in 2018 on that as well as 2016. Ms. Pranata informed Mr. Plaskey she would have to investigate that since she does not have the prices on hand. Mr. Plaskey reiterated the information would help the committee determine if it were just an error that was carried over year-after-year. Ms. Pranata note she would investigate this and get back to the committee later. She then moved onto the next item. Items 75A, 75B, 78A, 78B, 79, 82A, 82B, 82C, 82D, 83A, 83B, 85A, 85B, 85C, 85D, 86, 87A, 92, 97, 159, 160A, 160B, 161A, and 161B were marked as communication items, but power companies submitted pricing. Ms. Pranata asked the committee members if they would like to do the same thing as above where the committee decided to change it to say "both" so it will include prices submitted by power companies. Mr. Plaskey answered no because whomever filled it out, filled it out in error. Ms. Pranata informed the committee it was the City of Burbank that submitted pricing for these items. Both Mr. Brown and Mr. Van Stryk stated that is not always the case. Mr. Van Stryk stated there are times his company may need to guard arm and things like that for communication companies. There is also, the case where it is their own communication line. Mr. Brown stated Edison has a communication department and they will be doing a lot more of that work. In the future, they plan to start submitting prices for these communication items as well. Ms. Crawford asked for clarification that this would be a communication arm and not under Edison's power arm. Mr. Brown confirmed that was correct.

Mr. Plaskey stated he is aware Edison has different unions, far more robust unions. He then asked if the pricing would be all power level pricing. Mr. Brown informed Mr. Plaskey Edison has different unions for power and communication. Ms. Pranata then asked if she should change it to list “both” and include the pricing submitted by power. Mr. Van Stryk, Mr. Plaskey, and Ms. Crawford all agreed these items should remain “communication” since power is using the item for communication lines. Ms. Pranata informed the committee she would accept pricing submitted for all communication items and process their prices. Mr. Bacon then asked Ms. Pranata if there was anything else, she needed from the committee to close out this item. Ms. Pranata informed the committee of notes listed under Item 123. Ms. Pranata displayed the current note in the 2019-2020 Authorized Costs committee review. The note states “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 on arms”. Ms. Pranata informed the committee she did not receive any pricing for this note and asked if the committee would like to keep the current prices, or no price at all. Mr. Bacon advised the committee to keep the prices. This is used if they were to transfer or move stuff out of the way for a company. This would allow them to charge for this through a JPA cost. Mr. Bacon asked Mr. Brown to confirm that is what this is for. Mr. Brown investigated some old notes on this item then asked Ms. Pranata if Edison submitted prices for this. Ms. Pranata informed Mr. Brown that she did not receive pricing from Edison. Mr. Bacon then explained to the committee this is a 16KV, which is typically, an Edison voltage. They would have to install a one strand insulator. Then, if they must transfer over a little secondary volt bracket, those are all different electrical they would need a journeyman lineman to be able to move and transfer. So, they have got the different voltages and the different costs. Obviously, the higher the voltage, they cannot work on 66. They would have to hot stick it, or they would have to deenergize it, which adds to the cost. The higher voltage they go, the more it costs. So, basically, this is if they must transfer or move it for them when they need to bill them through the JPA process, these would be the prices that they would have to pay. But he believes they do it on an as built basis. They will bill them when they get all the charges in and then they come up with a total cost. He believes Edison is somewhat similar. Mr. Bacon advised Ms. Pranata to leave the note and pricing as is. Ms. Pranata asked if she should wait for Mr. Brown to finish looking into his notes. Mr. Brown asked Ms. Pranata to wait for him to send her his pricing sometime this week. Ms. Prescott stated this is just a note – all these additional costs are in the notes. She then asked if it would make more sense to get them put in the bullet points, so, they do not accidentally get skipped anymore. In other words, put under C or D the cost for each additional insulator. This way there is a cost, but it will be included in the lettered bullet points instead of as a note at the bottom. Ms. Prescott feels this is the reason people forget to fill it out. Ms. Pranata agreed to put a note under C, D, E, F, G, H and I, that states cost for each additional insulator. Ms. Prescott believes this will let people know they

must put a cost to it instead of just having it as a note they are not paying attention to. Mr. Brown agreed this makes sense. Ms. Pranata explained this item was set up this way long before she came on as manager but moving forward, she will put it right under the letter item. Ms. Pranata then moved onto Item 126C, which was also intentionally left blank since no one submitted prices. Ms. Prescott asked if this was a placeholder for the future. Mr. Bacon informed the committee it could be a placeholder since they never accomplished anything with it. Basically, it is a triple insulated fiberglass, but it is relatively new, so nobody really set a price for it. It does not happen very often with LADWP. They are usually the ones setting the poles, so they transfer their own facilities. They never really transfer this for communication companies. If they ever must because of something the communication company was doing, this was their ability to. So, it is not essential that they provide their triple insulated fiberglass cost, but they will have it by the time they have to post prices for the next round of Authorized Costs. Mr. Bacon informed the committee he would look it up on his side and run hourlies as well as what it would cost and present it to the board to see if it is something they agree to. Ms. Pranata asked LADWP to clarify they would check the pricing. Mr. Bacon confirmed he would check the pricing. Ms. Pranata moved onto Items 129A, 129B, and 130 which had no prices submitted. She asked the committee if she should use last year's prices. Mr. Van Stryk asked Edison if they still buy the Dreyfuss sunburst insulators. Mr. Bacon explained to Mr. Brown that these were Dreyfuss head stars on their 66's. Mr. Brown informed the committee that according to his notes it states it is no longer applicable for Edison. It is not a standard installation anymore. Mr. Bacon informed Mr. Brown the reason they no longer use these is because birds would nest in them and blow all their 66's. Ms. Pranata asked the committee what they would like her to list for this year's prices. Mr. Bacon explained that for the steel crossarms, if there was never a price – they are never going to install them again. He would not object to removing these items from the Authorized Costs. Since one says Dreyfuss and the other one is a squirrel cage. Edison does not use these anymore. He then asked Mr. Brown if he concurred. Mr. Brown did concur. Mr. Bacon then instructed Ms. Pranata to remove Items – 129A, 129B, and 130 – Dreyfuss sunbursts. Item 131 they will keep, as well as the rest of them. Ms. Black asked Ms. Pranata to go back up to Item 83. She then asked the committee if they could ask the City of Vernon to check their prices for item 83. The price is lower than any of the communication companies. Mr. Van Stryk asked if the committee decided to accept their pricing. Ms. Black explained the committee decided it was okay for power to submit their own pricing if they are going to use it for communication lines. She wonders if City of Vernon's price is accurate since the difference is so significant. Mr. Van Stryk confirmed that he already investigated it when he noticed it came in under, but it is accurate. Ms. Pranata asked for clarification as to whether she should wait for City of Vernon to check pricing or not. Mr. Van Stryk confirmed his prices are good to go since he has already confirmed them. Ms. Pranata did one final check to make sure the committee answered all her questions. Ms. Pranata confirmed all questions were answered and informed the committee she would send out this updated

spreadsheet via email

**Agenda Item 4 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19)** – Ms. Pranata explained the committee must decide on whether to separate or combine authorized cost pricing for items 3, 4, 19, 20, and 110 in order to move forward with item 3 of the Agenda. Mr. Bacon explained that there are a lot of moving parts to this as far as charges go and he does not feel the committee has time to cover all of them. He then suggested the committee make an emphasis on completing this by contacting other members to get a price locked down on this so the committee can close the door on it. Ms. Pranata explained that she is not waiting on pricing from any of the members. She needs direction from the Authorized Costs Committee on whether they would like to combine or separate authorized costs for items 3, 4, 19, 20, and 110. Ms. Crawford asked the committee if they could look at these items now and decide because, to Ms. Pranata's point, she has been waiting. Mr. Bacon agreed that if the committee felt they could decide now, they should. He just was not sure they had the time. Mr. Van Stryk informed the committee that the majority of items 3, 4, and 19 the price difference is substantial. Ms. Crawford suggested the committee focus on one item at a time starting with item 3. Mr. Van Stryk asked the committee members if any of them had issues with separating costs for item 3. Mr. Plaskey stated that yes for Frontier. Ms. Pranata asked Mr. Plaskey if the yes was to agree to separate or not to separate. Mr. Plaskey then explained that this item was originally brought up by Mr. Williams about a year and a half ago now. The questions were for sections one and two there is separate pricing for power and communication and Mr. Williams wanted the committee to do their due diligence. The Committee approved authorized costs pricing for 2019-2020 back in 2018 with the assumption that they were going to work collectively to see if they could split costs for these items and if it made sense to do so. For the communication companies, it is going to add a substantial amount of costs. For the power companies, they are going to be able to recoup a lot more costs than they were previously able to for these activities. Communication companies do not perform a whole lot of lowering and raising for section three. Mr. Bacon explained that the reason for the request to separate costs was due to power companies having to use heavier equipment for the setting. Mr. Plaskey then explained that Frontier excluded pricing for all the pole they no longer set. Which is why there is no longer pricing for poles over 55'. Ms. Crawford informed the committee that AT&T California did the same thing. Mr. Plaskey explained that Frontier is no longer pulling down those prices having it combined. They are no longer pulling down those prices for anything over a 55-footer. So, at this point, the committee has submitted all pricing. Now, the question is should the committee change the way things are calculated for these sections. Mr. Plaskey clarified that he is not sure of the history on how section one and two were split in previous years because that predated him. The question now is are the comm companies willing to take on that additional cost when these activities are being performed. He then explained he didn't want to speak for any of the power companies, but he is pretty sure the power companies would be fine with

combining pricing. He then asked Ms. Crawford for her input and she informed the committee that AT&T California does not want to separate costs. Mr. Plaskey then stated that all other communication companies would agree since this would impact communication companies more than power companies. Mr. Van Stryk asked the communication companies if this was how they felt about all sections or just section three. Mr. Plaskey explained sections three and four are very similar, so he just wanted to give a recap to start conversation on it. Frontier feels they compromised by taking their prices out on anything over 55 feet. If they are not going to place, why would they pull that combined price down? That would not be fair. It is not equitable. Ms. Crawford agreed. Mr. Plaskey then asked the committee how often do they use sections three and four? Very, very rarely that he can think of. He knows they just replace poles instead of resetting or anything else. Mr. Bacon informed him he may want to rethink that since it is getting crowded out there. The only option they have is to go taller. Mr. Plaskey explained, usually, it is the same hole set if they are in a tight situation. Mr. Bacon agreed. He then went on to explain that from the power side, obviously, it is harder to set the bigger poles. As they go taller, they are getting to more multitude, 16, 66, 34, five. It is labor intensive. It is truck intensive. It is crew intensive. There are additional costs when they are the base owner of the pole, no doubt. But they are shared members, and they must replace the pole. He is not sure where the committee should go from here, as far as whether they vote to leave it the same, or to accept the costs. He understands Mr. Plaskey stated Frontier stopped at 55 feet. So, anything after that, obviously, would be set by power companies, getting the remaining cost. Mr. Plaskey explained all it is doing is – with all the communication members that submitted pricing, anything from a 30- to a 55-footer, the only thing that it is doing as being combined, is pulling the average down. It is pulling the power companies down. Mr. Van Stryk asked if the committee could also hear from some of the companies that submitted for higher grades, like 100 ft, He then asked if there were any communication companies that submitted prices for that. Mr. Plaskey informed Mr. Van Stryk that there were no communication companies that submitted pricing for poles over 65 feet. He believes it was AT&T California that submitted pricing for 65-foot poles, but no one else submitted over 65 feet that he can see. After some discussion Mr. Van Stryk informed the committee, he printed out the wrong Authorized Costs matrix. He then moved back to items three and four – communication had submitted prices for their height. For items 19, 20, and 110, he asked communication how they felt on these items. He knows item 19 can be more expensive if the committee separates it – probably substantially more. Ms. Crawford asked if Mr. Van Stryk was asking all members or just the communication companies. Mr. Van Stryk confirmed he was only asking communication companies. If the committee decides to move forward with leaving items three and four combined, he would still like to know for every item specifically, how the committee feels. This would help the committee decide individually on each item if they are going combine or separate. Mr. Brown asked the committee if they decided to leave items three and four combined because Edison is against leaving items three and four combined. He then suggested the

committee move on to item 19 now. Mr. Plaskey explained that he has only heard input from AT&T California and SCE. There are 27 other members the committee needs to hear from. Mr. Brown agreed. Mr. Plaskey agreed with Mr. Van Stryk on the committee reviewing all items in question. Mr. Van Stryk explained he wanted to get a feel because the authorized costs have been pushed to Admin Board for the next couple of meetings. So, there is not a lot of time. If the committee can make headway on the rest of these items, then that saves discussion time in the future. Mr. Bacon agreed. Mr. Van Stryk moved on to discussing items 110 and 20, it looks like the prices are almost the same. The difference between the two is under 100 dollars for most of them. He asked the committee if they would be okay with keeping these items combined. Since there were no objections Mr. Van Stryk feels since items 110 and 20 are so similar as far as pricing, he feels the committee should keep them combined. Mr. Plaskey explained he feels the committee may be in a similar situation that they were with various conversations they have had over the years where power companies do not want to spend a penny more and neither do communication companies. He then clarified that he is only speaking for Frontier. Currently there is not much feedback from other members. Mr. Brown informed the committee he would have to get final approved from management. He does not want to make this decision without management. Mr. Plaskey suggested the committee table this discussion to allow members to take this back to their leadership and see if it is something that the different companies would be interested in. Ms. Pranata agreed to resend the Excel file so it would be easier for everyone to filter. Mr. Plaskey then asked the committee what they decided to do for items two three and the others. Mr. Van Stryk explained the committee decided they would take this information back to management before they made a final decision on whether to separate costs for the items in question. Mr. Plaskey asked the committee if they would like to set a deadline on this since the committee staff will have to start using the new Authorized Costs soon. The Administrative board will still have to vote on it. Mr. Bacon agreed it would be best to set a deadline. Mr. Plaskey asked Ms. Pranata how many days the committee would need to review the final Authorized Costs Matrix before they vote on it at the next Administrative Board Meeting. Ms. Pranata informed the committee they would need seven calendar days to review it before the Administrative Board can vote on it. Ms. Crawford then asked which companies will be going back to ask; would it be the members that did not speak up on today's call. Mr. Plaskey explained that is his understanding since Frontier is a hard no. Ms. Crawford informed the committee that AT&T California is a no as well. Mr. Van Stryk asked Mr. Plaskey and Ms. Crawford if this was a no on all costs or item three and four. Mr. Plaskey answered it was a no on items three, four, 19, 20. Ms. Pranata asked if the no vote was not to combine or not to separate. Mr. Plaskey informed the committee the no is to not separate since the prices are currently combined. He then reiterated that Frontier and AT&T California is a hard no on separating costs. Mr. Brown informed the committee Edison votes yes, to separating costs. Ms. Hernandez informed the committee TCA votes no to separate costs. Mr. Van Stryk informed the committee City of Vernon is interested in separating item 19,

but since they did not submit a price for items three and four he does not think they would vote on those items. Mr. Plaskey informed Mr. Van Stryk that he does not have to submit a price in order to have a vote. Mr. Brown confirmed this was true. Mr. Van Stryk then informed the committee City of Vernon votes yes to separate costs. Ms. Ortiz then informed the committee NXT votes no to separate costs. Ms. Smith informed the committee Sprint votes no to separate costs. Ms. Prescott informed the committee ATC votes not to separate costs. Mr. Serrato informed the committee Crown Castle has decided to abstain from this informal vote at this time. Mr. Plaskey then asked Ms. Pranata if the Authorized Costs committee is changing the methodology for the authorized costs does the entire membership have to vote on that. Ms. Pranata answered that this has not happened in the time she has been manager, but she is assuming the answer is yes. Mr. Van Stryk then suggested the Authorized Costs committee move item 1661 to the Administrative Board next month so we can vote on whether to accept the separation in its entirety. Once that is done the Administrative Board could vote on the actual authorized costs whether it is separated or not separated. Mr. Plaskey answers yes, the committee could do that. He explained the committee would move item 1661 to discussion for next month's Administrative Board meeting with the intent to move forward to consent if there is enough interest in it. If there is no interest in separating the cost the committee can then vote on the Authorized Costs in general for the consent calendar. They would just have to send out all this information to members with an explanation of the situation before the committee hits next month. He then asked the committee if they agree this would be the best way to move forward. Mr. Bacon agreed this would be the best way to move forward. Ms. Crawford then asked for clarification on where this item stands as of today. She stated these costs are currently combined and the vote is yes or no to separate them. Mr. Plaskey informed her that was correct. The vote is for item 1661. The committee will be moving item 1661 to discussion at the Administrative Board meeting for next month. If it does not go anywhere-or if it does- the committee can either take a vote or not. Someone can then motion to push it to consent. If it does not go anywhere then it will not go to consent. The committee will also have the standard Authorized Costs on the consent calendar to vote on so committee staff can start using them. Ms. Crawford then asked if item 1661 does not go anywhere does the Authorized Costs stay combined. Mr. Plaskey answered yes it would stay combined. Mr. Plaskey then asked Ms. Pranata if she understood everything, to which she replied yes.

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

**Agenda Item 6 - Review of Action Items:**

- Committee to move Item 1661- Power-Comm Separation of Authorized Costs (4/16/19) to discussion for the Administrative Board Meeting.

- Committee to move Authorized Costs to Administrative Board for consent.

The meeting adjourned at 1:24 p.m.

The next meeting is scheduled for March 17, 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	<b>E</b> Edison	AC	I			AC	I			<b>E</b>
2	<b>FTR</b> Frontier Communications	AC	I			AC	I			<b>FTR</b>
3	<b>H</b> AT&T CA	AC	I			AC	I			<b>H</b>
4	<b>M</b> City of LA	AC	I			AC	I			<b>M</b>
5	<b>NG</b> Crown Castle NG West Inc.				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>NG</b>
6	<b>ATC</b> Verizon Wireless	AC		WA		AC		WA		<b>ATC</b>
7	<b>J</b> City of Riverside				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>J</b>
8	<b>D</b> City of Anaheim				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>D</b>
9	<b>TCA</b> Teleport Comm. America, LLC	AC		WA		AC		WA		<b>TCA</b>
10	<b>A</b> City of Glendale			WA				WA		<b>A</b>
11	<b>ATS</b> MCI Metro/ATS			WA						<b>ATS</b>
12	<b>B</b> City of Burbank	AC	I			AC	I			<b>B</b>
13	<b>MP</b> City of Pasadena		I				I			<b>MP</b>
14	<b>TWC</b> Time Warner Cable			WA				WA		<b>TWC</b>
15	<b>BVE</b> Bear Valley Electric	AC	I			AC	I			<b>BVE</b>
16	<b>LAC</b> AT&T Mobility	AC	I			AC	I			<b>LAC</b>
17	<b>NXT</b> XO Communications	AC		WA		AC		WA		<b>NXT</b>
18	<b>F</b> City of Colton				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>F</b>
19	<b>MA</b> City of Azusa		I		First time submitting Pole Prices					<b>MA</b>
20	<b>COB</b> City of Banning				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>COB</b>
21	<b>LLW</b> City of Lompoc	AC	I			AC	I			<b>LLW</b>
22	<b>MCI</b> MCI Telecomm			WA						<b>MCI</b>
23	<b>V</b> City of Vernon	AC	I			AC	I			<b>V</b>
24	<b>SPR</b> Sprint Nextel Corp.	AC		WA		AC		WA		<b>SPR</b>
25	<b>ICG</b> Mpower Comm				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>ICG</b>
26	<b>PBM</b> T-Mobile USA				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>PBM</b>
27	<b>FON</b> Sprint Comm, LP	AC		WA		AC		WA		<b>FON</b>
28	<b>EXT</b> ExteNet Systems				Will not submit prices			WA		<b>EXT</b>
29	<b>AMT</b> ATC-Outdoor DAS, LLC				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>AMT</b>
30	<b>MOB</b> Mobilitie, LLC				Did not submit any prices in 2019				Did not submit any prices in 2019	<b>MOB</b>
Total Submitted Costs		14	12	9		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		

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - 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	ATC
TCA		85.00	5.00	6.00	935.00	485.81	194.32*		N/A	174.64	1790	1	486	1790	TCA
SPR		72.00	6.00	12.00	1296.00	572.00(**)		468.00	78.00	194.40	2608	1	572	2608	SPR
FON		72.00	6.00	12.00	1296.00	572.00(**)		468.00	78.00	194.40	2608	1	572	2608	FON
NXT		85.00	5.00	6.00	935	485.81	194.32*		N/A	174.64	1790	1	486	1790	NXT
MCI		85.00	6.00	12.00	1530	572.00(**)		468	85	229.5	2885	1	572	2885	MCI
ATS		85.00	6.00	12.00	1530	572.00(**)		468	85	229.5	2885	1	572	2885	ATS
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
	Salvage	643								TOTALS	20585	8	5145	20585	
									Wgt Ave		2573		643		
	2020	PROPOSED													
	PRICE	2021													
	2768	2573													-7

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	1	619	1976	ATC
TCA		85.00	5.00	6.00	935.00	619.17	247.64*		N/A	174.64	1976	1	619	1976	TCA
SPR		72.00	6.00	12.00	1296.00	660.00(**)		468.00	78.00	194.40	2696	1	660	2696	SPR
FON		72.00	6.00	12.00	1296.00	660.00(**)		468.00	78.00	194.40	2696	1	660	2696	FON
NXT		85.00	5.00	6.00	935.00	619.17	247.64*			174.64	1976	1	619	1976	NXT
MCI		85.00	6.00	12.00	1530	660.00(**)		468	85	229.5	2973	1	660	2973	MCI
ATS		85.00	6.00	12.00	1530	660.00(**)		468	85	229.5	2973	1	660	2973	ATS
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
	Salvage	737								TOTALS	21497	8	5898	21497	
									Wgt Ave		2687		737		
	2020	PROPOSED													
	PRICE	2021													
	3078	2687													-13

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

<b>35' POLE</b>		<b>LOADED</b>	<b>NO. OF HOURS</b>			<b>LOADED</b>				<b>ENG</b>	<b>Gen</b>				
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>	
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>	
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		85.00	5.00	6.00	935.00	754.42	301.75 *			174.64	2166	1	754	2166	NXT
MCI		85.00	6.00	12.00	1530	680.00 (**)		468	85	229.5	2993	1	680	2993	MCI
ATS		85.00	6.00	12.00	1530	680.00 (**)		468	85	229.5	2993	1	680	2993	ATS
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
	<b>Salvage</b>	<b>798</b>								<b>TOTALS</b>	<b>22145</b>	<b>8</b>	<b>6383</b>	<b>22145</b>	
									<b>Wgt Ave</b>		<b>2768</b>		<b>798</b>		

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
2821	2768	-2

<b>40' POLE</b>		<b>LOADED</b>	<b>NO. OF HOURS</b>			<b>LOADED</b>				<b>ENG</b>	<b>Gen</b>				
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>	
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>	
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		85.00	5.00	10.00	1275.00	981.13	392.44 *			238.14	2887	1	981	2887	NXT
MCI		85.00	8.00	14.00	1870	935.00 (**)		572	85	280.5	3743	1	935	3743	MCI
ATS		85.00	8.00	14.00	1870	935.00 (**)		572	85	280.5	3743	1	935	3743	ATS
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
A	3	57.14	1.00	22.00	1314.22	676.00	**	262.84	53.24	1025.09	3331	2	1352	6663	A
	<b>Salvage</b>	<b>944</b>								<b>TOTALS</b>	<b>30520</b>	<b>10</b>	<b>9435</b>	<b>33851</b>	
									<b>Wgt Ave</b>		<b>3385</b>		<b>944</b>		

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
3297	3385	3

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

<b>45' POLE</b>		<b>LOADED</b>	<b>NO. OF HOURS</b>		<b>LOADED</b>				<b>ENG</b>	<b>Gen</b>					
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>	
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>	
ATC		85.00	5.00	10.00	1275.00	1443.00	498.74			333.40	3550	1	1443	3550	ATC
TCA		85.00	5.00	10.00	1275.00	1443.00	498.74			333.40	3550	1	1443	3550	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		85.00	5.00	10.00	1275.00	1443.00	498.74			333.40	3550	1	1443	3550	NXT
A	3	57.14	1.00	24.00	1428.50	884.00	**	285.70	53.24	1114.23	3766	1	884	3766	A
MCI		85.00	8.00	18.00	2210	990.00	(**)	676	85	331.5	4293	1	990	4293	MCI
ATS		85.00	8.00	18.00	2210	990.00	(**)	676	85	331.5	4293	1	990	4293	ATS
	<b>Salvage</b>	<b>1147</b>								<b>TOTALS</b>	<b>30795</b>	<b>8</b>	<b>9173</b>	<b>30795</b>	
									<b>Wgt Ave</b>		<b>3849</b>		<b>1147</b>		

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
3589	3849	7

<b>50' POLE</b>		<b>LOADED</b>	<b>NO. OF HOURS</b>		<b>LOADED</b>				<b>ENG</b>	<b>Gen</b>					
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>	
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>	
ATC		85.00	5.00	16.00	1785.00	1567.00	542.57	*		333.40	4228	1	1567	4228	ATC
TCA		85.00	5.00	16.00	1785.00	1567.00	542.57	*		333.40	4228	1	1567	4228	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
NXT		85.00	5.00	16.00	1785.00	1567.00	542.57	*		333.40	4228	1	1567	4228	NXT
A	3	57.14	1.00	26.00	1542.78	1020.00	**	308.56	53.24	1203.37	4128	3	3060	12384	A
MCI		85.00	10.00	20.00	2550	1430.00	(**)	780	85	382.5	5228	1	1430	5228	MCI
ATS		85.00	10.00	20.00	2550	1430.00	(**)	780	85	382.5	5228	1	1430	5228	ATS
	<b>Salvage</b>	<b>1348</b>								<b>TOTALS</b>	<b>36811</b>	<b>10</b>	<b>13481</b>	<b>45067</b>	
									<b>Wgt Ave</b>		<b>4507</b>		<b>1348</b>		

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
4035	4507	12

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

<b>55' POLE</b>		<b>LOADED</b>			<b>NO. OF HOURS</b>			<b>LOADED</b>			<b>ENG</b>		<b>Gen</b>				
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>			
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>			
ATC		85.00	5.00	16.00	1785.00	1635.00	608.09*			448.20	4476	1	1635	4476	ATC		
TCA		85.00	5.00	16.00	1785.00	1635.00	608.09*			448.20	4476	1	1635	4476	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		
NXT		85.00	5.00	16.00	1785.00	1635.00	608.09*			448.20	4476	1	1635	4476	NXT		
A	3	57.14	1.00	28.00	1657.06	1167.00	**	331.41	53.24	1292.51	4501	1	1167	4501	A		
MCI		85.00	10.00	26.00	3060	1880.00	(**)	936	85	459	6420	1	1880	6420	MCI		
ATS		85.00	10.00	26.00	3060	1880.00	(**)	936	85	459	6420	1	1880	6420	ATS		
	<b>Salvage</b>	<b>1699</b>								<b>TOTALS</b>	<b>42520</b>	<b>8</b>	<b>13592</b>	<b>42520</b>			
									<b>Wgt Ave</b>		<b>5315</b>		<b>1699</b>				

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
4379	<b>5315</b>	21

<b>60' POLE</b>		<b>LOADED</b>			<b>NO. OF HOURS</b>			<b>LOADED</b>			<b>ENG</b>		<b>Gen</b>				
	<b>A.S.A</b>	<b>LABOR</b>	<b>TRANS.</b>	<b>DIG</b>	<b>LABOR</b>	<b>COST</b>	<b>SUPPLY</b>	<b>EQUIP</b>	<b>and</b>	<b>&amp;</b>		<b>NO. OF</b>	<b>F.O.B.</b>	<b>TOTAL</b>			
<b>MBR</b>	<b>CLASS</b>	<b>RATE</b>	<b>HDLING</b>	<b>ERECT</b>	<b>DOLLARS</b>	<b>F.O.B.</b>	<b>EXP</b>	<b>EXPENSE</b>	<b>PLNG</b>	<b>Adm</b>	<b>TOTAL</b>	<b>POLES</b>	<b>COSTS</b>	<b>COSTS</b>			
ATC		85.00	5.00	20.00	2125.00	1883.00	677.45*			396.90	5082	1	1883	5082	ATC		
TCA		85.00	5.00	20.00	2125.00	1883.00	677.45*			396.90	5082	1	1883	5082	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		
NXT		85.00	5.00	20.00	2125	1883.00	677.45*			396.9	5082	1	1883	5082	NXT		
A	2	57.14	1.00	30.00	1771.34	1334.00	**	354.27	53.24	1381.65	4894	2	2668	9789	A		
MCI		85.00	10.00	30.00	3400	2700.00	(**)	1340	85	510	8035	1	2700	8035	MCI		
ATS		85.00	10.00	30.00	3400	2700.00	(**)	1340	85	510	8035	1	2700	8035	ATS		
	<b>Salvage</b>	<b>2124</b>								<b>TOTALS</b>	<b>51072</b>	<b>9</b>	<b>19117</b>	<b>55966</b>			
									<b>Wgt Ave</b>		<b>6218</b>		<b>2124</b>				

<b>2020</b>	<b>PROPOSED</b>	<b>%</b>
<b>PRICE</b>	<b>2021</b>	<b>CHG.</b>
5460	<b>6218</b>	14

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
**POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING**  
**JOINT WOOD (Weighted Average) POLE PRICES FOR 2021 - Draft 1**

65' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
		LABOR	TRANS.	DIG	LABOR				and	&					TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791	SPR
FON		72.00	18.00	38.00	4032.00	3200.00	(**)	1876.00	78.00	604.80	9791	1	3200	9791	FON
MCI		85.00	18.00	38.00	4760	3200.00	(**)	1876	85	714	10635	1	3200	10635	MCI
ATS		85.00	18.00	38.00	4760	3200.00	(**)	1876	85	714	10635	1	3200	10635	ATS
A	2	57.14	1.00	30.00	1771.34	1692.00	**	354.27	53.24	1381.65	5252	1	1692	5252	A
	Salvage	2898									TOTALS	46104	5	14492	46104
									Wgt Ave		9221		2898		

2020	PROPOSED	%
PRICE	2021	CHG.
7524	9221	23

70' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	NO. OF	F.O.B.	TOTAL		
		LABOR	TRANS.	DIG	LABOR				and	&					TOTAL
MBR	CLASS	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	**	365.70	53.24	1426.21	5520	1	1846	5520	A
											0		0	0	0
	Salvage	1846									TOTALS	5520	1	1846	5520
									Wgt Ave		5520		1846		

2020	PROPOSED	%
PRICE	2021	CHG.
5524	5520	0





**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING  
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2021 - 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!			

2020	PROPOSED	%
PRICE	2021	CHG.
0	#DIV/0!	#DIV/0!

NO PRICE IN 2020 or 2019

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)
- NXT Equipment expense included in column Direct Labor (loaded)
- MCI Supply expense included in column Material Cost (FOB)
- ATS Supply expense included in column Material Cost (FOB)

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

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **CITY OF GLENDALE WATER & POWER**

Person completing worksheet: **Jaime Reyes/Amanda Lindgren, Approved by: CBabakhanlou**

Call Back Telephone Number & Email: **(818) 548-3923**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length (feet)	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		57.14	2	22	1371.36	3030	**	274.272	53.24	1069.661	<b>5798.5328</b>	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

(\*) 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 **Wood** Pole Set/ Replacement

Please submit to SCJPC in Excel format by:  
October 31, 2020

SCJPC Member Utility submitting: **AT&T CALIFORNIA (HLA, HSO, T)**  
 Person completing worksheet: **Peter Binning**  
 Call Back Telephone Number & Email: **559454-3886 / pb9716@att.com**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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		137.13	0	5.38	737.759	184		112.07	143.46		1177.2894	20
30		137.13	0	5.38	737.759	221		112.07	143.46		1214.2894	413
35		137.13	0	5.38	737.759	284		112.07	143.46		1277.2894	318
40		137.13	0	5.38	737.759	357		112.07	143.46		1350.2894	42
45		137.13	0	5.38	737.759	435		112.07	143.46		1428.2894	5
50		137.13	0	5.38	737.759	566		112.07	143.46		1559.2894	4
55		137.13	0	5.38	737.759	642		112.07	143.46		1635.2894	1
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.**

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

SCJPC in Excel format  
by:  
October 31, 2020

SCJPC Member Utility submitting: **AT&T Mobility (LAC)**  
 Person completing worksheet: **Y. Johnson**  
 Call Back Telephone Number & Email: **818-898-2352, YJohnson@motive-energy.com**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length (feet)	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25		85	5	6	935	485.81	194.32	*	N/A	174.64	<b>1789.77</b>	
30		85	5	6	935	619.17	247.64	*		174.64	<b>1976.45</b>	
35		85	5	6	935	754.42	301.75	*		174.64	<b>2165.81</b>	
40		85	5	10	1275	981.13	392.44	*		238.14	<b>2886.71</b>	
45		85	5	10	1275	1443.00	498.74	*		333.40	<b>3550.14</b>	
50		85	5	16	1785	1567.00	542.57	*		333.40	<b>4227.97</b>	
55		85	5	16	1785	1635.00	608.09	*		448.20	<b>4476.29</b>	
60		85	5	20	2125	1883.00	677.45	*		396.90	<b>5082.35</b>	
65		0	0	0	0						<b>0</b>	
70		0	0	0	0						<b>0</b>	
75		0	0	0	0						<b>0</b>	
80		0	0	0	0						<b>0</b>	
85		0	0	0	0						<b>0</b>	
90		0	0	0	0						<b>0</b>	
95		0	0	0	0						<b>0</b>	
100		0	0	0	0						<b>0</b>	
110		0	0	0	0						<b>0</b>	

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

Matrix approved by Authorized Costs committee 8/19/2020

(\*) 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 **Wood** Pole Set/ Replacement

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **Frontier Communications, Inc.**  
 Person completing worksheet: **Bret Plaskey**  
 Call Back Telephone Number & Email: **214-310-9458 - bret.plaskey@ftr.com**

Select: **Weighted Average**  **OR** **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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		87.51	8	11	1662.69	150.8	25		98	40.15	<b>1976.64</b>	
30		87.51	8	11	1662.69	222	25		98	40.15	<b>2047.84</b>	
35		87.51	8	11	1662.69	344	25		98	40.15	<b>2169.84</b>	
40		87.51	8	11	1662.69	422	25		98	40.15	<b>2247.84</b>	
45		87.51	8	11	1662.69	442	25		98	40.15	<b>2267.84</b>	
50		87.51	8	11	1662.69	456.6	25		98	40.15	<b>2282.44</b>	
55		87.51	8	11	1662.69	612	25		98	40.15	<b>2437.84</b>	
60		0	0	0	0						<b>0</b>	
65		0	0	0	0						<b>0</b>	
70		0	0	0	0						<b>0</b>	
75		0	0	0	0						<b>0</b>	
80		0	0	0	0						<b>0</b>	
85		0	0	0	0						<b>0</b>	
90		0	0	0	0						<b>0</b>	
95		0	0	0	0						<b>0</b>	
100		0	0	0	0						<b>0</b>	
110		0	0	0	0						<b>0</b>	

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

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC in Excel  
format by:  
October 31, 2020

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**

Select: **Weighted Average**  **OR** **Individual Costs**  **\*\*\*\*\***

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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		181	4	7.5	2081.5	275.01	19.25	312.3	*	*	2688.0607	
35		181	4	7.5	2081.5	384.42	26.91	312.3	*	*	2805.1294	
40		181	4	10	2534	420.24	29.42	380.18	*	*	3363.8368	
45		181	4	10	2534	831.74	58.22	380.18	*	*	3804.1418	
50		181	4	10	2534	979.67	68.58	380.18	*	*	3962.4269	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC in Excel format by:  
October 31, 2020

SCJPC Member Utility submitting: **Azusa MA**

Person completing worksheet: **David Patterson**

Call Back Telephone Number & Email: **626-712-4904 dpatterson@azusaca.gov**

Select: Weighted Average  OR Individual Costs  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	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	2	741	1	3	2964	1047.74	0	595	0	0	5347.74	
40	2	741	1	4	3705	1093.94	0	790	0	0	6329.94	
45	2	741	1	4	3705	1140.14	0	790	0	0	6376.14	
50	1	741	1	5	4446	2021.71	0	950	0	0	8158.71	
50	2	741	1	5	4446	1304.73	0	950			7441.73	
55	1	741	1	5	4446	1825.75	0	950	0	0	7962.75	
55	2	741	1	5	4446	1650	0	950			7787	
60	2	741	1	6	5187	1774.35	0	1180	0	0	8882.35	
65	1	741	1	6	5187	2600	0	1180	0	0	9708	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

(\*) Cost Included in Column #2

(\*\*) Cost Included in Column #6

(\*\*\*) Cost Included in Column #10

(\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Pasadena Water and Power (MP)

Person completing worksheet:

Joe Armstrong - USE LAST YEAR'S PRICES 12/8/2020

Call Back Telephone Number & Email:

626-744-3705 / jarmstrong@cityofpasadena.net

\*\*\*\*\*

Weighted Average

Individual Costs

XX

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	5	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

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

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **BEAR VALLEY ELECTRIC (BVE)**  
 Person completing worksheet: **Sherri DuChateau**  
 Call Back Telephone Number & Email: **909-866-4678**

Select: **Weighted Average**  **OR** **Individual Costs**  **\*\*\*\*\***

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25		0	0	0	0						0	
30		0	0	0	0						0	
35	3	130.7	1	4	653.5	684.69		534.9902	225.1436	488.0027	<b>2586.3265</b>	
40	1	130.7	1	4	653.5	1160.79		534.9902	225.1436	488.0027	<b>3062.4265</b>	
45	1	130.7	1	5	784.2	1506.76		534.9902	225.1436	488.0027	<b>3539.0965</b>	
50	1	130.7	1	8	1176.3	1682.19		534.9902	225.1436	488.0027	<b>4106.6265</b>	
50	H2	130.7	1	8	1176.3	2348.02		534.9902	225.1436	488.0027	<b>4772.4565</b>	
55	H3	130.7	1	8	1176.3	2316.21		534.9902	225.1436	488.0027	<b>4740.6465</b>	
60	H2	130.7	1	8	1176.3	2057.78		610.7807	225.1436	488.0027	<b>4558.007</b>	
65	H4	130.7	1	8	1176.3	4277.66		610.7807	225.1436	488.0027	<b>6777.887</b>	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

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

(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC in Excel format by:  
October 31, 2020

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

Person completing worksheet: **NICK VAN STRYK**

Call Back Telephone Number & Email: **(818) 300-4682 / nick@petrellielectric.com**

Select: Weighted Average  OR Individual Costs  \*\*\*\*\*

	1	2	3	4	5	6	7	8	9	10	11	12
Pole Legth (feet)	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	***	***	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	1797	***	***	104.34	573.85	4388.03	
50		131.92	0.5	14	1912.84	2029	***	***	104.34	573.85	4620.03	
55		131.92	0.5	16.5	2242.64	2653	***	***	104.34	672.79	5672.77	
60		131.92	0.5	16.5	2242.64	2854	***	***	104.34	672.79	5873.77	
65		131.92	0.5	16.5	2242.64	3549	***	***	104.34	672.79	6568.77	
70		131.92	0.5	21	2836.28	3551	***	***	104.34	850.88	7342.50	
75		131.92	0.5	21	2836.28	3926	***	***	104.34	850.88	7717.50	
80		131.92	0.5	21	2836.28	4926	***	***	104.34	850.88	8717.50	
85		131.92	0.5	21	2836.28	5277	***	***	104.34	850.88	9068.50	
90		131.92	0.5	21	2836.28	6589	***	***	104.34	850.88	10380.50	
95		131.92	0.5	21	2836.28	6622	***	***	104.34	850.88	10413.50	
100		131.92	0.5	21	2836.28	7639	***	***	104.34	850.88	11430.50	
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.**

Matrix approved by Authorized Costs committee 8/19/2020

(\*) 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 **Wood** Pole Set/ Replacement

Please submit to SCJPC in Excel format by:  
**October 31, 2020**

SCJPC Member Utility submitting: **BURBANK**

Person completing worksheet: **MINA SHEHATA**

Call Back Telephone Number & Email: **818-238-3719 MSHEHATA@BURBANKCA.GOV**

Select: Weighted Average  **OR** Individual Costs  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Legth (feet)	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
40'	3	149.937	3	21.8	3718.44	851.336	77.39**	536.55	122.797	N/A	<b>5229.1207</b>	
40'	2	149.937	3	21.8	3718.44	796.605	72.42**	536.55	122.797	N/A	<b>5174.3900</b>	
45'	3	149.937	3	21.8	3718.44	929.19	84.47**	536.55	122.797	N/A	<b>5306.9749</b>	
45'	2	149.937	3	21.8	3718.44	927.487	84.32**	536.55	122.797	N/A	<b>5305.2714</b>	
50'	2	149.937	3	20.8	3568.5	1074.24	97.66**	518.3	122.797	N/A	<b>5283.8408</b>	
55'	2	149.937	3	20.8	3568.5	1379.64	125.42**	518.3	122.797	N/A	<b>5589.2387</b>	
55'	H1	149.937	3	20.7	3553.51	2634.67	239.52**	549.325	122.797	N/A	<b>6860.3023</b>	
60'	H1	149.937	3	20.6	3538.51	2866.98	260.63**	543.85	122.797	N/A	<b>7072.1402</b>	
65'	H1	149.937	3	20.6	3538.51	2829.79	257.25**	543.85	122.797	N/A	<b>7034.9534</b>	
70'	H1	149.937	3	22.5	3823.39	3270.32	297.3**	574.875	122.797	N/A	<b>7791.3823</b>	
75'	H1	149.937	3	22.4	3808.4	3630.59	330.05**	569.4	122.797	N/A	<b>8131.1909</b>	

NOTE: If the Expense for any of these columns (i.e. Columns #7,#8,#9 and #10) are already included within another defined expense column on the Pole Price Matrix categories [i.e. 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.**  
Matrix approved by Authorized Costs committee 8/19/2020  
(\* ) Cost Included in Column #2  
(\*\* ) Cost Included in Column #6  
(\*\*\*) Cost Included in Column #10  
(\*\*\*\*\*) 1/13/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:  
October 31, 2020

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

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

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'	3	198.27	4	16.65	\$4,094.28	\$455.19	\$86.49	\$339.78	\$256.40	*	\$5,232	
40'	3	198.27	4	16.65	\$4,094.28	\$554.87	\$105.43	\$339.78	\$256.40	*	\$5,351	
40'	H3	198.27	4	16.65	\$4,094.28	\$1,264.06	\$240.17	\$339.78	\$256.40	*	\$6,195	
45'	2	198.27	4	16.65	\$4,094.28	\$754.27	\$143.31	\$339.78	\$256.40	*	\$5,588	
45'	H3	198.27	4	16.65	\$4,094.28	\$1,264.06	\$240.17	\$339.78	\$256.40	*	\$6,195	
50'	2	198.27	4	16.65	\$4,094.28	\$1,025.57	\$194.86	\$339.78	\$256.40	*	\$5,911	
50'	H3	198.27	4	16.65	\$4,094.28	\$1,728.02	\$328.32	\$339.78	\$256.40	*	\$6,747	
55'	2	198.27	4	16.65	\$4,094.28	\$1,025.57	\$194.86	\$339.78	\$256.40	*	\$5,911	
55'	H3	198.27	4	16.65	\$4,094.28	\$2,000.30	\$380.06	\$339.78	\$256.40	*	\$7,071	
60'	2	198.27	4	16.65	\$4,094.28	\$1,174.86	\$223.22	\$339.78	\$256.40	*	\$6,089	
60'	H3	198.27	4	16.65	\$4,094.28	\$2,529.26	\$480.56	\$339.78	\$256.40	*	\$7,700	
65'	2	198.27	4	19.85	\$4,728.74	\$1,550.08	\$294.52	\$392.43	\$256.40	*	\$7,222	
70'	2	198.27	4	19.85	\$4,728.74	\$1,795.71	\$341.18	\$392.43	\$256.40	*	\$7,514	
70'	H3	198.27	4	19.85	\$4,728.74	\$3,181.26	\$604.44	\$392.43	\$256.40	*	\$9,163	
75'	2	198.27	4	19.85	\$4,728.74	\$1,795.71	\$341.18	\$392.43	\$256.40	*	\$7,514	
80'	2	198.27	4	19.85	\$4,728.74	\$2,074.94	\$394.24	\$392.43	\$256.40	*	\$7,847	
85'	2	198.27	4	19.85	\$4,728.74	\$2,306.07	\$438.15	\$392.43	\$256.40	*	\$8,122	
90'	2	198.27	4	19.85	\$4,728.74	\$2,771.96	\$526.67	\$392.43	\$256.40	*	\$8,676	
95'	2	198.27	4	19.85	\$4,728.74	\$3,093.78	\$587.82	\$392.43	\$256.40	*	\$9,059	
100'	2	198.27	4	19.85	\$4,728.74	\$3,451.94	\$655.87	\$392.43	\$256.40	*	\$9,485	
110'	1	198.27	4	19.85	\$4,728.74	\$3,451.94	\$655.87	\$392.43	\$256.40	*	\$9,485	

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

**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: **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	\$198.27	4	16.65	\$4,094.28	\$1,673.67	\$318.00	\$339.78	\$259.40	*	\$6,685	
45'	109,500 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,100.66	\$399.13	\$339.78	\$259.40	*	\$7,193	
50'	123,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,308.45	\$438.61	\$339.78	\$259.40	*	\$7,441	
55'	136,500 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,288.76	\$624.86	\$339.78	\$259.40	*	\$8,607	
60'	150,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,455.02	\$656.45	\$339.78	\$259.40	*	\$8,805	
65'		0	0	0	0						0	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

(\*\*\*\*\*) 1/13/2021 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 - Multiple Piece (CM) Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2020**

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

\*\*\*\*\*

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'	96,500 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,757.62	\$523.95	\$339.78	\$256.40	*	\$7,972	
45'	97,5000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,888.41	\$548.80	\$339.78	\$256.40	*	\$8,128	
50'	101,300 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$2,997.41	\$569.51	\$339.78	\$256.40	*	\$8,257	
55'	136,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,106.40	\$590.22	\$339.78	\$256.40	*	\$8,387	
60'	150,000 ft-lbs	\$198.27	4	16.65	\$4,094.28	\$3,259.01	\$619.21	\$339.78	\$256.40	*	\$8,569	
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.

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

Please submit to SCJPC by:  
**October 31, 2020**

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

\*\*\*\*\*

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
32.5'	230000 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,152.73	\$409.02	\$392.43	\$256.40	*	\$7,939	
35'		0	0	0	0						\$0	
40'		0	0	0	0						\$0	
45'		0	0	0	0						\$0	
50'	170,600 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,187.67	\$415.66	\$392.43	\$256.40	*	\$7,981	
55'	189300 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,718.91	\$516.59	\$392.43	\$256.40	*	\$8,613	
60'	208000 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$3,036.43	\$576.92	\$392.43	\$256.40	*	\$8,991	
65'	226700 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$3,225.50	\$612.85	\$392.43	\$256.40	*	\$9,216	
70'	245000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$3,432.03	\$652.09	\$476.34	\$256.40	*	\$10,557	
70' Heavy	318600 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,164.68	\$791.29	\$476.34	\$256.40	*	\$11,429	
75'	264,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$3,957.11	\$751.85	\$476.34	\$256.40	*	\$11,182	
75' Heavy	343,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,829.51	\$917.61	\$476.34	\$256.40	*	\$12,220	
80'	282,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,306.48	\$818.23	\$476.34	\$256.40	*	\$11,597	
80' Heavy	367,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$5,149.08	\$978.33	\$476.34	\$256.40	*	\$12,600	
85'	301,600 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,530.49	\$860.79	\$476.34	\$256.40	*	\$11,864	
90'	320,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$4,910.68	\$933.03	\$476.34	\$256.40	*	\$12,316	
100'	357,800 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$5,939.27	\$1,128.46	\$476.34	\$256.40	*	\$13,540	
110'	395,000 ft-lbs	\$198.27	4	24.95	\$5,739.92	\$7,092.19	\$1,347.52	\$476.34	\$256.40	*	\$14,912	

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

(\*) 1/13/2021 Cost Included in Column #2

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

Please submit to SCJPC by:  
October 31, 2020

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Ronald Schram**

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

\*\*\*\*\* Weighted Average  Individual Costs **XXXXXXXX**

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						\$0.00	
30'		0	0	0	0						\$0.00	
35'	2	\$198.27	4	19.85	\$5,201.25	\$5,201.25	\$988.24	\$392.43	\$256.40	*	\$12,039.57	
40'		0	0	0	0						\$0.00	
45'		0	0	0	0						\$0.00	
50'		0	0	0	0					*	\$0.00	
55'		0	0	0	0						\$0.00	
60'		0	0	0	0					*	\$0.00	
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

(\*\*\*\*) 1/13/2021 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: **LADWP**

Person completing worksheet: **Ronald Schram**

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

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

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 18% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'		0	0	0	0						0	
35'		0	0	0	0						0	
40'		0	0	0	0						0	
45'		0	0	0	0						0	
50'	98,600 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$1,980.34	\$378.03	392.43	\$256.40	*	\$7,736	
50' Heavy	143,900 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,346.34	\$378.03	\$392.43	\$256.40	*	\$8,102	
55'	133,100 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$2,803.76	\$378.03	\$392.43	\$256.40	*	\$8,559	
55' Heavy	221,800 ft-lbs	\$198.27	4	19.85	\$4,728.74	\$3,867.82	\$378.03	\$392.43	\$256.40	*	\$9,623	
60'		0	0	0	\$0.00						\$0	
65'		0	0	0	\$0.00						\$0	
70' Heavy	287,600 ft-lbs	\$198.27	4	22.25	\$5,204.59	\$5,324.26	\$378.03	\$431.92	\$256.40	*	\$11,595	
75' Heavy	319,600 ft-lbs	\$198.27	4	22.25	\$5,204.59	\$5,609.38	\$378.03	\$431.92	\$256.40	*	\$11,880	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	

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

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

(\*\*\*\*) 1/13/202 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:  
October 31, 2020

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 8.68%	Total Cost	Total # Joint Poles
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	Set
25'	5	\$268.41	4.00	8.20	\$3,274.58	\$238.03	\$18.21	*	\$268.41	\$329.77	<b>\$4,128.99</b>	0
30'	5	\$268.41	4.00	8.20	\$3,274.58	\$295.94	\$22.64	*	\$268.41	\$335.18	<b>\$4,196.74</b>	12
35'	3	\$268.41	4.00	8.20	\$3,274.58	\$511.86	\$39.16	*	\$268.41	\$355.36	<b>\$4,449.36</b>	1,273
40'	2	\$268.41	4.00	10.40	\$3,865.07	\$783.96	\$59.97	*	\$268.41	\$432.04	<b>\$5,409.45</b>	1,245
45'	2	\$268.41	4.00	10.40	\$3,865.07	\$1,168.41	\$89.38	*	\$268.41	\$467.96	<b>\$5,859.23</b>	8,387
50'	2	\$268.41	4.00	10.40	\$3,865.07	\$1,241.91	\$95.01	*	\$268.41	\$474.83	<b>\$5,945.23</b>	3,158
55'	2	\$268.41	4.00	10.40	\$3,865.07	\$1,261.44	\$96.50	*	\$268.41	\$476.66	<b>\$5,968.08</b>	1,012
60'	1	\$268.41	4.00	10.40	\$3,865.07	\$1,860.20	\$142.31	*	\$268.41	\$532.60	<b>\$6,668.59</b>	505
65'	1	\$268.41	4.00	12.60	\$4,455.57	\$2,417.42	\$184.93	*	\$268.41	\$635.93	<b>\$7,962.26</b>	992
70'	1	\$268.41	4.00	12.60	\$4,455.57	\$2,730.63	\$208.89	*	\$268.41	\$665.19	<b>\$8,328.69</b>	1,156
75'	1	\$268.41	4.00	12.60	\$4,455.57	\$2,941.41	\$225.02	*	\$268.41	\$684.89	<b>\$8,575.30</b>	883
80'	1	\$268.41	4.25	12.60	\$4,522.67	\$3,265.56	\$249.82	*	\$268.41	\$721.00	<b>\$9,027.46</b>	640
85'	1	\$268.41	4.25	12.60	\$4,522.67	\$3,693.65	\$282.56	*	\$268.41	\$761.00	<b>\$9,528.29</b>	282
90'	1	\$268.41	4.25	15.50	\$5,301.06	\$4,340.91	\$332.08	*	\$268.41	\$889.05	<b>\$11,131.50</b>	120
95'	1	\$268.41	4.25	15.50	\$5,301.06	\$4,455.21	\$340.82	*	\$268.41	\$899.72	<b>\$11,265.21</b>	48
100'	1	\$268.41	4.25	15.50	\$5,301.06	\$4,958.13	\$379.30	*	\$268.41	\$946.72	<b>\$11,853.61</b>	18
105'	1	\$268.41	4.25	15.50	\$5,301.06	\$3,110.61	\$237.96	*	\$268.41	\$774.09	<b>\$9,692.12</b>	6
110'	1	\$268.41	4.25	15.50	\$5,301.06	\$6,090.39	\$465.91	*	\$268.41	\$1,052.52	<b>\$13,178.28</b>	2

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

- (\*) 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 (CF) Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2020**

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

Person completing worksheet: \_\_\_\_\_

Call Back Telephone Number & Email: \_\_\_\_\_

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

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 7.65% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. 8.68% (\$)	Total Cost (\$)	Total # Joint Poles
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$268.41	4.00	8.20	\$3,274.58	\$915.95	\$70.07	*	\$268.41	\$393.12	<b>\$4,922.12</b>	<b>0</b>
35'	5	\$268.41	4.00	8.20	\$3,274.58	\$1,745.83	\$133.56	*	\$268.41	\$470.66	<b>\$5,893.03</b>	<b>82</b>
40'	5	\$268.41	4.00	10.40	\$3,865.07	\$2,011.05	\$153.85	*	\$268.41	\$546.70	<b>\$6,845.08</b>	<b>96</b>
45'	4	\$268.41	4.00	10.40	\$3,865.07	\$2,166.51	\$165.74	*	\$268.41	\$561.23	<b>\$7,026.96</b>	<b>1188</b>
50'	3	\$268.41	4.00	10.40	\$3,865.07	\$2,648.77	\$202.63	*	\$268.41	\$606.29	<b>\$7,591.17</b>	<b>194</b>
55'	3	\$268.41	4.00	10.40	\$3,865.07	\$3,057.25	\$233.88	*	\$268.41	\$644.46	<b>\$8,069.07</b>	<b>66</b>
60'	2	\$268.41	4.00	10.40	\$3,865.07	\$6,008.42	\$459.64	*	\$268.41	\$920.21	<b>\$11,521.75</b>	<b>8</b>
65'	H1	\$268.41	4.00	12.60	\$4,455.57	\$5,512.14	\$421.68	*	\$268.41	\$925.10	<b>\$11,582.90</b>	<b>15</b>
70'	H3	\$268.41	4.00	12.60	\$4,455.57	\$5,516.90	\$422.04	*	\$268.41	\$925.54	<b>\$11,588.46</b>	<b>3</b>
75'	H3	\$268.41	4.00	12.60	\$4,455.57	N/A	N/A	*	\$268.41	N/A	N/A	<b>0</b>
80'	H3	\$268.41	4.00	14.80	\$5,046.07	N/A	N/A	*	\$268.41	N/A	N/A	<b>0</b>
85'	H3	\$268.41	4.00	14.80	\$5,046.07	N/A	N/A	*	\$268.41	N/A	N/A	<b>0</b>
90'	H3	\$268.41	4.00	14.80	\$5,046.07	N/A	N/A	*	\$268.41	N/A	N/A	<b>0</b>
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.

- (\*) 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: **SOUTHERN CALIFORNIA EDISON COMPANY**

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 7.65%	Equipment Expense	1 Hour Engineering & Planning	Crane Charges	General & Admin. 8.68%	Total Cost
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$268.41	4.00	10.40	\$3,865.07	\$5,152.54	\$394.17	*	\$268.41	\$420.00	\$876.70	<b>\$10,976.89</b>
45'	0	\$268.41	4.00	10.40	\$3,865.07	\$5,489.39	\$419.94	*	\$268.41	\$420.00	\$908.17	<b>\$11,370.98</b>
50'	1	\$268.41	4.00	10.40	\$3,865.07	\$4,820.99	\$368.81	*	\$268.41	\$650.00	\$865.68	<b>\$10,838.96</b>
55'	1	\$268.41	5.00	10.40	\$4,133.48	\$5,142.73	\$393.42	*	\$268.41	\$650.00	\$919.04	<b>\$11,507.08</b>
60'	1	\$268.41	5.00	10.40	\$4,133.48	\$6,124.05	\$468.49	*	\$268.41	\$650.00	\$1,010.74	<b>\$12,655.17</b>
65'	1	\$268.41	5.00	12.60	\$4,723.98	\$6,374.69	\$487.66	*	\$268.41	\$920.00	\$1,108.85	<b>\$13,883.59</b>
70'	1	\$268.41	5.00	12.60	\$4,723.98	\$6,623.64	\$506.71	*	\$268.41	\$920.00	\$1,132.11	<b>\$14,174.85</b>
75'	1	\$268.41	5.00	12.60	\$4,723.98	\$6,901.44	\$527.96	*	\$268.41	\$950.00	\$1,160.67	<b>\$14,532.46</b>
80'	1	\$268.41	5.00	12.60	\$4,723.98	\$7,175.71	\$548.94	*	\$268.41	\$950.00	\$1,186.30	<b>\$14,853.34</b>
85'	1	\$268.41	5.00	12.60	\$4,723.98	\$7,519.97	\$575.28	*	\$268.41	\$1,210.00	\$1,241.03	<b>\$15,538.67</b>
90'	1	\$268.41	5.00	15.50	\$5,502.36	\$7,771.22	\$594.50	*	\$268.41	\$1,490.00	\$1,356.38	<b>\$16,982.87</b>
95'	1	\$268.41	5.00	15.50	\$5,502.36	\$8,147.90	\$623.31	*	\$268.41	\$1,490.00	\$1,391.58	<b>\$17,423.56</b>
100'	1	\$268.41	5.00	15.50	\$5,502.36	\$8,472.55	\$648.15	*	\$268.41	\$1,490.00	\$1,421.91	<b>\$17,803.38</b>
105'	1	\$268.41	5.00	15.50	\$5,502.36	\$8,894.23	\$680.41	*	\$268.41	\$1,490.00	\$1,461.31	<b>\$18,296.72</b>
110'	1	\$268.41	5.00	15.50	\$5,502.36	\$9,862.43	\$754.48	*	\$268.41	\$1,490.00	\$1,551.78	<b>\$19,429.46</b>

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

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

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>POLE MAINTENANCE AND MISCELLANEOUS</b>																				
1-Trenching/Moving 30'-35' WITH supply	Power	2708											2577	1592	3051	3819	4	2760		
1-Trenching/Moving 40'-45' WITH supply	Power	3241											3221	2276	3432	3819	4	3187		
1-Trenching/Moving 50'-55' WITH supply	Power	3889											3650	2959	4195	5092	4	3974		
1-Trenching/Moving 60'-65' WITH supply	Power	4374											4509	3643	4576	5092	4	4455		
1-Trenching/Moving 70'-75' WITH supply	Power	6581											5582	4326		10183	3	6697		
1-Trenching/Moving 80'-85' WITH supply	Power	7388											6871	5693		10183	3	7582		
1-Trenching/Moving 90'-95' WITH supply	Power	8062											8052	7059		10183	3	8432		
1-Trenching/Moving 100' WITH supply	Power	9093											8696	8426		10183	3	9102		
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	912	990	990	990	990	990	990	843	915							8	962		
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	927	990	990	990	990	990	990	843	1090							8	984		
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1550	1800	1800	1800	1800	1800	1800	843	1265							8	1614		
3-A- Lowering/Raising to Grade (one operation) 30'-35'	Power												2577		1525	3819	3	2640		
3- Lowering/Raising to Grade (one operation) 40'-45'	Power												3221		1907	3819	3	2982		
3- Lowering/Raising to Grade (one operation) 50'-55'	Power												3650		2288	3819	3	3252		
3- Lowering/Raising to Grade (one operation) 60'-65'	Power												4509		2669	3819	3	3666		
3- Lowering/Raising to Grade (one operation) 70'-75'	Power												5582			5092	2	5337		
3- Lowering/Raising to Grade (one operation) 80'-85'	Power												6871			5092	2	5981		
3- Lowering/Raising to Grade 90'-95'	Power												8052			5092	2	6572		
3- Lowering/Raising to Grade (one operation) 100'	Power												8696			5092	2	6894		
3-B- Lowering/Raising to Grade (one operation) 30'-35'	Communication								843	915							2	879		
3- Lowering/Raising to Grade (one operation) 40'-45'	Communication								843	1090							2	967		
3- Lowering/Raising to Grade (one operation) 50'-55'	Communication								843	1265							2	1054		
3- Lowering/Raising to Grade (one operation) 60'-65'	Communication								843								1	843		
3- Lowering/Raising to Grade (one operation) 70'-75'	Communication																0	#DIV/0!	NO PRICE	
3- Lowering/Raising to Grade (one operation) 80'-85'	Communication																0	#DIV/0!	NO PRICE	
3- Lowering/Raising to Grade 90'-95'	Communication																0	#DIV/0!	NO PRICE	
3- Lowering/Raising to Grade (one operation) 100'	Communication																0	#DIV/0!	NO PRICE	
4-A- Straightening in Earth 30'-35'	Power												1439		2051	2546	3	2012		
4- Straightening in Earth 40'-45'	Power												1439		2669	2546	3	2218		
4- Straightening in Earth 50'-55'	Power												1439		3432	2546	3	2472		
4- Straightening in Earth 60'-65'	Power												2126		4576	2546	3	3082		
4- Straightening in Earth 70'-75'	Power												2126			5092	2	3609		
4- Straightening in Earth 80'-85'	Power												2126			5092	2	3609		
4- Straightening in Earth 90'-95'	Power												2126			5092	2	3609		
4- Straightening in Earth 100'	Power												2126			5092	2	3609		
4-B- Straightening in Earth 30'-35'	Communication		630	630	630	630	630	630	843	915							8	692		
4- Straightening in Earth 40'-45'	Communication		630	630	630	630	630	630	843	1090							8	714		
4- Straightening in Earth 50'-55'	Communication		630	630	630	630	630	630	843	1265							8	736		
4- Straightening in Earth 60'-65'	Communication								843								1	843		
4- Straightening in Earth 70'-75'	Communication																0	#DIV/0!	NO PRICE	
4- Straightening in Earth 80'-85'	Communication																0	#DIV/0!	NO PRICE	
4- Straightening in Earth 90'-95'	Communication																0	#DIV/0!	NO PRICE	
4- Straightening in Earth 100'	Communication																0	#DIV/0!	NO PRICE	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	1043	810	810	810	810	810	810	534	828	1041	2484	1439	1252	1525	1591	14	1111		
5-B Removing From Service:Transporting	Both	313	180	180	180	180	180	180	374	215	520	261	859	208	342	477	14	310		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

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5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	671	810	810	810	810	810	810	72	303	520	1135	773	208	572	636	14	648		
5-D Removing From Service: Disposal	Both	670	810	810	810	810	810	810	669	215		683		693	1282	2546	12	912		
5-E Removing from service: Lowering	Both	543							806	215		1135	429		381	1273	6	707		
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	859	810	810	810	810	810	810	806	1265			1439		1144	1273	11	981		
6-A Pole Stubbing 8 Ft metal truss	Power	1394													1525		1	1525		
6-B Pole Stubbing 10-11 Ft metal truss	Power	1712									1952		1790		1525		3	1756		
6-C Pole Stubbing 11 Ft metal truss	Power	1523									1952		1790		1907		3	1883		
6-D Pole Stubbing 12 Ft metal truss	Power	1432											1790		1907		2	1848		
6-E Pole Stubbing 13 Ft metal truss	Power	1738													2051		1	2051		
6-F Pole Stubbing 14 Ft metal truss	Power	2252													2669		1	2669		
6-G Pole Stubbing 15.5 Ft metal truss	Power	2414													2669		1	2669		
6-H Pole Stubbing: Add'l metal trusses (all sizes)	Power	834													1525		1	1525		
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1429									2473		1119		763		3	1451		
<b>7 - Intentionally left blank</b>																				
8-A Semi Cir. Pole Guards - Installation	Both	184							125	215			346				3	229		
8-B Semi Cir. Pole Guards - Transferring	Both	176							125	215			307				3	216		
<b>9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)</b>																				
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1758	1620	1620	1620	1620	1620	1620	1219	828	2082	3145	1718	2040	2610	2546	14	1850		
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1625	1620	1620	1620	1620	1620	1620	671	828	2082	2044	1718	1912		2546	13	1655		
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1584	1620	1620	1620	1620	1620	1620	1219	828		2044	1718	1912		2546	12	1666		
<b>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)</b>																				
10-A Cement break and temporary repair	Both	1363	1890	1890	1890	1890	1890	1890	326	740	520	1512	1147	1109	3008	1909	14	1544		
10-B Asphalt break & repair	Both	1368	2100	2100	2100	2100	2100	2100	224	478	1187	1804	464	975	2089	1273	14	1507		
10-C Cement saw cut brk&repair-based on 25 square feet	Both	876	1500	1500	1500	1500	1500	1500	713	1003	1311	1329	1316	1363	3008	1909	14	1497		
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	1308	3000	3000	3000	3000	3000	3000	1426	1003		2536	2124		4579	1909	12	2631		
10-E ADA accessible ramp	Both	9987	2500	2500	2500	2500	2500	2500	2585	3541						2546	9	2630		
<b>11-Joint Rights of Way-by special agreement</b>																				
<b>12-A-Reserved for future use</b>																				
12-B Pole Inspect/Treat-Partial Dig	Power	196											245		348		2	296		
12-C Pole Inspect/Treat-Sound&Bore	Power	193											245		348		2	296		
12-D Pole Inspect/Treat-Full Treatment	Power	202											245		348		2	296		
12-E Pole Inspect/Treat-Reject	Power	197											245		348		2	296		
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	211											245	132	389		3	255		

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<b>13-A</b> Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Power	315	360	360	360	360	360	360							329	64	8	319	Communication companies submitted prices. CHANGE TO "BOTH" FROM POWER? 1/20/2021		
<b>13-B</b> Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	345	360	360	360	360	360	360	69	303		673	531		329	64	12	344			
<b>13-C</b> Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																					
<b>13-D</b> Traffic Control (By Special Agreement Section 1.2)																					
<b>14-A</b> JPA Administrative Fee (per pole cost) - Failure to Final JPA: Including correction of records	Both	315	275	275	275	275	275	275	137	215		368	745	104	116		12	278			
<b>14-B</b> JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	178	150	150	150	150	150	150	137	215		246	555	104	48		12	184			
<b>14-C</b> 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	200	160	160	160	160	160	160				293		209	48		9	168			
<b>15-A</b> Pole Marking-Tagging	Both	64	45	45	45	45	45	45	72	84		59	48	26	149	25	13	56			
<b>15-B</b> Pole Marking-Visibility Strips	Both	56	45	45	45	45	45	45	72	84	60	59	51	26	157	25	14	57			
<b>16-A</b> Backhoe 2/hr minimum	Both	345	270	270	270	270	270	270	802	280					648	636	10	399			
<b>16-B</b> Backhoe - each additional Hour (inclusive operator & truck)	Both	190	180	180	180	180	180	180	401	160					365	636	10	264			
<b>17 Title: Wood Pole Fiberglass wrap restoration:</b>																					
<b>17-A</b> Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810															0	#DIV/0!	NO PRICE		
<b>17-B</b> Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427															0	#DIV/0!	NO PRICE		
<b>17-C</b> Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428															0	#DIV/0!	NO PRICE		
<b>17-D</b> Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116															0	#DIV/0!	NO PRICE		
<b>18-A</b> ModPole Material & Installation 9'	Power	1325													4549		1	4549			
<b>18-B</b> ModPole Material & Installation 14'	Power	1438															0	#DIV/0!	NO PRICE		
<b>18-C</b> ModPole Material & Installation 18'	Power	1663															0	#DIV/0!	NO PRICE		
<b>19-A</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Power										2082	4907	1997	2183	1907	7638	6	3452			
<b>19-B</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Power										2602	4907	2641	2321	2288	10183	6	4157			
<b>19-C</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Power												4820	2876	3813	15275	4	6696			
<b>19-D</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Communication		1890	1890	1890	1890	1890	1890	1956	1440							8	1842			
<b>19-E</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Communication		1890	1890	1890	1890	1890	1890	1956	2140							8	1930			
<b>19-F</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Communication		2790	2790	2790	2790	2790	2790	1956	2665							8	2670			
<b>TRANSFER COSTS GUY WIRES -----</b>																					
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																					
<b>20- A</b> All types and sizes, each end	Power											661	687	892	708	477	5	685			

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<b>20- B</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Power											979	687	892	709	636	5	781			
<b>20-C</b> Insulator relocation	Power											973	236		354	636	4	550			
<b>20- D</b> All types and sizes, each end	Communication		400	400	400	400	400	400	355	303							8	382			
<b>20- E</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Communication		450	450	450	450	450	450	355	828							8	485			
<b>20-F</b> Insulator relocation	Communication		270	270	270	270	270	270	355	303							8	285			
<b>TRANSFER COSTS - POWER CIRCUITS</b>																					
<b>21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:</b>																					
<b>21 - A 0-7.5 kv single Arm (includes service arm)</b>																					
Transfer Arm	Power	523											794	255		318	3	456			
Transfer Conductor (splicing required)	Power	424											408	510		318	3	412			
Transfer Conductor (no splicing)	Power	286											279	255		318	3	284			
<b>21 - B 0-7.5 kv double arm</b>																					
Transfer Arm	Power	1016											1524	382		318	3	742			
Transfer Conductor (splicing required)	Power	424											408	765		318	3	497			
Transfer Conductor (no splicing)	Power	286											279	382		318	3	327			
<b>21 - C 0-7.5 kv double arm with reinforcing bracket</b>																					
Transfer Arm	Power	1637											2705			318	2	1512			
Transfer Conductor (splicing required)	Power	424											408			318	2	363			
Transfer Conductor (no splicing)	Power	286											279			318	2	299			
<b>21 - D 0-7.5kv sidearm - single</b>																					
Transfer Arm	Power	315														318	1	318			
Transfer Conductor (splicing required)	Power	472														318	1	318			
Transfer Conductor (no splicing)	Power	315														318	1	318			
<b>21 - E 0-7.5kv sidearm - double</b>																					
Transfer Arm	Power	1400											2190			318	2	1254			
Transfer Conductor (splicing required)	Power	483											537			318	2	428			
Transfer Conductor (no splicing)	Power	345											408			318	2	363			
<b>21 - F 7.6-15kv single arm</b>																					
Transfer Arm	Power	315														636	1	636			
Transfer Conductor (splicing required)	Power	787														636	1	636			
Transfer Conductor (no splicing)	Power	630														636	1	636			
<b>21 - G 7.6-15kv double arm</b>																					
Transfer Arm	Power	630														636	1	636			
Transfer Conductor (splicing required)	Power	787														636	1	636			
Transfer Conductor (no splicing)	Power	630														636	1	636			
<b>21 - H 7.6-15kv sidearm - single</b>																					
Transfer Arm	Power	630														636	1	636			
Transfer Conductor (splicing required)	Power	787														636	1	636			
Transfer Conductor (no splicing)	Power	630														636	1	636			
<b>21 - I 7.6-15kv sidearm - double</b>																					
Transfer Arm	Power	1102														636	1	636			

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

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Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - J 16-34kv single arm</b>																				
Transfer Arm	Power	809											1245	255		636	3	712		
Transfer Conductor (splicing required)	Power	798											880	510		636	3	676		
Transfer Conductor (no splicing)	Power	660											751	255		636	3	548		
<b>21 - K 16-34kv double arm</b>																				
Transfer Arm	Power	1193											1739	382		636	3	919		
Transfer Conductor (splicing required)	Power	798											880	765		636	3	761		
Transfer Conductor (no splicing)	Power	660											751	382		636	3	590		
<b>21 - L 16-34kv double arm with reinforcing bracket</b>																				
Transfer Arm	Power	1816											2924			636	2	1780		
Transfer Conductor (splicing required)	Power	798											880			636	2	758		
Transfer Conductor (no splicing)	Power	660											751			636	2	694		
<b>21 - M 16-34kv sidearm - single</b>																				
Transfer Arm	Power	787														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - N 16-34kv sidearm - double</b>																				
Transfer Arm	Power	1637											2362			636	2	1499		
Transfer Conductor (splicing required)	Power	857											1009			636	2	823		
Transfer Conductor (no splicing)	Power	719											880			636	2	758		
<b>21 - O 66-115kv single arm</b>																				
Transfer Arm	Power	945														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - P 66-115kv double arm</b>																				
Transfer Arm	Power	1259														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - Q 66-115kv steel arm</b>																				
Transfer Arm	Power	1036														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
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.																				
<b>22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:</b>																				
22-A 0-750 volt secondary	Power	286											451	111		159	3	240		
22-B 750-7,500 volt primary	Power	611											644	166		636	3	482		

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22-C 7.6-115kv - 1 or 2 strain insulators	Power	1459											2147	166		955	3	1089		
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1538											2319			955	2	1637		
22-E 7.6-115kv - 5 or 6 strain insulators	Power	945														955	1	955		
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost																				
<b>23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)</b>																				
23-A Flat to vertical 7.5-115kv single arm per pole	Power	2622											3135			2387	2	2761		
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	2291											3135			1703	2	2419		
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2732											3135			2594	2	2864		
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2622											3135			2387	2	2761		
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	2291											3135			1703	2	2419		
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2732											3135			2594	2	2864		
NOTE: Cost of rebonding is included in above prices.																				
24 - A Bonding Per Pole: Single circuit-all voltages	Power	453											472			477	2	475		
24 - B Bonding Per Pole: Double circuit-all voltages	Power	749											945			636	2	791		
25 - Ground Wire, Incl. protective covering	Power	855											902			477	2	690		
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	374											301			477	2	389		
Plus Conductor ea.	Power	256											215			318	2	266		
27 - B Bracket, Triplex	Power	266											236			318	2	277		
Plus Triplex conductor	Power	256											215			318	2	266		
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	286											279	111		80	3	157		
28 - B Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	392											408	111		159	3	226		
28 - C Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	286											279	111		159	3	183		
29 - A Transformers 1-1/2 to 25 KVA each	Power	3618											5132			2546	2	3839		
29 - B Transformers 30 to 167 KVA each	Power	3933											5132			3182	2	4157		
29 - C Mounting Brackets, two transformers	Power	444											623			264	2	443		
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	5851											4509			7638	2	6073		
30-B Capacitors/capacitor bank non-switched	Power	3823											4208			3819	2	4014		
31-A Street Lights Ctr Susp type-span end	Power	2834														318	1	318		
31-B Street Lights Ctr Susp type-Feed end	Power	3149														668	1	668		
31-C Street Lights Gooseneck or brket type open wire	Power	2834														318	1	318		
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	818											751			668	2	710		
31-E Street Lights Mast arm type	Power	818											751			891	2	821		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
31-F Street Lights Pole top pin and insulator-single	Power	403											363			57	2	210		
31-G Street Lights Pole top pin and insulator-Double	Power	472														86	1	86		
32 Meter of Time Switch Control Box (Price by field agreement)																				
33-A Support single insulator fiberglass	Power	316											344				1	344		
33-B Support Double insulator fiberglass	Power	363											395				1	395		
33-C Support Triple insulator fiberglass	Power	INTENTIONALLY LEFT BLANK															0	#DIV/0!	NO PRICE	NOTE: "INTENTIONALLY LEFT BLANK" 4/16/2019 NO PRICE
33-D Support Pole Top insulator fiberglass	Power	334											363				1	363		
34 Support, single deadend fiberglass	Power	316											344				1	344		
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	473											687			318	2	503		
35-B Insulator mounting brkets-Double(vertical)	Power	868											1374			477	2	926		
35-C Insulator mounting brkets-Single, over 40KV	Power	945														955	1	955		
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	441														430	1	430		
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	630														621	1	621		
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	7556														7638	1	7638		
38- Insulator assembly bracket for endarm mountings	Power	526											459			1273	2	866		
NOTE: Refer to Item 21 for conductor cost																				
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)																				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS</b>																				
74-Semi-circular cable guard ("U" guard): transferring	Communication	233	270	270	270	270	270	270	125	215							8	245		
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	291	270	270	270	270	270	270	355	215		566					9	306	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	306	270	270	270	270	270	270	355	215		716					9	323	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	81	45	45	45	45	45	45	355	84		65					9	86	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	77	45	45	45	45	45	45	355	84		47					9	84	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
79-Multiple Distribution Service Wire on line pole	Communication	129	90	90	90	90	90	90	355	215							8	139		
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	112	68	68	68	68	68	68	355	215							8	122		
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	121	90	90	90	90	90	90	355	128							8	128		
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	446	450	450	450	450	450	450	446	478		716					9	482	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	475	450	450	450	450	450	450	446	653		866					9	518	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	462	450	450	450	450	450	450	446	478		872					9	500	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019	
<b>82-D</b> Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm NOTE: The above prices do not include cable terminals.	Communication	467	450	450	450	450	450	450	446	740		716					9	511	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>83-A</b> Cable attached direct to pole (complete)	Communication	283	270	270	270	270	270	270	355	303		417		111			10	280	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>83-B</b> Cable attached (additional work required) (new item)	Communication	193	180	180	180	180	180	180	355	303		492					9	248	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>84-A</b> Messenger reinforcing units-Strap each	Communication	214	270	270	270	270	270	270	355	128							8	263			
<b>84-B</b> Messenger reinforcing units-Link each	Communication	214	270	270	270	270	270	270	355	128							8	263			
<b>85-A</b> Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	319	270	270	270	270	270	270	355	478		641		111			10	320	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>85-B</b> Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	348	270	270	270	270	270	270	355	653		791					9	380	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>85-C</b> Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	334	270	270	270	270	270	270	355	478		791					9	360	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>85-D</b> Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	317	270	270	270	270	270	270	355	740		417					9	348	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>86</b> -Messenger dead end, all sizes-with or without cable	Communication	307	270	270	270	270	270	270	355	303		660					9	326	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>87-A</b> Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	242	270	270	270	270	270	270	355	215		339					9	281	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
<b>87-B</b> Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	371	360	360	360	360	360	360	355	828							8	418			
<b>87-C</b> Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	333	360	360	360	360	360	360	355	215							8	341			
<b>88</b> -Multiple Distribution Wire terminal Transfer	Communication	220	251	251	251	251	251	251	355	215							8	259			
<b>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):</b>																					
<b>89-A</b> Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	172							457	215							2	336			
<b>89-B</b> Cable terminal replacement Ready Access 24 Pair or less	Communication	172							457	215							2	336			
<b>89-C</b> Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	203							938	303							2	620			
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																					
<b>89-D</b> Cable terminal replacement- Multiple Distribution Stub for Ready Access type	Communication	282							938	215							2	576			

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019	
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	283	321	321	321	321	321	321	329	215							8	309			
91-B Cable Splicing/per splice/per pair=25 pr	Communication	286	325	325	325	325	325	325	329	215							8	312			
91-C Cable Splicing/per splice/per pair=50 pr	Communication	339	375	375	375	375	375	375	329	390							8	371			
91-D Cable Splicing/per splice/per pair=100 pr	Communication	494	561	561	561	561	561	561	329	565							8	533			
91-E Cable Splicing/per splice/per pair=200 pr	Communication	756	823	823	823	823	823	823	598	1003							8	817			
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1051	1118	1118	1118	1118	1118	1118	866	1528							8	1138			
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1221	1278	1278	1278	1278	1278	1278	1135	1790							8	1324			
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1759	1809	1809	1809	1809	1809	1809	1733	2753							8	1917			
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2037	2093	2093	2093	2093	2093	2093	2002	3191							8	2219			
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2334	2401	2401	2401	2401	2401	2401	2270	3628							8	2538			
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2600	2719	2719	2719	2719	2719	2719	2599	3628							8	2818			
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3485	3585	3585	3585	3585	3585	3585	3405	5378							8	3787			
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	347	318	318	318	318	318	318	417	303		596					9	358	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
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	1497	1851	1851	1851	1851	1851	1851	782	390							8	1535			
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2467	3000	3000	3000	3000	3000	3000	1130	740							8	2484			
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	3145	3832	3832	3832	3832	3832	3832	1364	915							8	3159			
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3638	4417	4417	4417	4417	4417	4417	1538	1090							8	3641			
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4771	5794	5794	5794	5794	5794	5794	1886	1353							8	4750			
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	6668	8035	8035	8035	8035	8035	8035	2583	2053							8	6606			
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	12382	15116	15116	15116	15116	15116	15116	4081	5116							8	12487			
94-A-8 Any size above and beyond by special agreement Section 1.2																					
97-Transfer meter curcuit breaker box/disconnect box	Communication	775	810	810	810	810	810	810	218	215		973					9	696	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021		
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.																					
<b>INSTALLATION COSTS - GUYS AND ANCHORS</b>																					
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Power											771	697	470	369	636	5	589			

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019	
<b>110 - B</b> Guy wire complete Make-up-Anchor guy	Power											1005	564	531	499	318	5	583			
<b>110 - C</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	Power												224		375	636	3	412			
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	Power											247	697	470	369	477	5	452			
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	Power											341	128	165	381	64	5	216			
<b>110 - F</b> Guy wire complete Make-up-overhead, span, or arm guy	Communication		450	450	450	450	450	450	574	828							8	513			
<b>110 - G</b> Guy wire complete Make-up-Anchor guy	Communication		450	450	450	450	450	450	314	828							8	480			
<b>110 - H</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	Communication		450	450	450	450	450	450	314	215							8	404			
<b>110 - I</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	Communication		450	450	450	450	450	450	574	215							8	436			
<b>110 - J</b> Guy wire comp. Make-up-Guy guards	Communication		450	450	450	450	450	450	314	215							8	404			
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.																					
<b>111 - A</b> Anchors-expanding plate(Hand Dig)	Both	1120	810	810	810	810	810	810	574	828		2265	1881	1446	2078	636	13	1121			
<b>111 - B</b> Anchors-expanding plate(Truck access)	Both	726	810	810	810	810	810	810	574	828			1022		476	636	11	763			
<b>111 - C</b> Anchors-PISA screw anchor	Both	761	810	810	810	810	810	810	574	828	1121	1156	677	610	476	636	14	781			
<b>111 - D</b> Anchors-Hydraulically driven (mantaray)	Both	708	810	810	810	810	810	810	574	828			592		798	318	11	725			
<b>111 - E</b> Anchors-Concreting an anchor	Both	397	281	281	281	281	281	281	574	828					1451		9	504			
<b>111 - F</b> Anchors-Sale of abandoned anchor to another utility-all sizes	Both	374	233	233	233	233	233	233	574	828		1198			321	318	11	421			
<b>111 - G</b> Anchors-Existing anchor purchase (Rear property)	Both	659	672	672	672	672	672	672	574	828		1586		1012	321	2546	12	908			
<b>111 - H</b> Anchors-Existing Anchor Purchase (street/alley)	Both	387	356	356	356	356	356	356	574	828		809		1012	321	636	12	526			
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.																					
<b>112 - A</b> Sidewalk anchor fittings-2" pipe brace & fittings	Both	317	270	270	270	270	270	270	314	828						318	9	342			
<b>112 - B</b> Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	355	270	270	270	270	270	270	314	828		646	488		337	318	12	379			
<b>112 - C</b> Sidewalk anchor fittings-3" pipe brace & fittings	Both	334	270	270	270	270	270	270	314	828						318	9	342			
<b>112 - D</b> Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	324	270	270	270	270	270	270	700	828		452					9	400			
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.																					
<b>115 - A</b> Heel/toe bracing pole-with treated wood blocks, new pole	Both	513	810	810	810	810	810	810	1166	828		646			763	636	11	809			
<b>115 - B</b> Heel/toe bracing pole-with treated wood blocks, existing pole	Both	772	810	810	810	810	810	810	1166	828					763	1114	10	873			
<b>115 - C</b> Heel/toe bracing pole-with fiberglass blocks, new pole	Both	570	810	810	810	810	810	810	1166	828			1447		763	955	11	911			
<b>115 - D</b> Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	973	990	990	990	990	990	990	1166	828			2178		763	1591	11	1133			
<b>116 - A</b> Breast blocking only, new or existing pole-w/treated wood block	Both	695	540	540	540	540	540	540		828					1525	318	9	657			

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
<b>116 - B</b> Breast blocking only, new or existing pole-w/concrete block	<b>Both</b>	<b>628</b>	540	540	540	540	540	540		828		646			1525		9	<b>693</b>		
<b>116 - C</b> Breast blocking only, new or existing pole-w/fiberglass block	<b>Both</b>	<b>679</b>	540	540	540	540	540	540		828			1162		1525	796	10	<b>755</b>		
<b>119 -</b> Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).																				
<b>INSTALLATION COSTS - POWER CIRCUITS</b>																				
<b>120 Crossarms, standard line (pins and insulators are extra):</b> <b>These are costs for installation or attachment to existing</b> <b>(For attachment to existing, use arm cost only)</b>																				
<b>120 - A</b> 0-7.5KV single <b>WOODEN</b> arm	<b>Power</b>	<b>415</b>											482			318	2	<b>400</b>		
<b>CF ARM</b>	<b>Power</b>	<b>601</b>											638			318	2	<b>478</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>286</b>											285			318	2	<b>302</b>		
<b>120 - B</b> 0-7.5KV Double <b>WOODEN</b> arm	<b>Power</b>	<b>807</b>											907			318	2	<b>613</b>		
<b>CF ARM</b>	<b>Power</b>	<b>1150</b>											1220			318	2	<b>769</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>286</b>											285			318	2	<b>302</b>		
<b>120 - C</b> 0-7.5KV Double <b>WOODEN</b> arm with reinforcing brackets	<b>Power</b>	<b>1567</b>											2188			318	2	<b>1253</b>		
<b>CF ARM</b>	<b>Power</b>	<b>2341</b>											2501			318	2	<b>1409</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>286</b>											285			318	2	<b>302</b>		
<b>120 - D</b> 0-7.5KV <b>WOODEN</b> Sidearm-single	<b>Power</b>	<b>896</b>														318	1	<b>318</b>		
<b>CF ARM</b>	<b>Power</b>	<b>BLANK</b>														318	1	<b>318</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 - E</b> 0-7.5KV <b>WOODEN</b> Sidearm-Double	<b>Power</b>	<b>1105</b>											1396			318	2	<b>857</b>		
<b>CF ARM</b>	<b>Power</b>	<b>1498</b>											1582			318	2	<b>950</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>345</b>											414			318	2	<b>366</b>		
<b>120 - F</b> 7.6-15KV Single <b>WOODEN</b> arm	<b>Power</b>	<b>410</b>														318	1	<b>318</b>		
<b>CF ARM</b>	<b>Power</b>	<b>BLANK</b>														318	1	<b>318</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 - G</b> 7.6-15KV Double <b>WOODEN</b> arm	<b>Power</b>	<b>817</b>														318	1	<b>318</b>		
<b>CF ARM</b>	<b>Power</b>	<b>BLANK</b>														318	1	<b>318</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 - H</b> 7.6-15KV <b>WOODEN</b> Sidearm-single	<b>Power</b>	<b>444</b>														318	1	<b>318</b>		
<b>CF ARM</b>	<b>Power</b>	<b>BLANK</b>														318	1	<b>318</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 - I</b> 7.6-15KV <b>WOODEN</b> Sidearm-Double	<b>Power</b>	<b>894</b>														318	1	<b>318</b>		
<b>CF ARM</b>	<b>Power</b>	<b>BLANK</b>														318	1	<b>318</b>		
<b>Plus conductor</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 -J</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Single arm	<b>Power</b>	<b>830</b>											1338			318	2	<b>828</b>		
<b>CF ARM</b>	<b>Power</b>	<b>1389</b>											1494			318	2	<b>906</b>		
<b>16-34KV</b>	<b>Power</b>	<b>286</b>											279			318	2	<b>299</b>		
<b>66-115KV</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 -K</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Double arm	<b>Power</b>	<b>1239</b>											1763			636	2	<b>1200</b>		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	Notes/ Comments FROM 2019
<b>CF ARM</b>	<b>Power</b>	<b>1938</b>											2076			636	2	<b>1356</b>		
<b>16-34KV</b>	<b>Power</b>	<b>286</b>											285			636	2	<b>461</b>		
<b>66-115KV</b>	<b>Power</b>	<b>315</b>														636	1	<b>636</b>		
<b>120 -L</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Double arm w/rein brckets	<b>Power</b>	<b>2040</b>											3142			796	2	<b>1969</b>		
<b>CF ARM</b>	<b>Power</b>	<b>2932</b>											3142			318	2	<b>1730</b>		
<b>16-34KV</b>	<b>Power</b>	<b>286</b>											285			636	2	<b>461</b>		
<b>66-115KV</b>	<b>Power</b>	<b>315</b>														636	1	<b>636</b>		
<b>120 -M</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Sidearm single	<b>Power</b>	<b>588</b>														318	1	<b>318</b>		
<b>CF ARM</b>	<b>Power</b>	<b>BLANK</b>														318	1	<b>318</b>		
<b>16-34KV</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>66-115KV</b>	<b>Power</b>	<b>315</b>														318	1	<b>318</b>		
<b>120 -N</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Sidearm Double	<b>Power</b>	<b>1610</b>											2438			636	2	<b>1537</b>		
<b>CF ARM</b>	<b>Power</b>	<b>2286</b>											2438			636	2	<b>1537</b>		
<b>16-34KV</b>	<b>Power</b>	<b>345</b>											414			636	2	<b>525</b>		
<b>66-115KV</b>	<b>Power</b>	<b>315</b>														636	1	<b>636</b>		
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.																				
<b>121. Pole top extensions, including arms (pins and insulators are extra):</b>																				
<b>121 -A</b> Pole top extensions, including arms: 6-7 ft extension (extension complete)	<b>Power</b>	<b>2262</b>											1372			1909	2	<b>1641</b>		
<b>Plus conductor each</b>	<b>Power</b>	<b>345</b>											414			318	2	<b>366</b>		
<b>121 -B</b> Pole top extensions, including arms:8-9 ft extension (extension complete)	<b>Power</b>	<b>3019</b>											3166				1	<b>3166</b>		
<b>Plus conductor each</b>	<b>Power</b>	<b>375</b>											414				1	<b>414</b>		
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.																				
<b>122 -A</b> Insulators including pins and hardware: 0-7.5kV pin type, each	<b>Power</b>	<b>136</b>											183			95	2	<b>139</b>		
<b>122 -B</b> Insulators including pins and hardware: 11 or 16kV pin type each	<b>Power</b>	<b>138</b>														95	1	<b>95</b>		
<b>122 -C</b> Insulators including pins and hardware: 34kV pin type each	<b>Power</b>	<b>358</b>											578			95	2	<b>337</b>		
<b>122 -D</b> Insulators including pins and hardware: 66kV pin type each	<b>Power</b>	<b>341</b>														191	1	<b>191</b>		
<b>122 -E</b> Insulators including pins and hardware: 11 and 16kV post type each	<b>Power</b>	<b>169</b>														95	1	<b>95</b>		
<b>122 -F</b> Insulators including pins and hardware: 34kV post type each	<b>Power</b>	<b>376</b>											615			95	2	<b>355</b>		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

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<b>122 -G</b> Insulators including pins and hardware: 66KV post type each	Power	480														191	1	191		
<b>122 -H</b> Insulators including pins and hardware: 34-115kv suspension (strain)	Power	246														191	1	191		
<b>123. Dead ends, on arm or direct to pole, per each strain dead end:</b>																				
<b>123 -A</b> 0-750 volt secondary	Power	177											203			80	2	141		
<b>123 -B</b> 750-7,500 volt primary	Power	197											281			80	2	180		
<b>123 -C</b> 11 or 16KV-1 strain insulator	Power	188														80	1	80		
<b>123 -D</b> 11 or 16KV-2 strain insulators	Power	241														118	1	118		
<b>123 -E</b> 34kv - 4/0 conductor or smaller - 2 insulators	Power	454														159	1	159		
<b>123 -F</b> 34kv - 4/0 conductor or smaller - 3 insulators	Power	494											345			207	2	276		
<b>123 -G</b> 34kv - larger than 4/0 conductor - 3 insulators	Power	521											345			207	2	276		
<b>123 -H</b> 66 to 115kv - 4/0 conductor or smaller - 4 insulators	Power	1276														318	1	318		
<b>123 -I</b> 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1347														318	1	318		
<b>123 -J</b> 750-7500 volt primary silicone insulators	Power	227											245				1	245		
<b>123 -K</b> 34KV - silicone insulators	Power	322											345				1	345		
<b>NOTE:</b>																				
Add \$74 for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$165 for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$180 for each additional insulator on item (g).	Power	180															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$246 for each additional insulator on item (h).	Power	246															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262															0	#DIV/0!	NO PRICE	USE 2017 PRICES 4/16/2019
<b>124 -A</b> Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	295											271			318	2	295		
<b>Plus conductor ea.</b>	Power	256											220			318	2	269		
<b>124 -B</b> Racks/Brackets,secondary - Bracket, triplex	Power	208											221			239	2	230		
<b>Plus triplex conductor ea.</b>	Power	256											235			318	2	277		
<b>125 -</b> Ground assembly, complete <i>Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.</i>	Power	628											742			477	2	610		
<b>126-A</b> Support: single insulator, fiberglass	Power	276											296				1	296		
<b>126-B</b> Support: Double insulator, fiberglass	Power	379											405				1	405		
<b>126-C</b> Support: Triple insulator, fiberglass	Power	INTENTIONALLY LEFT BLANK															0	#DIV/0!	NO PRICE	NOTE: "INTENTIONALLY LEFT BLANK" 4/16/2019 (NO PRICE)
<b>126-D</b> Support: Pole Top insulator, fiberglass	Power	287											294				1	294		
<b>127</b> Support, single dead end fiberglass	Power	286											277				1	277		
<b>128-A</b> Insulator mounting bracket-single(vertical or horizontal)	Power	562											605				1	605		
<b>128-B</b> Insulator mounting bracket-Double(vertical)	Power	1124											1210				1	1210		
<b>128-C</b> Insulator mounting bracket-Single over 40KV	Power	1157														955	1	955		
<b>129-A</b> Steel Crossarm, squirrel cage brcket, including insulator-Single	Power	550															0	#DIV/0!	NO PRICE	Use 2017 prices 4/16/2019
<b>129-B</b> Steel Crossarm, squirrel cage brcket, including insulator-Double	Power	491															0	#DIV/0!	NO PRICE	

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<b>130</b> Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	NO PRICE	
<b>131</b> Insulator assembly bracket for endarm mounting	Power	604											558			1273	2	916		
<b>132-A</b> mounting bracket: two transformers	Power	584											627			318	2	473		
<b>132-B</b> mounting bracket: three transformers NOTE: Refer to Item 120 for conductor cost.	Power	980											1033			414	2	724		
<b>149</b> - Installation of power line equip. not listed-Special Agreement 1.2.																				
<b>INSTALLATION COSTS - COMMUNICATION CIRCUITS -----</b>																				
<b>159</b> -Semi-circular cable guard ("U" guard): installation	Communication	184	180	180	180	180	180	180	125	303		286					9	199	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
<b>160. Crossarms: (For installation or attachment to existing with service wire only):</b>																				
<b>160-A</b> Crossarms-single wood service	Communication	260	270	270	270	270	270	270	379	215		323					9	282	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
<b>160-B</b> Crossarms-Double wood service	Communication	268	270	270	270	270	270	270	379	215		398					9	290	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
<b>160-C</b> Crossarms-Composite Fiberglass Arm	Communication	256	270	270	270	270	270	270	379	215							8	277		
<b>160-D</b> Crossarms-Attach to existing arm no charge	Communication																			
<b>161. Guard arms: (For installation or attachment to existing with service wire only):</b>																				
<b>161-A</b> Guard arms-single wood service	Communication	254	270	270	270	270	270	270	379	215		323					9	282	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
<b>161-B</b> -Guard arms-Double wood service	Communication	336	360	360	360	360	360	360	379	215		398					9	350	Power company submitted price. CHANGE TO "BOTH" FROM COMM? 1/20/2021	
<b>161-C</b> -Guard arms-Composite Fiberglass	Communication	249	270	270	270	270	270	270	379	215							8	277		
<b>163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:</b>																				
<b>163 - A</b> Drive hook with one wedge grip unit	Communication	75	45	45	45	45	45	45	379	128							8	97		
<b>163 - B</b> Additional wedge grip units on same hook, each	Communication	75	45	45	45	45	45	45	379	128							8	97		
<b>164 - A</b> Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
<b>CF ARM</b>	Communication	199	200	200	200	200	200	200		171							7	196		
<b>164 - B</b> Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
<b>CF ARM</b>	Communication	185	200	200	200	200	200	200		171							7	196		
<b>164 - C</b> Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
<b>CF ARM</b>	Communication	185	200	200	200	200	200	200		171							7	196		
<b>164 - D</b> Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	252	270	270	270	270	270	270	379	171							8	271		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

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<b>164 - E</b> Cable arm(install or attach to existing)-Attach to existing cable arm- <b>NO CHARGE</b>																					
<b>165 -</b>	Cable attached direct to interset pole, each	<b>Communication</b>	<b>261</b>	270	270	270	270	270	270	355	189						8	<b>270</b>			
<b>166 - A</b>	Messenger reinforcing units-reinforcing strap ea.	<b>Communication</b>	<b>110</b>	68	68	68	68	68	68	355	189						8	<b>119</b>			
<b>167 - A</b>	Messenger without cable - single arm	<b>Communication</b>	<b>318</b>	270	270	270	270	270	270	355	828						8	<b>350</b>			
<b>167 - B</b>	Messenger without cable - Double arm	<b>Communication</b>	<b>318</b>	270	270	270	270	270	270	355	828						8	<b>350</b>			
<b>167 - C</b>	Messenger without cable - Extension arm ("F" or Alley arm)	<b>Communication</b>	<b>318</b>	270	270	270	270	270	270	355	828						8	<b>350</b>			
<b>167 - D</b>	Messenger without cable - Direct to pole	<b>Communication</b>	<b>303</b>	270	270	270	270	270	270	355	828						8	<b>350</b>			
<b>167 -E</b>	Messenger without cable - additional messenger	<b>Communication</b>	<b>318</b>	270	270	270	270	270	270	355	828						8	<b>350</b>			
<b>168 -</b>	Multiple distribution service wire attached to pole or arms	<b>Communication</b>	<b>129</b>	90	90	90	90	90	90	355	215						8	<b>139</b>			
<b>169 -</b>	Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location <i>NOTE: Billing is optional, depending on policy of utility.</i>	<b>Communication</b>	<b>109</b>	90	90	90	90	90	90	297	145						8	<b>123</b>			
<b>170 -</b>	Bonding to secondary neutral ground, per pole	<b>Communication</b>	<b>152</b>	180	180	180	180	180	180	72	145						8	<b>162</b>			
<b>199-</b> 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>																					

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>3-</b> Lowering/Raising to Grade (one operation) 30'-35'	<b>COMBINED</b>	<b>1152</b>							843	915			2577		1525	3819	5	<b>1936</b>		
3- Lowering/Raising to Grade (one operation) 40'-45'	<b>COMBINED</b>	<b>1249</b>							843	1090			3221		1907	3819	5	<b>2176</b>		
3- Lowering/Raising to Grade (one operation) 50'-55'	<b>COMBINED</b>	<b>1524</b>							843	1265			3650		2288	3819	5	<b>2373</b>		
3- Lowering/Raising to Grade (one operation) 60'-65'	<b>COMBINED</b>	<b>1639</b>							843				4509		2669	3819	4	<b>2960</b>		
3- Lowering/Raising to Grade (one operation) 70'-75'	<b>COMBINED</b>	<b>1872</b>											5582			5092	2	<b>5337</b>		
3- Lowering/Raising to Grade (one operation) 80'-85'	<b>COMBINED</b>	<b>2004</b>											6871			5092	2	<b>5981</b>		
3- Lowering/Raising to Grade 90'-95'	<b>COMBINED</b>	<b>2124</b>											8052			5092	2	<b>6572</b>		
3- Lowering/Raising to Grade (one operation) 100'	<b>COMBINED</b>	<b>2190</b>											8696			5092	2	<b>6894</b>		
<b>3-A-</b> Lowering/Raising to Grade (one operation) 30'-35'	<b>Power</b>												2577		1525	3819	3	<b>2640</b>	<b>1224</b>	<b>1417</b>
3- Lowering/Raising to Grade (one operation) 40'-45'	<b>Power</b>												3221		1907	3819	3	<b>2982</b>	<b>1333</b>	<b>1649</b>
3- Lowering/Raising to Grade (one operation) 50'-55'	<b>Power</b>												3650		2288	3819	3	<b>3252</b>	<b>1619</b>	<b>1634</b>
3- Lowering/Raising to Grade (one operation) 60'-65'	<b>Power</b>												4509		2669	3819	3	<b>3666</b>	<b>1778</b>	<b>1888</b>
3- Lowering/Raising to Grade (one operation) 70'-75'	<b>Power</b>												5582			5092	2	<b>5337</b>	<b>2077</b>	<b>3260</b>
3- Lowering/Raising to Grade (one operation) 80'-85'	<b>Power</b>												6871			5092	2	<b>5981</b>	<b>2238</b>	<b>3743</b>
3- Lowering/Raising to Grade 90'-95'	<b>Power</b>												8052			5092	2	<b>6572</b>	<b>2385</b>	<b>4186</b>
3- Lowering/Raising to Grade (one operation) 100'	<b>Power</b>												8696			5092	2	<b>6894</b>	<b>2466</b>	<b>4428</b>
<b>3-B-</b> Lowering/Raising to Grade (one operation) 30'-35'	<b>Communication</b>								843	915							2	<b>879</b>	<b>1224</b>	<b>-344</b>
3- Lowering/Raising to Grade (one operation) 40'-45'	<b>Communication</b>								843	1090							2	<b>967</b>	<b>1333</b>	<b>-366</b>
3- Lowering/Raising to Grade (one operation) 50'-55'	<b>Communication</b>								843	1265							2	<b>1054</b>	<b>1619</b>	<b>-564</b>
3- Lowering/Raising to Grade (one operation) 60'-65'	<b>Communication</b>								843								1	<b>843</b>	<b>1778</b>	<b>-935</b>
3- Lowering/Raising to Grade (one operation) 70'-75'	<b>Communication</b>																0	<b>#DIV/0!</b>	<b>2077</b>	<b>#DIV/0!</b>
3- Lowering/Raising to Grade (one operation) 80'-85'	<b>Communication</b>																0	<b>#DIV/0!</b>	<b>2238</b>	<b>#DIV/0!</b>
3- Lowering/Raising to Grade 90'-95'	<b>Communication</b>																0	<b>#DIV/0!</b>	<b>2385</b>	<b>#DIV/0!</b>
3- Lowering/Raising to Grade (one operation) 100'	<b>Communication</b>																0	<b>#DIV/0!</b>	<b>2466</b>	<b>#DIV/0!</b>

ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE	
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14				
4- Straightening in Earth 30'-35'	COMBINED	1006	630	630	630	630	630	630	843	915					1439	2051	2546	11	1052		
4- Straightening in Earth 40'-45'	COMBINED	1049	630	630	630	630	630	630	843	1090					1439	2669	2546	11	1124		
4- Straightening in Earth 50'-55'	COMBINED	1124	630	630	630	630	630	630	843	1265					1439	3432	2546	11	1210		
4- Straightening in Earth 60'-65'	COMBINED	1729								843					2126	4576	2546	4	2523		
4- Straightening in Earth 70'-75'	COMBINED	1819													2126		5092	2	3609		
4- Straightening in Earth 80'-85'	COMBINED	1819													2126		5092	2	3609		
4- Straightening in Earth 90'-95'	COMBINED	1819													2126		5092	2	3609		
4- Straightening in Earth 100'	COMBINED	3319													2126		5092	2	3609		
4-A- Straightening in Earth 30'-35'	Power														1439	2051	2546	3	2012	1052	960
4- Straightening in Earth 40'-45'	Power														1439	2669	2546	3	2218	1124	1094
4- Straightening in Earth 50'-55'	Power														1439	3432	2546	3	2472	1210	1263
4- Straightening in Earth 60'-65'	Power														2126	4576	2546	3	3082	1873	1209
4- Straightening in Earth 70'-75'	Power														2126		5092	2	3609	1982	1627
4- Straightening in Earth 80'-85'	Power														2126		5092	2	3609	1982	1627
4- Straightening in Earth 90'-95'	Power														2126		5092	2	3609	1982	1627
4- Straightening in Earth 100'	Power														2126		5092	2	3609	3670	-61
4-B- Straightening in Earth 30'-35'	Communication		630	630	630	630	630	630	843	915								8	692	1052	-360
4- Straightening in Earth 40'-45'	Communication		630	630	630	630	630	630	843	1090								8	714	1124	-410
4- Straightening in Earth 50'-55'	Communication		630	630	630	630	630	630	843	1265								8	736	1210	-473
4- Straightening in Earth 60'-65'	Communication									843								1	843	1873	-1030
4- Straightening in Earth 70'-75'	Communication																	0	#DIV/0!	1982	#DIV/0!
4- Straightening in Earth 80'-85'	Communication																	0	#DIV/0!	1982	#DIV/0!
4- Straightening in Earth 90'-95'	Communication																	0	#DIV/0!	1982	#DIV/0!
4- Straightening in Earth 100'	Communication																	0	#DIV/0!	3670	#DIV/0!

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>19-A</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	<b>COMBINED</b>	<b>2013</b>	1890	1890	1890	1890	1890	1890	1956	1440	2082	4907	1997	2183	1907	7638	14	<b>2532</b>		
<b>19-B</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	<b>COMBINED</b>	<b>2188</b>	1890	1890	1890	1890	1890	1890	1956	2140	2602	4907	2641	2321	2288	10183	14	<b>2884</b>		
<b>19-C</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	<b>COMBINED</b>	<b>2879</b>	2790	2790	2790	2790	2790	2790	1956	2665			4820	2876	3813	15275	12	<b>4012</b>		
<b>19-A</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	<b>Power</b>										2082	4907	1997	2183	1907	7638	6	<b>3452</b>	<b>2532</b>	<b>920</b>
<b>19-B</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	<b>Power</b>										2602	4907	2641	2321	2288	10183	6	<b>4157</b>	<b>2884</b>	<b>1273</b>
<b>19-C</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	<b>Power</b>												4820	2876	3813	15275	4	<b>6696</b>	<b>4012</b>	<b>2684</b>
<b>19-D</b> Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	<b>Communication</b>		1890	1890	1890	1890	1890	1890	1956	1440							8	<b>1842</b>	<b>2532</b>	<b>-690</b>
<b>19-E</b> Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	<b>Communication</b>		1890	1890	1890	1890	1890	1890	1956	2140							8	<b>1930</b>	<b>2884</b>	<b>-955</b>
<b>19-F</b> Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	<b>Communication</b>		2790	2790	2790	2790	2790	2790	1956	2665							8	<b>2670</b>	<b>4012</b>	<b>-1342</b>

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																				
<b>20- A</b> All types and sizes, each end	<b>COMBINED</b>	<b>357</b>	400	400	400	400	400	400	355	303		661	687	892	708	477	13	<b>499</b>		
<b>20- B</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>COMBINED</b>	<b>524</b>	450	450	450	450	450	450	355	828		979	687	892	709	636	13	<b>599</b>		
<b>20-C</b> Insulator relocation	<b>COMBINED</b>	<b>342</b>	270	270	270	270	270	270	355	303		973	236		354	636	12	<b>373</b>		
<b>20- A</b> All types and sizes, each end	<b>Power</b>											661	687	892	708	477	5	<b>685</b>	<b>439</b>	<b>246</b>
<b>20- B</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>Power</b>											979	687	892	709	636	5	<b>781</b>	<b>599</b>	<b>182</b>
<b>20-C</b> Insulator relocation	<b>Power</b>											973	236		354	636	4	<b>550</b>	<b>373</b>	<b>177</b>
<b>20- D</b> All types and sizes, each end	<b>Communication</b>		400	400	400	400	400	400	355	303							8	<b>382</b>	<b>439</b>	<b>-56</b>
<b>20- E</b> Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	<b>Communication</b>		450	450	450	450	450	450	355	828							8	<b>485</b>	<b>599</b>	<b>-114</b>
<b>20-F</b> Insulator relocation	<b>Communication</b>		270	270	270	270	270	270	355	303							8	<b>285</b>	<b>373</b>	<b>-88</b>

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>110 - A</b> Guy wire complete Make-up-overhead, span, or arm guy	<b>COMBINED</b>	<b>512</b>	450	450	450	450	450	450	574	828		771	697	470	369	636	13	<b>542</b>		
<b>110 - B</b> Guy wire complete Make-up-Anchor guy	<b>COMBINED</b>	<b>503</b>	450	450	450	450	450	450	314	828		1005	564	531	499	318	13	<b>520</b>		
<b>110 - C</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	<b>COMBINED</b>	<b>348</b>	450	450	450	450	450	450	314	215			224		375	636	11	<b>406</b>		
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	<b>COMBINED</b>	<b>427</b>	450	450	450	450	450	450	574	215		247	697	470	369	477	13	<b>442</b>		
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	<b>COMBINED</b>	<b>325</b>	450	450	450	450	450	450	314	215		341	128	165	381	64	13	<b>331</b>		
<b>110 - A</b> Guy wire complete Make-up-overhead, span, or arm guy	<b>Power</b>											771	697	470	369	636	5	<b>589</b>	<b>542</b>	<b>47</b>
<b>110 - B</b> Guy wire complete Make-up-Anchor guy	<b>Power</b>											1005	564	531	499	318	5	<b>583</b>	<b>520</b>	<b>63</b>
<b>110 - C</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	<b>Power</b>												224		375	636	3	<b>412</b>	<b>406</b>	<b>6</b>
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	<b>Power</b>											247	697	470	369	477	5	<b>452</b>	<b>442</b>	<b>10</b>
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	<b>Power</b>											341	128	165	381	64	5	<b>216</b>	<b>331</b>	<b>-116</b>
<b>110 - F</b> Guy wire complete Make-up-overhead, span, or arm guy	<b>Communication</b>		450	450	450	450	450	450	574	828							8	<b>513</b>	<b>542</b>	<b>-29</b>
<b>110 - G</b> Guy wire complete Make-up-Anchor guy	<b>Communication</b>		450	450	450	450	450	450	314	828							8	<b>480</b>	<b>520</b>	<b>-40</b>
<b>110 - H</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	<b>Communication</b>		450	450	450	450	450	450	314	215							8	<b>404</b>	<b>406</b>	<b>-2</b>
<b>110 - I</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	<b>Communication</b>		450	450	450	450	450	450	574	215							8	<b>436</b>	<b>442</b>	<b>-6</b>
<b>110 - J</b> Guy wire comp. Make-up-Guy guards	<b>Communication</b>		450	450	450	450	450	450	314	215							8	<b>404</b>	<b>331</b>	<b>72</b>
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.																				

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

**March 17, 2021**

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:31 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Ms. April DeBarge	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Ms. Yesenia Delgado	Time Warner Cable
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Ms. Maria Ortiz	XO Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Lex Treepaisan	Frontier Communications
Mr. Ben Coffey	City of Banning
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Joe Serrato	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Jim Todaro	AT&T Mobility
Ms. Yvonne Johnson	AT&T Mobility
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff

Mr. Van Stryk called the meeting to order at 12:31 p.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk opened the meeting by inquiring if there were any questions or concerns regarding the February 2021 month's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder)** – Mr. Van Stryk stated it is a standing agenda. The 2021 Pole Prices were approved last month. Mr. Van Stryk then moved on to agenda item 3.

**Agenda Item 3 – Item 1661 – Power – Comm Separation of Authorized Costs (4/16/19)**

Mr. Van Stryk stated that it has been discussed at the Administrative Board meeting, did not pass, and has been closed. He added, to remove this item from the agenda.

**Agenda Item 4 - Review of Authorized Costs Matrix (for 2021-2022 prices)** – Ms. Pranata commented that she is still waiting for Edison’s prices for the following items: 13A, 13B, 15A, 15B, and additional insulator prices for item 123. Mr. Brown was not in the meeting, however, Mr. Bacon confirmed that Mr. Brown stated in the Administrative Board meeting that he will send the prices by the end of the week. Ms. Pranata stated that she has completed her action item from last month, which was to research item 33C and 123C. She sent her research to the Authorized Costs committee on March 2<sup>nd</sup>, and inquired if the committee would like leave the note “Intentionally left blank” for those two items. Mr. Bacon replied yes.

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

**Agenda Item 6 - Review of Action Items:**

- SCE to send updated AC prices to Ms. Pranata by end of the week.

The meeting adjourned at 12:35 p.m.

The next meeting is scheduled for April 21, 2021.

Angela Pranata – Committee Staff

ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	PRICE DIFFERENCE	
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power					
3- Lowering/Raising to Grade (one operation) 30'-35'	COMBINED	1152							843	915			2577		1525	3819	5	1936			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade (one operation) 40'-45'	COMBINED	1249							843	1090			3221		1907	3819	5	2176			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade (one operation) 50'-55'	COMBINED	1524							843	1265			3650		2288	3819	5	2373			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade (one operation) 60'-65'	COMBINED	1639							843				4509		2669	3819	4	2960			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade (one operation) 70'-75'	COMBINED	1872											5582			5092	2	5337			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade (one operation) 80'-85'	COMBINED	2004											6871			5092	2	5981			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade 90'-95'	COMBINED	2124											8052			5092	2	6572			CURRENT SCJPC METHOD
3- Lowering/Raising to Grade (one operation) 100'	COMBINED	2190											8696			5092	2	6894			CURRENT SCJPC METHOD
3-A- Lowering/Raising to Grade (one operation) 30'-35'	Power												2577		1525	3819	3	2640	1224	1417	
3- Lowering/Raising to Grade (one operation) 40'-45'	Power												3221		1907	3819	3	2982	1333	1649	
3- Lowering/Raising to Grade (one operation) 50'-55'	Power												3650		2288	3819	3	3252	1619	1634	
3- Lowering/Raising to Grade (one operation) 60'-65'	Power												4509		2669	3819	3	3666	1778	1888	
3- Lowering/Raising to Grade (one operation) 70'-75'	Power												5582			5092	2	5337	2077	3260	
3- Lowering/Raising to Grade (one operation) 80'-85'	Power												6871			5092	2	5981	2238	3743	
3- Lowering/Raising to Grade 90'-95'	Power												8052			5092	2	6572	2385	4186	
3- Lowering/Raising to Grade (one operation) 100'	Power												8696			5092	2	6894	2466	4428	
3-B- Lowering/Raising to Grade (one operation) 30'-35'	Communication								843	915							2	879	1224	-344	
3- Lowering/Raising to Grade (one operation) 40'-45'	Communication								843	1090							2	967	1333	-366	
3- Lowering/Raising to Grade (one operation) 50'-55'	Communication								843	1265							2	1054	1619	-564	
3- Lowering/Raising to Grade (one operation) 60'-65'	Communication								843								1	843	1778	-935	
3- Lowering/Raising to Grade (one operation) 70'-75'	Communication																0	#DIV/0!	2077	#DIV/0!	
3- Lowering/Raising to Grade (one operation) 80'-85'	Communication																0	#DIV/0!	2238	#DIV/0!	
3- Lowering/Raising to Grade 90'-95'	Communication																0	#DIV/0!	2385	#DIV/0!	
3- Lowering/Raising to Grade (one operation) 100'	Communication																0	#DIV/0!	2466	#DIV/0!	
4- Straightening in Earth 30'-35'	COMBINED	1006	630	630	630	630	630	630	843	915			1439		2051	2546	11	1052			CURRENT SCJPC METHOD
4- Straightening in Earth 40'-45'	COMBINED	1049	630	630	630	630	630	630	843	1090			1439		2669	2546	11	1124			CURRENT SCJPC METHOD
4- Straightening in Earth 50'-55'	COMBINED	1124	630	630	630	630	630	630	843	1265			1439		3432	2546	11	1210			CURRENT SCJPC METHOD
4- Straightening in Earth 60'-65'	COMBINED	1729							843				2126		4576	2546	4	2523			CURRENT SCJPC METHOD
4- Straightening in Earth 70'-75'	COMBINED	1819											2126			5092	2	3609			CURRENT SCJPC METHOD
4- Straightening in Earth 80'-85'	COMBINED	1819											2126			5092	2	3609			CURRENT SCJPC METHOD
4- Straightening in Earth 90'-95'	COMBINED	1819											2126			5092	2	3609			CURRENT SCJPC METHOD
4- Straightening in Earth 100'	COMBINED	3319											2126			5092	2	3609			CURRENT SCJPC METHOD
4-A- Straightening in Earth 30'-35'	Power												1439		2051	2546	3	2012	1052	960	
4- Straightening in Earth 40'-45'	Power												1439		2669	2546	3	2218	1124	1094	
4- Straightening in Earth 50'-55'	Power												1439		3432	2546	3	2472	1210	1263	
4- Straightening in Earth 60'-65'	Power												2126		4576	2546	3	3082	1873	1209	
4- Straightening in Earth 70'-75'	Power												2126			5092	2	3609	1982	1627	
4- Straightening in Earth 80'-85'	Power												2126			5092	2	3609	1982	1627	
4- Straightening in Earth 90'-95'	Power												2126			5092	2	3609	1982	1627	
4- Straightening in Earth 100'	Power												2126			5092	2	3609	3670	-61	
4-B- Straightening in Earth 30'-35'	Communication		630	630	630	630	630	630	843	915							8	692	1052	-360	
4- Straightening in Earth 40'-45'	Communication		630	630	630	630	630	630	843	1090							8	714	1124	-410	
4- Straightening in Earth 50'-55'	Communication		630	630	630	630	630	630	843	1265							8	736	1210	-473	
4- Straightening in Earth 60'-65'	Communication								843								1	843	1873	-1030	
4- Straightening in Earth 70'-75'	Communication																0	#DIV/0!	1982	#DIV/0!	

ITEM 1661: AUTHORIZED COSTS COMPARISON  
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			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14					
4- Straightening in Earth 80'-85'	Communication																0	#DIV/0!	1982	#DIV/0!		
4- Straightening in Earth 90'-95'	Communication																0	#DIV/0!	1982	#DIV/0!		
4- Straightening in Earth 100'	Communication																0	#DIV/0!	3670	#DIV/0!		
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	COMBINED	2013	1890	1890	1890	1890	1890	1890	1956	1440	2082	4907	1997	2183	1907	7638	14	2532			CURRENT SCJPC METHOD	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	COMBINED	2188	1890	1890	1890	1890	1890	1890	1956	2140	2602	4907	2641	2321	2288	10183	14	2884			CURRENT SCJPC METHOD	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	COMBINED	2879	2790	2790	2790	2790	2790	2790	1956	2665			4820	2876	3813	15275	12	4012			CURRENT SCJPC METHOD	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Power																6	3452	2532	920		
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Power																6	4157	2884	1273		
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Power																4	6696	4012	2684		
19-D Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Communication		1890	1890	1890	1890	1890	1890	1956	1440							8	1842	2532	-690		
19-E Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Communication		1890	1890	1890	1890	1890	1890	1956	2140							8	1930	2884	-955		
19-F Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Communication		2790	2790	2790	2790	2790	2790	1956	2665							8	2670	4012	-1342		
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																						
20- A All types and sizes, each end	COMBINED	357	400	400	400	400	400	400	355	303		661	687	892	708	477	13	499			CURRENT SCJPC METHOD	
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:	COMBINED	524	450	450	450	450	450	450	355	828		979	687	892	709	636	13	599			CURRENT SCJPC METHOD	
20-C Insulator relocation	COMBINED	342	270	270	270	270	270	270	355	303		973	236		354	636	12	373			CURRENT SCJPC METHOD	
20- A All types and sizes, each end	Power												661	687	892	708	477	5	685	439	246	
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:	Power												979	687	892	709	636	5	781	599	182	
20-C Insulator relocation	Power												973	236		354	636	4	550	373	177	
20- D All types and sizes, each end	Communication		400	400	400	400	400	400	355	303							8	382	439	-56		
20- E Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Communication		450	450	450	450	450	450	355	828							8	485	599	-114		
20-F Insulator relocation	Communication		270	270	270	270	270	270	355	303							8	285	373	-88		
110 - A Guy wire complete Make-up-overhead, span, or arm guy	COMBINED	512	450	450	450	450	450	450	574	828		771	697	470	369	636	13	542			CURRENT SCJPC METHOD	
110 - B Guy wire complete Make-up-Anchor guy	COMBINED	503	450	450	450	450	450	450	314	828		1005	564	531	499	318	13	520			CURRENT SCJPC METHOD	
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	COMBINED	348	450	450	450	450	450	450	314	215			224		375	636	11	406			CURRENT SCJPC METHOD	
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	COMBINED	427	450	450	450	450	450	450	574	215		247	697	470	369	477	13	442			CURRENT SCJPC METHOD	
110 - E Guy wire comp. Make-up-Guy guards	COMBINED	325	450	450	450	450	450	450	314	215		341	128	165	381	64	13	331			CURRENT SCJPC METHOD	

ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	PRICE DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>110 - A</b> Guy wire complete Make-up-overhead, span, or arm guy	Power											771	697	470	369	636	5	589	542	47
<b>110 - B</b> Guy wire complete Make-up-Anchor guy	Power											1005	564	531	499	318	5	583	520	63
<b>110 - C</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	Power												224		375	636	3	412	406	6
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to interset pole	Power											247	697	470	369	477	5	452	442	10
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	Power											341	128	165	381	64	5	216	331	-116
<b>110 - F</b> Guy wire complete Make-up-overhead, span, or arm guy	Communication		450	450	450	450	450	450	574	828							8	513	542	-29
<b>110 - G</b> Guy wire complete Make-up-Anchor guy	Communication		450	450	450	450	450	450	314	828							8	480	520	-40
<b>110 - H</b> Guy wire comp. Make-up-Cutting-in insulator in exist guy	Communication		450	450	450	450	450	450	314	215							8	404	406	-2
<b>110 - I</b> Guy wire comp. Make-up-Attaching span guy to interset pole	Communication		450	450	450	450	450	450	574	215							8	436	442	-6
<b>110 - J</b> Guy wire comp. Make-up-Guy guards	Communication		450	450	450	450	450	450	314	215							8	404	331	72
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.																				

Column/Element Definitions

- Column 1: Item number and definition.**  
Authorized Cost item number, and description.
- Column 2: Power/Communication/Both**  
This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.
- Column 3: Direct Labor (loaded)**  
The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.
- Column 4: Total Labor Hours**  
The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.
- Column 5: Total Direct Labor**  
This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.
- Column 6: Material Cost (FOB)**  
The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.
- Column 7: Equipment Expense**  
The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.
- Column 8: General and Administrative**  
The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.
- Column 9: Total Cost**  
The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.

**ITEM 1661: AUTHORIZED COSTS COMPARISON  
(ITEM 3, 4, 19, 20, 110)**

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	COMBINED PRICE	PRICE DIFFERENCE
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
*** 08/16/2016: Item 19 authorized cost calculation is determined by: 1. Labor required in preparation to relocate top portion of the old pole. 2. Relocation and support of the top portion of the old pole. 3. Include the cost associated with supporting cables and conductors.																				

																		1/15/2021		
Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
			Comm	Comm	Comm	Comm	Comm	Comm	Comm	Comm	Power	Power	Power	Power	Power	Power	14			
<b>POLE MAINTENANCE AND MISCELLANEOUS</b>																				
1-Trenching/Moving 30'-35' WITH supply	Power	2708											2577	1592	3051	3819	4	2760		
1-Trenching/Moving 40'-45' WITH supply	Power	3241											3221	2276	3432	3819	4	3187		
1-Trenching/Moving 50'-55' WITH supply	Power	3889											3650	2959	4195	5092	4	3974		
1-Trenching/Moving 60'-65' WITH supply	Power	4374											4509	3643	4576	5092	4	4455		
1-Trenching/Moving 70'-75' WITH supply	Power	6581											5582	4326		10183	3	6697		
1-Trenching/Moving 80'-85' WITH supply	Power	7388											6871	5693		10183	3	7582		
1-Trenching/Moving 90'-95' WITH supply	Power	8062											8052	7059		10183	3	8432		
1-Trenching/Moving 100' WITH supply	Power	9093											8696	8426		10183	3	9102		
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	912	990	990	990	990	990	990	843	915							8	962		
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	927	990	990	990	990	990	990	843	1090							8	984		
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1550	1800	1800	1800	1800	1800	1800	843	1265							8	1614		
3- Lowering/Raising to Grade (one operation) 30'-35'	COMBINED	1152							843	915			2577		1525	3819	5	1936	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade (one operation) 40'-45'	COMBINED	1249							843	1090			3221		1907	3819	5	2176	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade (one operation) 50'-55'	COMBINED	1524							843	1265			3650		2288	3819	5	2373	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade (one operation) 60'-65'	COMBINED	1639							843				4509		2669	3819	4	2960	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade (one operation) 70'-75'	COMBINED	1872											5582			5092	2	5337	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade (one operation) 80'-85'	COMBINED	2004											6871			5092	2	5981	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade 90'-95'	COMBINED	2124											8052			5092	2	6572	CURRENT SCJPC METHOD	
3- Lowering/Raising to Grade (one operation) 100'	COMBINED	2190											8696			5092	2	6894	CURRENT SCJPC METHOD	
4- Straightening in Earth 30'-35'	COMBINED	1006	630	630	630	630	630	630	843	915			1439		2051	2546	11	1052	CURRENT SCJPC METHOD	
4- Straightening in Earth 40'-45'	COMBINED	1049	630	630	630	630	630	630	843	1090			1439		2669	2546	11	1124	CURRENT SCJPC METHOD	
4- Straightening in Earth 50'-55'	COMBINED	1124	630	630	630	630	630	630	843	1265			1439		3432	2546	11	1210	CURRENT SCJPC METHOD	
4- Straightening in Earth 60'-65'	COMBINED	1729							843				2126		4576	2546	4	2523	CURRENT SCJPC METHOD	
4- Straightening in Earth 70'-75'	COMBINED	1819											2126			5092	2	3609	CURRENT SCJPC METHOD	
4- Straightening in Earth 80'-85'	COMBINED	1819											2126			5092	2	3609	CURRENT SCJPC METHOD	
4- Straightening in Earth 90'-95'	COMBINED	1819											2126			5092	2	3609	CURRENT SCJPC METHOD	
4- Straightening in Earth 100'	COMBINED	3319											2126			5092	2	3609	CURRENT SCJPC METHOD	
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	1043	810	810	810	810	810	810	534	828	1041	2484	1439	1252	1525	1591	14	1111		
5-B Removing From Service:Transporting	Both	313	180	180	180	180	180	180	374	215	520	261	859	208	342	477	14	310		
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	671	810	810	810	810	810	810	72	303	520	1135	773	208	572	636	14	648		
5-D Removing From Service: Disposal	Both	670	810	810	810	810	810	810	669	215		683		693	1282	2546	12	912		
5-E Removing from service: Lowering	Both	543							806	215		1135	429		381	1273	6	707		
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	859	810	810	810	810	810	810	806	1265			1439		1144	1273	11	981		
6-A Pole Stubbing 8 Ft metal truss	Power	1394													1525		1	1525		
6-B Pole Stubbing 10-11 Ft metal truss	Power	1712											1952		1790	1525	3	1756		
6-C Pole Stubbing 11 Ft metal truss	Power	1523											1952		1790	1907	3	1883		
6-D Pole Stubbing 12 Ft metal truss	Power	1432													1790	1907	2	1848		
6-E Pole Stubbing 13 Ft metal truss	Power	1738														2051	1	2051		
6-F Pole Stubbing 14 Ft metal truss	Power	2252														2669	1	2669		
6-G Pole Stubbing 15.5 Ft metal truss	Power	2414														2669	1	2669		
6-H Pole Stubbing: Addtl metal trusses (all sizes)	Power	834														1525	1	1525		
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1429										2473		1119		763	3	1451		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
<b>7 - Intentionally left blank</b>																				
8-A Semi Cir. Pole Guards - Installation	Both	184							125	215			346				3	229		
8-B Semi Cir. Pole Guards - Transferring	Both	176							125	215			307				3	216		
<b>9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)</b>																				
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1758	1620	1620	1620	1620	1620	1620	1219	828	2082	3145	1718	2040	2610	2546	14	1850		
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1625	1620	1620	1620	1620	1620	1620	671	828	2082	2044	1718	1912		2546	13	1655		
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1584	1620	1620	1620	1620	1620	1620	1219	828		2044	1718	1912		2546	12	1666		
<b>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)</b>																				
10-A Cement break and temporary repair	Both	1363	1890	1890	1890	1890	1890	1890	326	740	520	1512	1147	1109	3008	1909	14	1544		
10-B Asphalt break & repair	Both	1368	2100	2100	2100	2100	2100	2100	224	478	1187	1804	464	975	2089	1273	14	1507		
10-C Cement saw cut brk&repair-based on 25 square feet	Both	876	1500	1500	1500	1500	1500	1500	713	1003	1311	1329	1316	1363	3008	1909	14	1497		
10-D Cement saw cut brk&pr-based on 50 square feet (new item)	Both	1308	3000	3000	3000	3000	3000	3000	1426	1003		2536	2124		4579	1909	12	2631		
10-E ADA accessible ramp	Both	9987	2500	2500	2500	2500	2500	2500	2585	3541						2546	9	2630		
<b>11-Joint Rights of Way-by special agreement</b>																				
<b>12-A-Reserved for future use</b>																				
12-B Pole Inspect/Treat-Partial Dig	Power	196											245		348		2	296		
12-C Pole Inspect/Treat-Sound&Bore	Power	193											245		348		2	296		
12-D Pole Inspect/Treat-Full Treatment	Power	202											245		348		2	296		
12-E Pole Inspect/Treat-Reject	Power	197											245		348		2	296		
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	211											245	132	389		3	255		
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	BOTH	315	360	360	360	360	360	360							329	64	8	319	BOTH. OK TO ACCEPT	
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	345	360	360	360	360	360	360	69	303		673	531		329	64	12	344	SCE TO VERIFY 13A AND 13B	
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	315	275	275	275	275	275	275	137	215		368	745	104	116		12	278		
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	178	150	150	150	150	150	150	137	215		246	555	104	48		12	184		
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	200	160	160	160	160	160	160				293		209	48		9	168		
15-A Pole Marking-Tagging	Both	64	45	45	45	45	45	45	72	84		59	48	26	149	25	13	56	SCE TO VERIFY	
15-B Pole Marking-Visibility Strips	Both	56	45	45	45	45	45	45	72	84	60	59	51	26	157	25	14	57	SCE TO VERIFY	
16-A Backhoe 2/hr minimum	Both	345	270	270	270	270	270	270	802	280					648	636	10	399		
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	190	180	180	180	180	180	180	401	160					365	636	10	264		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
<b>17 Title: Wood Pole Fiberglass wrap restoration:</b>																				
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810															0	#DIV/0!	USE LAST YEAR'S PRICES	
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427															0	#DIV/0!	USE LAST YEAR'S PRICES	
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428															0	#DIV/0!	USE LAST YEAR'S PRICES	
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116															0	#DIV/0!	USE LAST YEAR'S PRICES	
18-A ModPole Material & Installation 9'	Power	1325													4549		1	4549		
18-B ModPole Material & Installation 14'	Power	1438															0	#DIV/0!	USE LAST YEAR'S PRICES	
18-C ModPole Material & Installation 18'	Power	1663															0	#DIV/0!	USE LAST YEAR'S PRICES	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	COMBINED	2013	1890	1890	1890	1890	1890	1890	1956	1440	2082	4907	1997	2183	1907	7638	14	2532	CURRENT SCJPC METHOD. SCE TO VERIFY SCE PRICE.	
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	COMBINED	2188	1890	1890	1890	1890	1890	1890	1956	2140	2602	4907	2641	2321	2288	10183	14	2884	CURRENT SCJPC METHOD. SCE TO VERIFY SCE PRICE.	
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	COMBINED	2879	2790	2790	2790	2790	2790	2790	1956	2665			4820	2876	3813	15275	12	4012	CURRENT SCJPC METHOD. SCE TO VERIFY SCE PRICE.	
<b>TRANSFER COSTS GUY WIRES -----</b>																				
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																				
20- A All types and sizes, each end	COMBINED	357	400	400	400	400	400	400	355	303		661	687	892	708	477	13	499	CURRENT SCJPC METHOD	
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:	COMBINED	524	450	450	450	450	450	450	355	828		979	687	892	709	636	13	599	CURRENT SCJPC METHOD	
20-C Insulator relocation	COMBINED	342	270	270	270	270	270	270	355	303		973	236		354	636	12	373	CURRENT SCJPC METHOD	
<b>TRANSFER COSTS - POWER CIRCUITS -----</b>																				
<b>21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:</b>																				
<b>21 - A 0-7.5 kv single Arm (includes service arm)</b>																				
Transfer Arm	Power	523											794	255		318	3	456		
Transfer Conductor (splicing required)	Power	424											408	510		318	3	412		
Transfer Conductor (no splicing)	Power	286											279	255		318	3	284		
<b>21 - B 0-7.5 kv double arm</b>																				
Transfer Arm	Power	1016											1524	382		318	3	742		
Transfer Conductor (splicing required)	Power	424											408	765		318	3	497		
Transfer Conductor (no splicing)	Power	286											279	382		318	3	327		
<b>21 - C 0-7.5 kv double arm with reinforcing bracket</b>																				
Transfer Arm	Power	1637											2705			318	2	1512		
Transfer Conductor (splicing required)	Power	424											408			318	2	363		
Transfer Conductor (no splicing)	Power	286											279			318	2	299		
<b>21 - D 0-7.5kv sidearm - single</b>																				
Transfer Arm	Power	315														318	1	318		
Transfer Conductor (splicing required)	Power	472														318	1	318		
Transfer Conductor (no splicing)	Power	315														318	1	318		
<b>21 - E 0-7.5kv sidearm - double</b>																				
Transfer Arm	Power	1400											2190			318	2	1254		
Transfer Conductor (splicing required)	Power	483											537			318	2	428		
Transfer Conductor (no splicing)	Power	345											408			318	2	363		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
<b>21 - F 7.6-15kv single arm</b>																				
Transfer Arm	Power	315														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - G 7.6-15kv double arm</b>																				
Transfer Arm	Power	630														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - H 7.6-15kv sidearm - single</b>																				
Transfer Arm	Power	630														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - I 7.6-15kv sidearm - double</b>																				
Transfer Arm	Power	1102														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - J 16-34kv single arm</b>																				
Transfer Arm	Power	809											1245	255		636	3	712		
Transfer Conductor (splicing required)	Power	798											880	510		636	3	676		
Transfer Conductor (no splicing)	Power	660											751	255		636	3	548		
<b>21 - K 16-34kv double arm</b>																				
Transfer Arm	Power	1193											1739	382		636	3	919		
Transfer Conductor (splicing required)	Power	798											880	765		636	3	761		
Transfer Conductor (no splicing)	Power	660											751	382		636	3	590		
<b>21 - L 16-34kv double arm with reinforcing bracket</b>																				
Transfer Arm	Power	1816											2924			636	2	1780		
Transfer Conductor (splicing required)	Power	798											880			636	2	758		
Transfer Conductor (no splicing)	Power	660											751			636	2	694		
<b>21 - M 16-34kv sidearm - single</b>																				
Transfer Arm	Power	787														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - N 16-34kv sidearm - double</b>																				
Transfer Arm	Power	1637											2362			636	2	1499		
Transfer Conductor (splicing required)	Power	857											1009			636	2	823		
Transfer Conductor (no splicing)	Power	719											880			636	2	758		
<b>21 - O 66-115kv single arm</b>																				
Transfer Arm	Power	945														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - P 66-115kv double arm</b>																				
Transfer Arm	Power	1259														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - Q 66-115kv steel arm</b>																				
Transfer Arm	Power	1036														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
NOTE: Add Item 24 for bonding cost.																				

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/ Comments FROM 2019
<p>NOTES CONCERNING ITEMS 21 AND 22: For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.</p>																				
<b>22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:</b>																				
22-A	0-750 volt secondary	Power	286										451	111		159	3	240		
22-B	750-7,500 volt primary	Power	611										644	166		636	3	482		
22-C	7.6-115kv - 1 or 2 strain insulators	Power	1459										2147	166		955	3	1089		
22-D	7.6-115kv - 3 or 4 strain insulators	Power	1538										2319			955	2	1637		
22-E	7.6-115kv - 5 or 6 strain insulators	Power	945													955	1	955		
<p>NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost</p>																				
<b>23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)</b>																				
23-A	Flat to vertical 7.5-115kv single arm per pole	Power	2622										3135			2387	2	2761		
23-A1	Triangular to Flat 7.5-115kv single arm per pole	Power	2291										3135			1703	2	2419		
23-A2	Vertical to Flat 7.5-115kv single arm per pole	Power	2732										3135			2594	2	2864		
23-B	Flat to vertical 7.5-115kv double arm per pole	Power	2622										3135			2387	2	2761		
23-B1	Triangular to Flat 7.5-115kv double arm per pole	Power	2291										3135			1703	2	2419		
23-B2	Vertical to Flat 7.5-115kv double arm per pole	Power	2732										3135			2594	2	2864		
NOTE: Cost of rebonding is included in above prices.																				
24 - A	Bonding Per Pole: Single circuit-all voltages	Power	453										472			477	2	475		
24 - B	Bonding Per Pole: Double circuit-all voltages	Power	749										945			636	2	791		
25 -	Ground Wire, Incl. protective covering	Power	855										902			477	2	690		
<p>26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)</p>																				
27 - A	Racks & brackets-secondary/3-4 wire to pole	Power	374										301			477	2	389		
Plus Conductor ea.																				
27 - B	Bracket, Triplex	Power	266										236			318	2	277		
Plus Triplex conductor																				
27 - B	Bracket, Triplex	Power	256										215			318	2	266		
<p>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.</p>																				
28 - A	Service Conductors - Transferring, raising or lowering: #4 conductor of smaller	Power	286										279	111		80	3	157		
28 - B	Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	392										408	111		159	3	226		
28 - C	Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	286										279	111		159	3	183		
29- A	Transformers 1-1/2 to 25 KVA each	Power	3618										5132			2546	2	3839		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
29- B Transformers 30 to 167 KVA each	Power	3933											5132			3182	2	4157		
29- C Mounting Brackets, two transformers	Power	444											623			264	2	443		
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	5851											4509			7638	2	6073		
30-B Capacitors/capacitor bank non-switched	Power	3823											4208			3819	2	4014		
31-A Street Lights Ctr Susp type-span end	Power	2834														318	1	318		
31-B Street Lights Ctr Susp type-Feed end	Power	3149														668	1	668		
31-C Street Lights Gooseneck or brket type open wire	Power	2834														318	1	318		
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	818											751			668	2	710		
31-E Street Lights Mast arm type	Power	818											751			891	2	821		
31-F Street Lights Pole top pin and insulator-single	Power	403											363			57	2	210		
31-G Street Lights Pole top pin and insulator-Double	Power	472														86	1	86		
32 Meter of Time Switch Control Box (Price by field agreement)																				
33-A Support single insulator fiberglass	Power	316											344				1	344		
33-B Support Double insulator fiberglass	Power	363											395				1	395		
33-C Support Triple insulator fiberglass	Power	INTENTIONALLY LEFT BLANK															0	#DIV/0!	Research sent to AC Committee 3/2/2021	NOTE: "INTENTIONALLY LEFT BLANK" 4/16/2019 NO PRICE
33-D Support Pole Top insulator fiberglass	Power	334											363				1	363		
34 Support, single deadend fiberglass	Power	316											344				1	344		
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	473											687			318	2	503		
35-B Insulator mounting brkets-Double(vertical)	Power	868											1374			477	2	926		
35-C Insulator mounting brkets-Single, over 40KV	Power	945														955	1	955		
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	441														430	1	430		
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	630														621	1	621		
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	7556														7638	1	7638		
38- Insulator assembly bracket for endarm mountings	Power	526											459			1273	2	866		
NOTE: Refer to Item 21 for conductor cost																				
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)																				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS</b>																				
74-Semi-circular cable guard ("U" guard): transferring	Communication	233	270	270	270	270	270	270	125	215							8	245		
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	291	270	270	270	270	270	270	355	215		566					9	306	OK TO ACCEPT	
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	306	270	270	270	270	270	270	355	215		716					9	323	OK TO ACCEPT	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	81	45	45	45	45	45	45	355	84		65					9	86	OK TO ACCEPT	
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	77	45	45	45	45	45	45	355	84		47					9	84	OK TO ACCEPT	
79-Multiple Distribution Service Wire on line pole	Communication	129	90	90	90	90	90	90	355	215							8	139		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/ Comments FROM 2019
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	112	68	68	68	68	68	68	355	215							8	122		
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	121	90	90	90	90	90	90	355	128							8	128		
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	446	450	450	450	450	450	450	446	478		716					9	482	OK TO ACCEPT	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	475	450	450	450	450	450	450	446	653		866					9	518	OK TO ACCEPT	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	462	450	450	450	450	450	450	446	478		872					9	500	OK TO ACCEPT	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	467	450	450	450	450	450	450	446	740		716					9	511	OK TO ACCEPT	
NOTE: The above prices do not include cable terminals.																				
83-A Cable attached direct to pole (complete)	Communication	283	270	270	270	270	270	270	355	303		417		111			10	280	OK TO ACCEPT.	
83-B Cable attached (additional work required) (new item)	Communication	193	180	180	180	180	180	180	355	303		492					9	248	OK TO ACCEPT	
84-A Messenger reinforcing units-Strap each	Communication	214	270	270	270	270	270	270	355	128							8	263		
84-B Messenger reinforcing units-Link each	Communication	214	270	270	270	270	270	270	355	128							8	263		
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	319	270	270	270	270	270	270	355	478		641		111			10	320	OK TO ACCEPT.	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	348	270	270	270	270	270	270	355	653		791					9	380	OK TO ACCEPT	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	334	270	270	270	270	270	270	355	478		791					9	360	OK TO ACCEPT	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	317	270	270	270	270	270	270	355	740		417					9	348	OK TO ACCEPT	
86-Messenger dead end, all sizes-with or without cable	Communication	307	270	270	270	270	270	270	355	303		660					9	326	OK TO ACCEPT	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	242	270	270	270	270	270	270	355	215		339					9	281	OK TO ACCEPT	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	371	360	360	360	360	360	360	355	828							8	418		
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	333	360	360	360	360	360	360	355	215							8	341		
88-Multiple Distribution Wire terminal Transfer	Communication	220	251	251	251	251	251	251	355	215							8	259		
<b>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):</b>																				
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	172							457	215							2	336		
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	172							457	215							2	336		
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	203							938	303							2	620		
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	282							938	215							2	576		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/ Comments FROM 2019
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	283	321	321	321	321	321	321	329	215						8	309		
91-B	Cable Splicing/per splice/per pair=25 pr	Communication	286	325	325	325	325	325	325	329	215						8	312		
91-C	Cable Splicing/per splice/per pair=50 pr	Communication	339	375	375	375	375	375	375	329	390						8	371		
91-D	Cable Splicing/per splice/per pair=100 pr	Communication	494	561	561	561	561	561	561	329	565						8	533		
91-E	Cable Splicing/per splice/per pair=200 pr	Communication	756	823	823	823	823	823	823	598	1003						8	817		
91-F	Cable Splicing/per splice/per pair=300 pr	Communication	1051	1118	1118	1118	1118	1118	1118	866	1528						8	1138		
91-G	Cable Splicing/per splice/per pair=400 pr	Communication	1221	1278	1278	1278	1278	1278	1278	1135	1790						8	1324		
91-H	Cable Splicing/per splice/per pair=600 pr	Communication	1759	1809	1809	1809	1809	1809	1809	1733	2753						8	1917		
91-I	Cable Splicing/per splice/per pair=700 pr	Communication	2037	2093	2093	2093	2093	2093	2093	2002	3191						8	2219		
91-J	Cable Splicing/per splice/per pair=800 pr	Communication	2334	2401	2401	2401	2401	2401	2401	2270	3628						8	2538		
91-K	Cable Splicing/per splice/per pair=900 pr	Communication	2600	2719	2719	2719	2719	2719	2719	2599	3628						8	2818		
91-L	Cable Splicing/per splice/per pair=1200 pr	Communication	3485	3585	3585	3585	3585	3585	3585	3405	5378						8	3787		
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	347	318	318	318	318	318	318	417	303	596					9	358	OK TO ACCEPT	
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	1497	1851	1851	1851	1851	1851	1851	782	390						8	1535		
94-A-2	Fiber Optic Splicing/testing Fusion-48 strand	Communication	2467	3000	3000	3000	3000	3000	3000	1130	740						8	2484		
94-A-3	Fiber Optic Splicing/testing Fusion-60 strand	Communication	3145	3832	3832	3832	3832	3832	3832	1364	915						8	3159		
94-A-4	Fiber Optic Splicing/testing Fusion-72 strand	Communication	3638	4417	4417	4417	4417	4417	4417	1538	1090						8	3641		
94-A-5	Fiber Optic Splicing/testing Fusion-96 strand	Communication	4771	5794	5794	5794	5794	5794	5794	1886	1353						8	4750		
94-A-6	Fiber Optic Splicing/testing Fusion-144 strand	Communication	6668	8035	8035	8035	8035	8035	8035	2583	2053						8	6606		
94-A-7	Fiber Optic Splicing/testing Fusion-288 strand	Communication	12382	15116	15116	15116	15116	15116	15116	4081	5116						8	12487		
94-A-8 Any size above and beyond by special agreement Section 1.2																				
97	Transfer meter circuit breaker box/disconnect box	Communication	775	810	810	810	810	810	810	218	215	973					9	696	OK TO ACCEPT	
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.																				
<b>INSTALLATION COSTS - GUYS AND ANCHORS</b>																				
110 - A	Guy wire complete Make-up-overhead, span, or arm guy	COMBINED	512	450	450	450	450	450	450	574	828	771	697	470	369	636	13	542	CURRENT SCJPC METHOD	
110 - B	Guy wire complete Make-up-Anchor guy	COMBINED	503	450	450	450	450	450	450	314	828	1005	564	531	499	318	13	520	CURRENT SCJPC METHOD	
110 - C	Guy wire comp. Make-up-Cutting-in insulator in exist guy	COMBINED	348	450	450	450	450	450	450	314	215		224		375	636	11	406	CURRENT SCJPC METHOD	

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019	
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	<b>COMBINED</b>	<b>427</b>	450	450	450	450	450	450	574	215		247	697	470	369	477	13	<b>442</b>	CURRENT SCJPC METHOD		
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	<b>COMBINED</b>	<b>325</b>	450	450	450	450	450	450	314	215		341	128	165	381	64	13	<b>331</b>	CURRENT SCJPC METHOD		
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.																					
<b>111 - A</b> Anchors-expanding plate(Hand Dig)	<b>Both</b>	<b>1120</b>	810	810	810	810	810	810	574	828		2265	1881	1446	2078	636	13	<b>1121</b>			
<b>111 - B</b> Anchors-expanding plate(Truck access)	<b>Both</b>	<b>726</b>	810	810	810	810	810	810	574	828			1022		476	636	11	<b>763</b>			
<b>111 - C</b> Anchors-PISA screw anchor	<b>Both</b>	<b>761</b>	810	810	810	810	810	810	574	828	1121	1156	677	610	476	636	14	<b>781</b>			
<b>111 - D</b> Anchors-Hydraulically driven (mantaray)	<b>Both</b>	<b>708</b>	810	810	810	810	810	810	574	828			592		798	318	11	<b>725</b>			
<b>111 - E</b> Anchors-Concreting an anchor	<b>Both</b>	<b>397</b>	281	281	281	281	281	281	574	828					1451		9	<b>504</b>			
<b>111 - F</b> Anchors-Sale of abandoned anchor to another utility-all sizes	<b>Both</b>	<b>374</b>	233	233	233	233	233	233	574	828		1198			321	318	11	<b>421</b>			
<b>111 - G</b> Anchors-Existing anchor purchase (Rear property)	<b>Both</b>	<b>659</b>	672	672	672	672	672	672	574	828		1586		1012	321	2546	12	<b>908</b>			
<b>111 - H</b> Anchors-Existing Anchor Purchase (street/alley)	<b>Both</b>	<b>387</b>	356	356	356	356	356	356	574	828		809		1012	321	636	12	<b>526</b>			
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.																					
<b>112 - A</b> Sidewalk anchor fittings-2" pipe brace & fittings	<b>Both</b>	<b>317</b>	270	270	270	270	270	270	314	828						318	9	<b>342</b>			
<b>112 - B</b> Sidewalk anchor fittings-2 1/2" pipe brace & fittings	<b>Both</b>	<b>355</b>	270	270	270	270	270	270	314	828		646	488		337	318	12	<b>379</b>			
<b>112 - C</b> Sidewalk anchor fittings-3" pipe brace & fittings	<b>Both</b>	<b>334</b>	270	270	270	270	270	270	314	828						318	9	<b>342</b>			
<b>112 - D</b> Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	<b>Both</b>	<b>324</b>	270	270	270	270	270	270	700	828		452					9	<b>400</b>			
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.																					
<b>115 - A</b> Heel/toe bracing pole-with treated wood blocks, new pole	<b>Both</b>	<b>513</b>	810	810	810	810	810	810	1166	828		646			763	636	11	<b>809</b>			
<b>115 - B</b> Heel/toe bracing pole-with treated wood blocks, existing pole	<b>Both</b>	<b>772</b>	810	810	810	810	810	810	1166	828					763	1114	10	<b>873</b>			
<b>115 - C</b> Heel/toe bracing pole-with fiberglass blocks, new pole	<b>Both</b>	<b>570</b>	810	810	810	810	810	810	1166	828			1447		763	955	11	<b>911</b>			
<b>115 - D</b> Heel/toe bracing pole-with fiberglass blocks, existing pole	<b>Both</b>	<b>973</b>	990	990	990	990	990	990	1166	828			2178		763	1591	11	<b>1133</b>			
<b>116 - A</b> Breast blocking only, new or existing pole-w/treated wood block	<b>Both</b>	<b>695</b>	540	540	540	540	540	540		828					1525	318	9	<b>657</b>			
<b>116 - B</b> Breast blocking only, new or existing pole-w/concrete block	<b>Both</b>	<b>628</b>	540	540	540	540	540	540		828		646			1525		9	<b>693</b>			
<b>116 - C</b> Breast blocking only, new or existing pole-w/fiberglass block	<b>Both</b>	<b>679</b>	540	540	540	540	540	540		828			1162		1525	796	10	<b>755</b>			
<b>119</b> - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).																					
<b>INSTALLATION COSTS - POWER CIRCUITS</b>																					

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/ Comments FROM 2019
<b>120 Crossarms, standard line (pins and insulators are extra):</b> <b>These are costs for installation or attachment to existing</b> <b>(For attachment to existing, use arm cost only)</b>																				
120 - A	Power	415											482			318	2	400		
CF ARM	Power	601											638			318	2	478		
Plus conductor	Power	286											285			318	2	302		
120 - B	Power	807											907			318	2	613		
CF ARM	Power	1150											1220			318	2	769		
Plus conductor	Power	286											285			318	2	302		
120 - C	Power	1567											2188			318	2	1253		
CF ARM	Power	2341											2501			318	2	1409		
Plus conductor	Power	286											285			318	2	302		
120 - D	Power	896														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - E	Power	1105											1396			318	2	857		
CF ARM	Power	1498											1582			318	2	950		
Plus conductor	Power	345											414			318	2	366		
120 - F	Power	410														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - G	Power	817														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - H	Power	444														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - I	Power	894														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 -J	Power	830											1338			318	2	828		
CF ARM	Power	1389											1494			318	2	906		
16-34KV	Power	286											279			318	2	299		
66-115KV	Power	315														318	1	318		
120 -K	Power	1239											1763			636	2	1200		
CF ARM	Power	1938											2076			636	2	1356		
16-34KV	Power	286											285			636	2	461		
66-115KV	Power	315														636	1	636		
120 -L	Power	2040											3142			796	2	1969		
CF ARM	Power	2932											3142			318	2	1730		
16-34KV	Power	286											285			636	2	461		
66-115KV	Power	315														636	1	636		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019	
<b>120 -M</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Sidearm single	Power	588														318	1	318			
<b>CF ARM</b>	Power	BLANK														318	1	318			
<b>16-34KV</b>	Power	315														318	1	318			
<b>66-115KV</b>	Power	315														318	1	318			
<b>120 -N</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Sidearm Double	Power	1610											2438			636	2	1537			
<b>CF ARM</b>	Power	2286											2438			636	2	1537			
<b>16-34KV</b>	Power	345											414			636	2	525			
<b>66-115KV</b>	Power	315														636	1	636			
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.																					
<b>121. Pole top extensions, including arms (pins and insulators are extra):</b>																					
<b>121 -A</b> Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	2262											1372			1909	2	1641			
<b>Plus conductor each</b>	Power	345											414			318	2	366			
<b>121 -B</b> Pole top extensions, including arms:8-9 ft extension (extension complete)	Power	3019											3166				1	3166			
<b>Plus conductor each</b>	Power	375											414				1	414			
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.																					
<b>122 -A</b> Insulators including pins and hardware: 0-7.5kV pin type, each	Power	136											183			95	2	139			
<b>122 -B</b> Insulators including pins and hardware: 11 or 16kV pin type each	Power	138														95	1	95			
<b>122 -C</b> Insulators including pins and hardware: 34kV pin type each	Power	358											578			95	2	337			
<b>122 -D</b> Insulators including pins and hardware: 66kV pin type each	Power	341														191	1	191			
<b>122 -E</b> Insulators including pins and hardware: 11 and 16kV post type each	Power	169														95	1	95			
<b>122 -F</b> Insulators including pins and hardware: 34kV post type each	Power	376											615			95	2	355			
<b>122 -G</b> Insulators including pins and hardware: 66KV post type each	Power	480														191	1	191			
<b>122 -H</b> Insulators including pins and hardware: 34-115kV suspension (strain)	Power	246														191	1	191			
<b>123. Dead ends, on arm or direct to pole, per each strain dead end:</b>																					
<b>123 -A</b> 0-750 volt secondary	Power	177											203			80	2	141			
<b>123 -B</b> 750-7,500 volt primary	Power	197											281			80	2	180			
<b>123 -C</b> 11 or 16KV-1 strain insulator	Power	188														80	1	80			
<b>123 -D</b> 11 or 16KV-2 strain insulators	Power	241														118	1	118			

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
123 -E	34kv - 4/0 conductor or smaller - 2 insulators	Power	454													159	1	159		
123 -F	34kv - 4/0 conductor or smaller - 3 insulators	Power	494										345			207	2	276		
123 -G	34kv - larger than 4/0 conductor - 3 insulators	Power	521										345			207	2	276		
123 -H	66 to 115kv - 4/0 conductor or smaller - 4 insulators	Power	1276													318	1	318		
123 -I	66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1347													318	1	318		
123 -J	750-7500 volt primary silicone insulators	Power	227										245				1	245		
123 -K	34KV - silicone insulators	Power	322										345				1	345		
<b>NOTE:</b>																				
Add for each additional insulator on items (c) to (d).		Power	74														0	#DIV/0!	Edison will check and submit	USE 2017 PRICES 4/16/2019
Add for each additional insulator on items (e) to (f).		Power	165														0	#DIV/0!	Edison will check and submit	USE 2017 PRICES 4/16/2019
Add for each additional insulator on item (g).		Power	180														0	#DIV/0!	Edison will check and submit	USE 2017 PRICES 4/16/2019
Add for each additional insulator on item (h).		Power	246														0	#DIV/0!	Edison will check and submit	USE 2017 PRICES 4/16/2019
Add for each additional insulator on item (i). See Item 12U for cost of arms.		Power	262														0	#DIV/0!	Edison will check and submit	USE 2017 PRICES 4/16/2019
124 -A	Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	295										271			318	2	295		
Plus conductor ea.		Power	256										220			318	2	269		
124 -B	Racks/Brackets,secondary - Bracket, triplex	Power	208										221			239	2	230		
Plus triplex conductor ea.		Power	256										235			318	2	277		
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	628										742			477	2	610		
126-A	Support: single insulator, fiberglass	Power	276										296				1	296		
126-B	Support: Double insulator, fiberglass	Power	379										405				1	405		
126-C	Support: Triple insulator, fiberglass	Power	INTENTIONALLY LEFT BLANK														0	#DIV/0!	LADWP TO CHECK THE PRICE. Research sent to AC Committee 3/2/2021	NOTE: "INTENTIONALLY LEFT BLANK" 4/16/2019 (NO PRICE)
126-D	Support: Pole Top insulator, fiberglass	Power	287										294				1	294		
127	Support, single dead end fiberglass	Power	286										277				1	277		
128-A	Insulator mounting bracket-single(vertical or horizontal)	Power	562										605				1	605		
128-B	Insulator mounting bracket-Double(vertical)	Power	1124										1210				1	1210		
128-C	Insulator mounting bracket-Single over 40KV	Power	1157													955	1	955		
129-A	Steel Crossarm, squirrel cage bracket, including insulator-Single	Power	550														0	#DIV/0!	REMOVE 2/17/2021	Use 2017 prices 4/16/2019
129-B	Steel Crossarm, squirrel cage bracket, including insulator-Double	Power	491														0	#DIV/0!	REMOVE 2/17/2021	
130	Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308														0	#DIV/0!	REMOVE 2/17/2021	
131	Insulator assembly bracket for endarm mounting	Power	604										558			1273	2	916		
132-A	mounting bracket: two transformers	Power	584										627			318	2	473		
132-B	mounting bracket: three transformers	Power	980										1033			414	2	724		
NOTE: Refer to Item 12U for conductor cost.																				
149	Installation of power line equip. not listed-Special Agreement 1.2.																			

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
<b>INSTALLATION COSTS - COMMUNICATION CIRCUITS</b>																				
159-Semi-circular cable guard ("U" guard): installation	Communication	184	180	180	180	180	180	180	125	303		286					9	199	OK TO ACCEPT	
<b>160. Crossarms: (For installation or attachment to existing with service wire only):</b>																				
160-A Crossarms-single wood service	Communication	260	270	270	270	270	270	270	379	215		323					9	282	OK TO ACCEPT	
160-B Crossarms-Double wood service	Communication	268	270	270	270	270	270	270	379	215		398					9	290	OK TO ACCEPT	
160-C Crossarms-Composite Fiberglass Arm	Communication	256	270	270	270	270	270	270	379	215							8	277		
160-D Crossarms-Attach to existing arm no charge	Communication																			
<b>161. Guard arms: (For installation or attachment to existing with service wire only):</b>																				
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	379	215		323					9	282	OK TO ACCEPT	
161-B -Guard arms-Double wood service	Communication	336	360	360	360	360	360	360	379	215		398					9	350	OK TO ACCEPT	
161-C -Guard arms-Composite Fiberglass	Communication	249	270	270	270	270	270	270	379	215							8	277		
<b>163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:</b>																				
163 - A Drive hook with one wedge grip unit	Communication	75	45	45	45	45	45	45	379	128							8	97		
163 - B Additional wedge grip units on same hook, each	Communication	75	45	45	45	45	45	45	379	128							8	97		
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
CF ARM	Communication	199	200	200	200	200	200	200		171							7	196		
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
CF ARM	Communication	185	200	200	200	200	200	200		171							7	196		
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
CF ARM	Communication	185	200	200	200	200	200	200		171							7	196		
164 - D Cable arm(install or atch to existing)-Additional cable(on separate messenger) on same arm	Communication	252	270	270	270	270	270	270	379	171							8	271		
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	261	270	270	270	270	270	270	355	189							8	270		
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	110	68	68	68	68	68	68	355	189							8	119		
167 - A Messenger without cable - single arm	Communication	318	270	270	270	270	270	270	355	828							8	350		
167 - B Messenger without cable - Double arm	Communication	318	270	270	270	270	270	270	355	828							8	350		
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	318	270	270	270	270	270	270	355	828							8	350		
167 - D Messenger without cable - Direct to pole	Communication	303	270	270	270	270	270	270	355	828							8	350		
167 -E Messenger without cable - additional messenger	Communication	318	270	270	270	270	270	270	355	828							8	350		
168 - Multiple distribution service wire attached to pole or arms	Communication	129	90	90	90	90	90	90	355	215							8	139		
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	109	90	90	90	90	90	90	297	145							8	123		
170 - Bonding to secondary neutral ground, per pole	Communication	152	180	180	180	180	180	180	72	145							8	162		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES 2/17/2021	Notes/Comments FROM 2019
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.																				
<b>Column/Element Definitions</b>																				
<b>Column 1: <u>Item number and definition.</u></b> Authorized Cost item number, and description.																				
<b>Column 2: <u>Power/Communication/Both</u></b> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.																				
<b>Column 3: <u>Direct Labor (loaded)</u></b> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.																				
<b>Column 4: <u>Total Labor Hours</u></b> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.																				
<b>Column 5: <u>Total Direct Labor</u></b> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.																				
<b>Column 6: <u>Material Cost (FOB)</u></b> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.																				
<b>Column 7: <u>Equipment Expense</u></b> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.																				
<b>Column 8: <u>General and Administrative</u></b> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.																				
<b>Column 9: <u>Total Cost</u></b> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.																				
<b>*** 08/16/2016: Item 19 authorized cost calculation is determined by:</b> 1. Labor required in preparation to relocate top portion of the old pole. 2. Relocation and support of the top portion of the old pole. 3. Include the cost associated with supporting cables and conductors.																				

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

**April 21, 2021**

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:28 a.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Ms. Maria Ortiz	XO Communication
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Joe Serrato	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Ms. Alida Montiel	Crown Castle NG West Inc.
Mr. Wesley Jones	Crown Castle NG West Inc.
Mr. Jeremy Harmon	Verizon Wireless
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Yesenia Delgado	Time Warner Cable
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Mr. Barry Consulter	AT&T California
Ms. Tara Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Ben Coffey	City of Banning
Ms. Yvonne Johnson	AT&T Mobility
Mr. Jim Todaro	AT&T Mobility
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Mr. Hugo Murillo	City of Burbank
Ms. Amanda Lindgren	City of Glendale
Mr. Isaiah Zamora	Bear Valley Electric Services Inc.
Ms. Ariel Dunning	City of Colton
Mr. Joe Armstrong	City of Pasadena
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff

Mr. Van Stryk called the meeting to order at 10:28 a.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk 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 Items 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder)** – Mr. Van Stryk stated it is a standing agenda. Mr. Van Stryk then moved on to agenda item 3.

**Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices)** - Mr. Van Stryk stated that SCE provided revised item 13A & 13B on April 14h, 2021 and there are no changes to other items. Mr. Van Stryk inquired if members would like to review the items and vote on them in the Administrative Board meeting. Mr. Bacon agreed that the members should review the items.

**Agenda Item 4 - Miscellaneous/ New Item numbers** – Mr. Van Stryk opened the floor to any miscellaneous items. There were none at the time.

**Agenda Item 5 - Review of Action Items:**

- Members to review Draft 4 of the Authorized Costs, review the changes on item 13A and 13B, and vote on it at the next Administrative Board meeting.

The meeting adjourned at 10:29 a.m.

The next meeting is scheduled for May 19, 2021.

Angela Pranata – Committee Staff

																			1/15/2021		
Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES	
																			14		
<b>POLE MAINTENANCE AND MISCELLANEOUS</b>																					
1-Trenching/Moving 30'-35' WITH supply	Power	2708											2577	1592	3051	3819	4	2760			
1-Trenching/Moving 40'-45' WITH supply	Power	3241											3221	2276	3432	3819	4	3187			
1-Trenching/Moving 50'-55' WITH supply	Power	3889											3650	2959	4195	5092	4	3974			
1-Trenching/Moving 60'-65' WITH supply	Power	4374											4509	3643	4576	5092	4	4455			
1-Trenching/Moving 70'-75' WITH supply	Power	6581											5582	4326		10183	3	6697			
1-Trenching/Moving 80'-85' WITH supply	Power	7388											6871	5693		10183	3	7582			
1-Trenching/Moving 90'-95' WITH supply	Power	8062											8052	7059		10183	3	8432			
1-Trenching/Moving 100' WITH supply	Power	9093											8696	8426		10183	3	9102			
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	912	990	990	990	990	990	990	843	915							8	962			
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	927	990	990	990	990	990	990	843	1090							8	984			
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1550	1800	1800	1800	1800	1800	1800	843	1265							8	1614			
3- Lowering/Raising to Grade (one operation) 30'-35'	COMBINED	1152							843	915			2577		1525	3819	5	1936			
3- Lowering/Raising to Grade (one operation) 40'-45'	COMBINED	1249							843	1090			3221		1907	3819	5	2176			
3- Lowering/Raising to Grade (one operation) 50'-55'	COMBINED	1524							843	1265			3650		2288	3819	5	2373			
3- Lowering/Raising to Grade (one operation) 60'-65'	COMBINED	1639							843				4509		2669	3819	4	2960			
3- Lowering/Raising to Grade (one operation) 70'-75'	COMBINED	1872											5582			5092	2	5337			
3- Lowering/Raising to Grade (one operation) 80'-85'	COMBINED	2004											6871			5092	2	5981			
3- Lowering/Raising to Grade 90'-95'	COMBINED	2124											8052			5092	2	6572			
3- Lowering/Raising to Grade (one operation) 100'	COMBINED	2190											8696			5092	2	6894			
4- Straightening in Earth 30'-35'	COMBINED	1006	630	630	630	630	630	630	843	915			1439		2051	2546	11	1052			
4- Straightening in Earth 40'-45'	COMBINED	1049	630	630	630	630	630	630	843	1090			1439		2669	2546	11	1124			
4- Straightening in Earth 50'-55'	COMBINED	1124	630	630	630	630	630	630	843	1265			1439		3432	2546	11	1210			
4- Straightening in Earth 60'-65'	COMBINED	1729							843				2126		4576	2546	4	2523			
4- Straightening in Earth 70'-75'	COMBINED	1819											2126			5092	2	3609			
4- Straightening in Earth 80'-85'	COMBINED	1819											2126			5092	2	3609			
4- Straightening in Earth 90'-95'	COMBINED	1819											2126			5092	2	3609			
4- Straightening in Earth 100'	COMBINED	3319											2126			5092	2	3609			
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	1043	810	810	810	810	810	810	534	828	1041	2484	1439	1252	1525	1591	14	1111			
5-B Removing From Service:Transporting	Both	313	180	180	180	180	180	180	374	215	520	261	859	208	342	477	14	310			
5-C Removing From Service: Topping (based on cut and lowering of pole top)	Both	671	810	810	810	810	810	810	72	303	520	1135	773	208	572	636	14	648			
5-D Removing From Service: Disposal	Both	670	810	810	810	810	810	810	669	215		683		693	1282	2546	12	912			
5-E Removing from service: Lowering	Both	543							806	215		1135	429		381	1273	6	707			
5-F Removing From Service: Removal of steel truss (any size) - Added 03/18/14	Both	859	810	810	810	810	810	810	806	1265			1439		1144	1273	11	981			
6-A Pole Stubbing 8 Ft metal truss	Power	1394													1525		1	1525			
6-B Pole Stubbing 10-11 Ft metal truss	Power	1712									1952		1790		1525		3	1756			
6-C Pole Stubbing 11 Ft metal truss	Power	1523									1952		1790		1907		3	1883			
6-D Pole Stubbing 12 Ft metal truss	Power	1432											1790		1907		2	1848			
6-E Pole Stubbing 13 Ft metal truss	Power	1738													2051		1	2051			
6-F Pole Stubbing 14 Ft metal truss	Power	2252													2669		1	2669			
6-G Pole Stubbing 15.5 Ftmatal truss	Power	2414													2669		1	2669			
6-H Pole Stubbing: Add'l metal trusses (all sizes)	Power	834													1525		1	1525			
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1429									2473		1119		763		3	1451			

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
<b>7 - Intentionally left blank</b>																				
8-A Semi Cir. Pole Guards - Installation	Both	184							125	215			346				3	229		
8-B Semi Cir. Pole Guards - Transferring	Both	176							125	215			307				3	216		
<b>9 Title: Hand Dig Pole Set/Hand Removal (does not apply to Sec 7.4 or rear property line)</b>																				
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both	1758	1620	1620	1620	1620	1620	1620	1219	828	2082	3145	1718	2040	2610	2546	14	1850		
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both	1625	1620	1620	1620	1620	1620	1620	671	828	2082	2044	1718	1912		2546	13	1655		
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both	1584	1620	1620	1620	1620	1620	1620	1219	828		2044	1718	1912		2546	12	1666		
<b>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)</b>																				
10-A Cement break and temporary repair	Both	1363	1890	1890	1890	1890	1890	1890	326	740	520	1512	1147	1109	3008	1909	14	1544		
10-B Asphalt break & repair	Both	1368	2100	2100	2100	2100	2100	2100	224	478	1187	1804	464	975	2089	1273	14	1507		
10-C Cement saw cut brk&repair-based on 25 square feet	Both	876	1500	1500	1500	1500	1500	1500	713	1003	1311	1329	1316	1363	3008	1909	14	1497		
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both	1308	3000	3000	3000	3000	3000	3000	1426	1003		2536	2124		4579	1909	12	2631		
10-E ADA accessible ramp	Both	9987	2500	2500	2500	2500	2500	2500	2585	3541						2546	9	2630		
<b>11-Joint Rights of Way-by special agreement</b>																				
<b>12-A-Reserved for future use</b>																				
12-B Pole Inspect/Treat-Partial Dig	Power	196											245		348		2	296		
12-C Pole Inspect/Treat-Sound&Bore	Power	193											245		348		2	296		
12-D Pole Inspect/Treat-Full Treatment	Power	202											245		348		2	296		
12-E Pole Inspect/Treat-Reject	Power	197											245		348		2	296		
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	211											245	132	389		3	255		
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	BOTH	315	360	360	360	360	360	360							329	756	8	406	SCE UPDATED PRICES 13A	2/17/2021 4/14/2021
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	345	360	360	360	360	360	360	69	303		673	531		329	756	12	402	SCE UPDATED PRICES 13B	2/17/2021 4/14/2021
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	315	275	275	275	275	275	275	137	215		368	745	104	116		12	278		
14-B JPA Administrative Fee (per pole cost) - Failure to Final JPA: Field verification only	Both	178	150	150	150	150	150	150	137	215		246	555	104	48		12	184		
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	200	160	160	160	160	160	160				293		209	48		9	168		
15-A Pole Marking-Tagging	Both	64	45	45	45	45	45	45	72	84		59	48	26	149	25	13	56	NO CHANGES FOR SCE PRICE	4/14/2021
15-B Pole Marking-Visibility Strips	Both	56	45	45	45	45	45	45	72	84	60	59	51	26	157	25	14	57	NO CHANGES FOR SCE PRICE	4/14/2021
16-A Backhoe 2/hr minimum	Both	345	270	270	270	270	270	270	802	280					648	636	10	399		
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	190	180	180	180	180	180	180	401	160					365	636	10	264		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES	
<b>17 Title: Wood Pole Fiberglass wrap restoration:</b>																					
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810															0	#DIV/0!	USE LAST YEAR'S PRICES	2/17/2021	
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427															0	#DIV/0!	USE LAST YEAR'S PRICES	2/17/2021	
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428															0	#DIV/0!	USE LAST YEAR'S PRICES	2/17/2021	
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116															0	#DIV/0!	USE LAST YEAR'S PRICES	2/17/2021	
18-A ModPole Material & Installation 9'	Power	1325													4549		1	4549			
18-B ModPole Material & Installation 14'	Power	1438															0	#DIV/0!	USE LAST YEAR'S PRICES	2/17/2021	
18-C ModPole Material & Installation 18'	Power	1663															0	#DIV/0!	USE LAST YEAR'S PRICES	2/17/2021	
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	COMBINED	2013	1890	1890	1890	1890	1890	1890	1890	1956	1440	2082	4907	1997	2183	1907	7638	14	2532	NO CHANGES FOR SCE PRICE	4/14/2021
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	COMBINED	2188	1890	1890	1890	1890	1890	1890	1890	1956	2140	2602	4907	2641	2321	2288	10183	14	2884	NO CHANGES FOR SCE PRICE	4/15/2021
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	COMBINED	2879	2790	2790	2790	2790	2790	2790	2790	1956	2665						12	4012	NO CHANGES FOR SCE PRICE	4/16/2021	
<b>TRANSFER COSTS GUY WIRES -----</b>																					
<b>20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:</b>																					
20- A All types and sizes, each end	COMBINED	357	400	400	400	400	400	400	355	303		661	687	892	708	477	13	499			
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:	COMBINED	524	450	450	450	450	450	450	355	828		979	687	892	709	636	13	599			
20-C Insulator relocation	COMBINED	342	270	270	270	270	270	270	355	303		973	236		354	636	12	373			
<b>TRANSFER COSTS - POWER CIRCUITS -----</b>																					
<b>21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:</b>																					
<b>21 - A 0-7.5 kv single Arm (includes service arm)</b>																					
Transfer Arm	Power	523											794	255		318	3	456			
Transfer Conductor (splicing required)	Power	424											408	510		318	3	412			
Transfer Conductor (no splicing)	Power	286											279	255		318	3	284			
<b>21 - B 0-7.5 kv double arm</b>																					
Transfer Arm	Power	1016											1524	382		318	3	742			
Transfer Conductor (splicing required)	Power	424											408	765		318	3	497			
Transfer Conductor (no splicing)	Power	286											279	382		318	3	327			
<b>21 - C 0-7.5 kv double arm with reinforcing bracket</b>																					
Transfer Arm	Power	1637											2705			318	2	1512			
Transfer Conductor (splicing required)	Power	424											408			318	2	363			
Transfer Conductor (no splicing)	Power	286											279			318	2	299			
<b>21 - D 0-7.5kv sidearm - single</b>																					
Transfer Arm	Power	315														318	1	318			
Transfer Conductor (splicing required)	Power	472														318	1	318			
Transfer Conductor (no splicing)	Power	315														318	1	318			
<b>21 - E 0-7.5kv sidearm - double</b>																					
Transfer Arm	Power	1400											2190			318	2	1254			
Transfer Conductor (splicing required)	Power	483											537			318	2	428			
Transfer Conductor (no splicing)	Power	345											408			318	2	363			

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<b>21 - F 7.6-15kv single arm</b>																				
Transfer Arm	Power	315														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - G 7.6-15kv double arm</b>																				
Transfer Arm	Power	630														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - H 7.6-15kv sidearm - single</b>																				
Transfer Arm	Power	630														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - I 7.6-15kv sidearm - double</b>																				
Transfer Arm	Power	1102														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - J 16-34kv single arm</b>																				
Transfer Arm	Power	809											1245	255		636	3	712		
Transfer Conductor (splicing required)	Power	798											880	510		636	3	676		
Transfer Conductor (no splicing)	Power	660											751	255		636	3	548		
<b>21 - K 16-34kv double arm</b>																				
Transfer Arm	Power	1193											1739	382		636	3	919		
Transfer Conductor (splicing required)	Power	798											880	765		636	3	761		
Transfer Conductor (no splicing)	Power	660											751	382		636	3	590		
<b>21 - L 16-34kv double arm with reinforcing bracket</b>																				
Transfer Arm	Power	1816											2924			636	2	1780		
Transfer Conductor (splicing required)	Power	798											880			636	2	758		
Transfer Conductor (no splicing)	Power	660											751			636	2	694		
<b>21 - M 16-34kv sidearm - single</b>																				
Transfer Arm	Power	787														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - N 16-34kv sidearm - double</b>																				
Transfer Arm	Power	1637											2362			636	2	1499		
Transfer Conductor (splicing required)	Power	857											1009			636	2	823		
Transfer Conductor (no splicing)	Power	719											880			636	2	758		
<b>21 - O 66-115kv single arm</b>																				
Transfer Arm	Power	945														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - P 66-115kv double arm</b>																				
Transfer Arm	Power	1259														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
<b>21 - Q 66-115kv steel arm</b>																				
Transfer Arm	Power	1036														636	1	636		
Transfer Conductor (splicing required)	Power	787														636	1	636		
Transfer Conductor (no splicing)	Power	630														636	1	636		
NOTE: Add Item 24 for bonding cost.																				

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
<p>NOTES CONCERNING ITEMS 21 AND 22: For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.</p>																				
<b>22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:</b>																				
<b>22-A</b> 0-750 volt secondary	Power	286											451	111		159	3	240		
<b>22-B</b> 750-7,500 volt primary	Power	611											644	166		636	3	482		
<b>22-C</b> 7.6-115kv - 1 or 2 strain insulators	Power	1459											2147	166		955	3	1089		
<b>22-D</b> 7.6-115kv - 3 or 4 strain insulators	Power	1538											2319			955	2	1637		
<b>22-E</b> 7.6-115kv - 5 or 6 strain insulators	Power	945														955	1	955		
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost																				
<b>23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)</b>																				
<b>23-A</b> Flat to vertical 7.5-115kv single arm per pole	Power	2622											3135			2387	2	2761		
<b>23-A1</b> Triangular to Flat 7.5-115kv single arm per pole	Power	2291											3135			1703	2	2419		
<b>23-A2</b> Vertical to Flat 7.5-115kv single arm per pole	Power	2732											3135			2594	2	2864		
<b>23-B</b> Flat to vertical 7.5-115kv double arm per pole	Power	2622											3135			2387	2	2761		
<b>23-B1</b> Triangular to Flat 7.5-115kv double arm per pole	Power	2291											3135			1703	2	2419		
<b>23-B2</b> Vertical to Flat 7.5-115kv double arm per pole	Power	2732											3135			2594	2	2864		
NOTE: Cost of rebonding is included in above prices.																				
<b>24 - A</b> Bonding Per Pole: Single circuit-all voltages	Power	453											472			477	2	475		
<b>24 - B</b> Bonding Per Pole: Double circuit-all voltages	Power	749											945			636	2	791		
<b>25 -</b> Ground Wire, Incl. protective covering	Power	855											902			477	2	690		
<b>26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)</b>																				
<b>27 - A</b> Racks & brackets-secondary/3-4 wire to pole	Power	374											301			477	2	389		
Plus Conductor ea.	Power	256											215			318	2	266		
<b>27 - B</b> Bracket, Triplex	Power	266											236			318	2	277		
Plus Triplex conductor	Power	256											215			318	2	266		
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.																				
<b>28 - A</b> Service Conductors - Transferring, raising or lowering: #4 conductor of smaller	Power	286											279	111		80	3	157		
<b>28 - B</b> Service Conductors - Transferring, raising or lowering: Larger than #4 conductor	Power	392											408	111		159	3	226		
<b>28 - C</b> Service Conductors - Transferring, raising or lowering: Triplex Service conductors	Power	286											279	111		159	3	183		
<b>29- A</b> Transformers 1-1/2 to 25 KVA each	Power	3618											5132			2546	2	3839		

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29- B Transformers 30 to 167 KVA each	Power	3933											5132			3182	2	4157			
29- C Mounting Brackets, two transformers	Power	444											623			264	2	443			
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	5851											4509			7638	2	6073			
30-B Capacitors/capacitor bank non-switched	Power	3823											4208			3819	2	4014			
31-A Street Lights Ctr Susp type-span end	Power	2834														318	1	318			
31-B Street Lights Ctr Susp type-Feed end	Power	3149														668	1	668			
31-C Street Lights Gooseneck or brket type open wire	Power	2834														318	1	318			
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	818											751			668	2	710			
31-E Street Lights Mast arm type	Power	818											751			891	2	821			
31-F Street Lights Pole top pin and insulator-single	Power	403											363			57	2	210			
31-G Street Lights Pole top pin and insulator-Double	Power	472														86	1	86			
32 Meter of Time Switch Control Box (Price by field agreement)																					
33-A Support single insulator fiberglass	Power	316											344				1	344			
33-B Support Double insulator fiberglass	Power	363											395				1	395			
33-C Support Triple insulator fiberglass	Power	INTENTIONALLY LEFT BLANK															0	INTENTIONALLY LEFT BLANK	Research sent to AC Committee 3/2/2021	NOTE: "INTENTIONALLY LEFT BLANK" 3/17/2021	
33-D Support Pole Top insulator fiberglass	Power	334											363				1	363			
34 Support, single deadend fiberglass	Power	316											344				1	344			
35-A Insulator mounting brkets-single(vertical or horizontal)	Power	473											687			318	2	503			
35-B Insulator mounting brkets-Double(vertical)	Power	868											1374			477	2	926			
35-C Insulator mounting brkets-Single, over 40KV	Power	945														955	1	955			
36-A Steel crossarm,Squirrel cage brkt inc. insulator-Single	Power	441														430	1	430			
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	630														621	1	621			
37- Double circuit side mount insulators-Dreyfuss Sunburst	Power	7556														7638	1	7638			
38- Insulator assembly bracket for endarm mountings	Power	526											459			1273	2	866			
NOTE: Refer to Item 21 for conductor cost																					
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)																					
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS</b>																					
74-Semi-circular cable guard ("U" guard): transferring	Communication	233	270	270	270	270	270	270	125	215							8	245			
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	291	270	270	270	270	270	270	355	215		566					9	306	OK TO ACCEPT		
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	306	270	270	270	270	270	270	355	215		716					9	323	OK TO ACCEPT		
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	81	45	45	45	45	45	45	355	84		65					9	86	OK TO ACCEPT		
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	77	45	45	45	45	45	45	355	84		47					9	84	OK TO ACCEPT		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
79-Multiple Distribution Service Wire on line pole	Communication	129	90	90	90	90	90	90	355	215							8	139		
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	112	68	68	68	68	68	68	355	215							8	122		
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	121	90	90	90	90	90	90	355	128							8	128		
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	446	450	450	450	450	450	450	446	478		716					9	482	OK TO ACCEPT	
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	475	450	450	450	450	450	450	446	653		866					9	518	OK TO ACCEPT	
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	462	450	450	450	450	450	450	446	478		872					9	500	OK TO ACCEPT	
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	467	450	450	450	450	450	450	446	740		716					9	511	OK TO ACCEPT	
NOTE: The above prices do not include cable terminals.																				
83-A Cable attached direct to pole (complete)	Communication	283	270	270	270	270	270	270	355	303		417		111			10	280	OK TO ACCEPT.	
83-B Cable attached (additional work required) (new item)	Communication	193	180	180	180	180	180	180	355	303		492					9	248	OK TO ACCEPT	
84-A Messenger reinforcing units-Strap each	Communication	214	270	270	270	270	270	270	355	128							8	263		
84-B Messenger reinforcing units-Link each	Communication	214	270	270	270	270	270	270	355	128							8	263		
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	319	270	270	270	270	270	270	355	478		641		111			10	320	OK TO ACCEPT.	
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	348	270	270	270	270	270	270	355	653		791					9	380	OK TO ACCEPT	
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	334	270	270	270	270	270	270	355	478		791					9	360	OK TO ACCEPT	
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	317	270	270	270	270	270	270	355	740		417					9	348	OK TO ACCEPT	
86-Messenger dead end, all sizes-with or without cable	Communication	307	270	270	270	270	270	270	355	303		660					9	326	OK TO ACCEPT	
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	242	270	270	270	270	270	270	355	215		339					9	281	OK TO ACCEPT	
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	371	360	360	360	360	360	360	355	828							8	418		
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	333	360	360	360	360	360	360	355	215							8	341		
88-Multiple Distribution Wire terminal Transfer	Communication	220	251	251	251	251	251	251	355	215							8	259		
<b>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):</b>																				
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	172							457	215							2	336		
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	172							457	215							2	336		
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	203							938	303							2	620		
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	282							938	215							2	576		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES	
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	283	321	321	321	321	321	321	329	215						8	309			
91-B	Cable Splicing/per splice/per pair=25 pr	Communication	286	325	325	325	325	325	325	329	215						8	312			
91-C	Cable Splicing/per splice/per pair=50 pr	Communication	339	375	375	375	375	375	375	329	390						8	371			
91-D	Cable Splicing/per splice/per pair=100 pr	Communication	494	561	561	561	561	561	561	329	565						8	533			
91-E	Cable Splicing/per splice/per pair=200 pr	Communication	756	823	823	823	823	823	823	598	1003						8	817			
91-F	Cable Splicing/per splice/per pair=300 pr	Communication	1051	1118	1118	1118	1118	1118	1118	866	1528						8	1138			
91-G	Cable Splicing/per splice/per pair=400 pr	Communication	1221	1278	1278	1278	1278	1278	1278	1135	1790						8	1324			
91-H	Cable Splicing/per splice/per pair=600 pr	Communication	1759	1809	1809	1809	1809	1809	1809	1733	2753						8	1917			
91-I	Cable Splicing/per splice/per pair=700 pr	Communication	2037	2093	2093	2093	2093	2093	2093	2002	3191						8	2219			
91-J	Cable Splicing/per splice/per pair=800 pr	Communication	2334	2401	2401	2401	2401	2401	2401	2270	3628						8	2538			
91-K	Cable Splicing/per splice/per pair=900 pr	Communication	2600	2719	2719	2719	2719	2719	2719	2599	3628						8	2818			
91-L	Cable Splicing/per splice/per pair=1200 pr	Communication	3485	3585	3585	3585	3585	3585	3585	3405	5378						8	3787			
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	347	318	318	318	318	318	318	417	303		596				9	358	OK TO ACCEPT		
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	1497	1851	1851	1851	1851	1851	1851	782	390						8	1535			
94-A-2	Fiber Optic Splicing/testing Fusion-48 strand	Communication	2467	3000	3000	3000	3000	3000	3000	1130	740						8	2484			
94-A-3	Fiber Optic Splicing/testing Fusion-60 strand	Communication	3145	3832	3832	3832	3832	3832	3832	1364	915						8	3159			
94-A-4	Fiber Optic Splicing/testing Fusion-72 strand	Communication	3638	4417	4417	4417	4417	4417	4417	1538	1090						8	3641			
94-A-5	Fiber Optic Splicing/testing Fusion-96 strand	Communication	4771	5794	5794	5794	5794	5794	5794	1886	1353						8	4750			
94-A-6	Fiber Optic Splicing/testing Fusion-144 strand	Communication	6668	8035	8035	8035	8035	8035	8035	2583	2053						8	6606			
94-A-7	Fiber Optic Splicing/testing Fusion-288 strand	Communication	12382	15116	15116	15116	15116	15116	15116	4081	5116						8	12487			
94-A-8 Any size above and beyond by special agreement Section 1.2																					
97	Transfer meter circuit breaker box/disconnect box	Communication	775	810	810	810	810	810	810	218	215		973				9	696	OK TO ACCEPT		
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.																					
<b>INSTALLATION COSTS - GUYS AND ANCHORS</b>																					
110 - A	Guy wire complete Make-up-overhead, span, or arm guy	COMBINED	512	450	450	450	450	450	450	574	828		771	697	470	369	636	13	542		
110 - B	Guy wire complete Make-up-Anchor guy	COMBINED	503	450	450	450	450	450	450	314	828		1005	564	531	499	318	13	520		
110 - C	Guy wire comp. Make-up-Cutting-in insulator in exist guy	COMBINED	348	450	450	450	450	450	450	314	215			224		375	636	11	406		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES	
<b>110 - D</b> Guy wire comp. Make-up-Attaching span guy to intersert pole	<b>COMBINED</b>	<b>427</b>	450	450	450	450	450	450	574	215		247	697	470	369	477	13	<b>442</b>			
<b>110 - E</b> Guy wire comp. Make-up-Guy guards	<b>COMBINED</b>	<b>325</b>	450	450	450	450	450	450	314	215		341	128	165	381	64	13	<b>331</b>			
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.																					
<b>111 - A</b> Anchors-expanding plate(Hand Dig)	<b>Both</b>	<b>1120</b>	810	810	810	810	810	810	574	828		2265	1881	1446	2078	636	13	<b>1121</b>			
<b>111 - B</b> Anchors-expanding plate(Truck access)	<b>Both</b>	<b>726</b>	810	810	810	810	810	810	574	828			1022		476	636	11	<b>763</b>			
<b>111 - C</b> Anchors-PISA screw anchor	<b>Both</b>	<b>761</b>	810	810	810	810	810	810	574	828	1121	1156	677	610	476	636	14	<b>781</b>			
<b>111 - D</b> Anchors-Hydraulically driven (mantaray)	<b>Both</b>	<b>708</b>	810	810	810	810	810	810	574	828			592		798	318	11	<b>725</b>			
<b>111 - E</b> Anchors-Concreting an anchor	<b>Both</b>	<b>397</b>	281	281	281	281	281	281	574	828					1451		9	<b>504</b>			
<b>111 - F</b> Anchors-Sale of abandoned anchor to another utility-all sizes	<b>Both</b>	<b>374</b>	233	233	233	233	233	233	574	828		1198			321	318	11	<b>421</b>			
<b>111 - G</b> Anchors-Existing anchor purchase (Rear property)	<b>Both</b>	<b>659</b>	672	672	672	672	672	672	574	828		1586		1012	321	2546	12	<b>908</b>			
<b>111 - H</b> Anchors-Existing Anchor Purchase (street/alley)	<b>Both</b>	<b>387</b>	356	356	356	356	356	356	574	828		809		1012	321	636	12	<b>526</b>			
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.																					
<b>112 - A</b> Sidewalk anchor fittings-2" pipe brace & fittings	<b>Both</b>	<b>317</b>	270	270	270	270	270	270	314	828						318	9	<b>342</b>			
<b>112 - B</b> Sidewalk anchor fittings-2 1/2" pipe brace & fittings	<b>Both</b>	<b>355</b>	270	270	270	270	270	270	314	828		646	488		337	318	12	<b>379</b>			
<b>112 - C</b> Sidewalk anchor fittings-3" pipe brace & fittings	<b>Both</b>	<b>334</b>	270	270	270	270	270	270	314	828						318	9	<b>342</b>			
<b>112 - D</b> Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	<b>Both</b>	<b>324</b>	270	270	270	270	270	270	700	828		452					9	<b>400</b>			
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.																					
<b>115 - A</b> Heel/toe bracing pole-with treated wood blocks, new pole	<b>Both</b>	<b>513</b>	810	810	810	810	810	810	1166	828		646			763	636	11	<b>809</b>			
<b>115 - B</b> Heel/toe bracing pole-with treated wood blocks, existing pole	<b>Both</b>	<b>772</b>	810	810	810	810	810	810	1166	828					763	1114	10	<b>873</b>			
<b>115 - C</b> Heel/toe bracing pole-with fiberglass blocks, new pole	<b>Both</b>	<b>570</b>	810	810	810	810	810	810	1166	828			1447		763	955	11	<b>911</b>			
<b>115 - D</b> Heel/toe bracing pole-with fiberglass blocks, existing pole	<b>Both</b>	<b>973</b>	990	990	990	990	990	990	1166	828			2178		763	1591	11	<b>1133</b>			
<b>116 - A</b> Breast blocking only, new or existing pole-w/treated wood block	<b>Both</b>	<b>695</b>	540	540	540	540	540	540		828					1525	318	9	<b>657</b>			
<b>116 - B</b> Breast blocking only, new or existing pole-w/concrete block	<b>Both</b>	<b>628</b>	540	540	540	540	540	540		828		646			1525		9	<b>693</b>			
<b>116 - C</b> Breast blocking only, new or existing pole-w/fiberglass block	<b>Both</b>	<b>679</b>	540	540	540	540	540	540		828			1162		1525	796	10	<b>755</b>			
<b>119 -</b> Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).																					
<b>INSTALLATION COSTS - POWER CIRCUITS -----</b>																					

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
<b>120 Crossarms, standard line (pins and insulators are extra):</b>																				
<b>These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)</b>																				
120 - A 0-7.5KV single WOODEN arm	Power	415											482			318	2	400		
CF ARM	Power	601											638			318	2	478		
Plus conductor	Power	286											285			318	2	302		
120 - B 0-7.5KV Double WOODEN arm	Power	807											907			318	2	613		
CF ARM	Power	1150											1220			318	2	769		
Plus conductor	Power	286											285			318	2	302		
120 - C 0-7.5KV Double WOODEN arm with reinforcing brackets	Power	1567											2188			318	2	1253		
CF ARM	Power	2341											2501			318	2	1409		
Plus conductor	Power	286											285			318	2	302		
120 - D 0-7.5KV WOODEN Sidearm-single	Power	896														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - E 0-7.5KV WOODEN Sidearm-Double	Power	1105											1396			318	2	857		
CF ARM	Power	1498											1582			318	2	950		
Plus conductor	Power	345											414			318	2	366		
120 - F 7.6-15KV Single WOODEN arm	Power	410														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - G -7.6-15KV Double WOODEN arm	Power	817														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - H -7.6-15KV WOODEN Sidearm-single	Power	444														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 - I 7.6-15KV WOODEN Sidearm-Double	Power	894														318	1	318		
CF ARM	Power	BLANK														318	1	318		
Plus conductor	Power	315														318	1	318		
120 -J Crossarms-WOODEN, standard line-16-115KV Single arm	Power	830											1338			318	2	828		
CF ARM	Power	1389											1494			318	2	906		
16-34KV	Power	286											279			318	2	299		
66-115KV	Power	315														318	1	318		
120 -K Crossarms-WOODEN, standard line-16-115KV Double arm	Power	1239											1763			636	2	1200		
CF ARM	Power	1938											2076			636	2	1356		
16-34KV	Power	286											285			636	2	461		
66-115KV	Power	315														636	1	636		
120 -L Crossarms-WOODEN, standard line-16-115KV Double arm w/rein brckets	Power	2040											3142			796	2	1969		
CF ARM	Power	2932											3142			318	2	1730		
16-34KV	Power	286											285			636	2	461		
66-115KV	Power	315														636	1	636		

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<b>120 -M</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Sidearm single	Power	588														318	1	318		
<b>CF ARM</b>	Power	BLANK														318	1	318		
<b>16-34KV</b>	Power	315														318	1	318		
<b>66-115KV</b>	Power	315														318	1	318		
<b>120 -N</b> Crossarms- <b>WOODEN</b> , standard line-16-115KV Sidearm Double	Power	1610											2438			636	2	1537		
<b>CF ARM</b>	Power	2286											2438			636	2	1537		
<b>16-34KV</b>	Power	345											414			636	2	525		
<b>66-115KV</b>	Power	315														636	1	636		
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.																				
<b>121. Pole top extensions, including arms (pins and insulators are extra):</b>																				
<b>121 -A</b> Pole top extensions, including arms: 6-7 ft extension (extension complete)	Power	2262											1372			1909	2	1641		
<b>Plus conductor each</b>	Power	345											414			318	2	366		
<b>121 -B</b> Pole top extensions, including arms: 8-9 ft extension (extension complete)	Power	3019											3166				1	3166		
<b>Plus conductor each</b>	Power	375											414				1	414		
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.																				
<b>122 -A</b> Insulators including pins and hardware: 0-7.5kV pin type, each	Power	136											183			95	2	139		
<b>122 -B</b> Insulators including pins and hardware: 11 or 16kV pin type each	Power	138														95	1	95		
<b>122 -C</b> Insulators including pins and hardware: 34kV pin type each	Power	358											578			95	2	337		
<b>122 -D</b> Insulators including pins and hardware: 66kV pin type each	Power	341														191	1	191		
<b>122 -E</b> Insulators including pins and hardware: 11 and 16kV post type each	Power	169														95	1	95		
<b>122 -F</b> Insulators including pins and hardware: 34kV post type each	Power	376											615			95	2	355		
<b>122 -G</b> Insulators including pins and hardware: 66KV post type each	Power	480														191	1	191		
<b>122 -H</b> Insulators including pins and hardware: 34-115kV suspension (strain)	Power	246														191	1	191		
<b>123. Dead ends, on arm or direct to pole, per each strain dead end:</b>																				
<b>123 -A</b> 0-750 volt secondary	Power	177											203			80	2	141		
<b>123 -B</b> 750-7,500 volt primary	Power	197											281			80	2	180		
<b>123 -C</b> 11 or 16KV-1 strain insulator	Power	188														80	1	80		
<b>123 -D</b> 11 or 16KV-2 strain insulators	Power	241														118	1	118		

SCJPC Authorized Cost Matrix Worksheet  
Effective January 2021

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
123 -E 34kv - 4/0 conductor or smaller - 2 insulators	Power	454														159	1	159		
123 -F 34kv - 4/0 conductor or smaller - 3 insulators	Power	494											345			207	2	276		
123 -G 34kv - larger than 4/0 conductor - 3 insulators	Power	521											345			207	2	276		
123 -H 66 to 115kv - 4/0 conductor or smaller - 4 insulators	Power	1276														318	1	318		
123 -I 66 to 115kv - larger than 4/0 conductor - 4 insulators	Power	1347														318	1	318		
123 -J 750-7500 volt primary silicone insulators	Power	227											245				1	245		
123 -K 34KV - silicone insulators	Power	322											345				1	345		
<b>NOTE:</b>																				
Add for each additional insulator on items (c) to (d).	Power	74															0	#DIV/0!	SCE OK WITH LAST PRICE	USE THE LAST PRICE 4/14/2021
Add for each additional insulator on items (e) to (f).	Power	165															0	#DIV/0!	SCE OK WITH LAST PRICE	USE THE LAST PRICE 4/14/2021
Add for each additional insulator on item (g).	Power	180															0	#DIV/0!	SCE OK WITH LAST PRICE	USE THE LAST PRICE 4/14/2021
Add for each additional insulator on item (h).	Power	246															0	#DIV/0!	SCE OK WITH LAST PRICE	USE THE LAST PRICE 4/14/2021
Add for each additional insulator on item (i). See Item 12U for cost of arms.	Power	262															0	#DIV/0!	SCE OK WITH LAST PRICE	USE THE LAST PRICE 4/14/2021
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	295											271			318	2	295		
Plus conductor ea.	Power	256											220			318	2	269		
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	208											221			239	2	230		
Plus triplex conductor ea.	Power	256											235			318	2	277		
125 - Ground assembly, complete	Power	628											742			477	2	610		
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	276											296				1	296		
126-B Support: Double insulator, fiberglass	Power	379											405				1	405		
126-C Support: Triple insulator, fiberglass	Power	INTENTIONALLY LEFT BLANK															0	INTENTIONALLY LEFT BLANK	Research sent to AC Committee 3/2/2021	NOTE: "INTENTIONALLY LEFT BLANK" 3/17/2021
126-D Support: Pole Top insulator, fiberglass	Power	287											294				1	294		
127 Support, single dead end fiberglass	Power	286											277				1	277		
128-A Insulator mounting bracket-single(vertical or horizontal)	Power	562											605				1	605		
128-B Insulator mounting bracket-Double(vertical)	Power	1124											1210				1	1210		
128-C Insulator mounting bracket-Single over 40KV	Power	1157														955	1	955		
129-A Steel Crossarm, squirrel cage bracket, including insulator-Single	Power	550															0	#DIV/0!	REMOVE 2/17/2021	REMOVE
129-B Steel Crossarm, squirrel cage bracket, including insulator-Double	Power	491															0	#DIV/0!	REMOVE 2/17/2021	REMOVE
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308															0	#DIV/0!	REMOVE 2/17/2021	REMOVE
131 Insulator assembly bracket for endarm mounting	Power	604											558			1273	2	916		
132-A mounting bracket: two transformers	Power	584											627			318	2	473		
132-B mounting bracket: three transformers	Power	980											1033			414	2	724		
NOTE: Refer to Item 12U for conductor cost.																				
149 - Installation of power line equip. not listed-Special Agreement 1.2.																				

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
<b>INSTALLATION COSTS - COMMUNICATION CIRCUITS</b>																				
159-Semi-circular cable guard ("U" guard): installation	Communication	184	180	180	180	180	180	180	125	303		286					9	199	OK TO ACCEPT	
<b>160. Crossarms: (For installation or attachment to existing with service wire only):</b>																				
160-A Crossarms-single wood service	Communication	260	270	270	270	270	270	270	379	215		323					9	282	OK TO ACCEPT	
160-B Crossarms-Double wood service	Communication	268	270	270	270	270	270	270	379	215		398					9	290	OK TO ACCEPT	
160-C Crossarms-Composite Fiberglass Arm	Communication	256	270	270	270	270	270	270	379	215							8	277		
160-D Crossarms-Attach to existing arm no charge	Communication																			
<b>161. Guard arms: (For installation or attachment to existing with service wire only):</b>																				
161-A Guard arms-single wood service	Communication	254	270	270	270	270	270	270	379	215		323					9	282	OK TO ACCEPT	
161-B -Guard arms-Double wood service	Communication	336	360	360	360	360	360	360	379	215		398					9	350	OK TO ACCEPT	
161-C -Guard arms-Composite Fiberglass	Communication	249	270	270	270	270	270	270	379	215							8	277		
<b>163. Drive hook with wedge grip unit ("P" tie), either single drop or multiple drop wire, including conductor:</b>																				
163 - A Drive hook with one wedge grip unit	Communication	75	45	45	45	45	45	45	379	128							8	97		
163 - B Additional wedge grip units on same hook, each	Communication	75	45	45	45	45	45	45	379	128							8	97		
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
CF ARM	Communication	199	200	200	200	200	200	200		171							7	196		
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
CF ARM	Communication	185	200	200	200	200	200	200		171							7	196		
164 - C Cable arm(install or attach to existing)-Extension WOOD arm W/one cable	Communication	252	270	270	270	270	270	270	379	171							8	271		
CF ARM	Communication	185	200	200	200	200	200	200		171							7	196		
164 - D Cable arm(install or attach to existing)-Additional cable(on separate messenger) on same arm	Communication	252	270	270	270	270	270	270	379	171							8	271		
164 - E Cable arm(install or attach to existing)-Attach to existing cable arm-NO CHARGE																				
165 - Cable attached direct to interset pole, each	Communication	261	270	270	270	270	270	270	355	189							8	270		
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	110	68	68	68	68	68	68	355	189							8	119		
167 - A Messenger without cable - single arm	Communication	318	270	270	270	270	270	270	355	828							8	350		
167 - B Messenger without cable - Double arm	Communication	318	270	270	270	270	270	270	355	828							8	350		
167 - C Messenger without cable - Extension arm ("F" or Alley arm)	Communication	318	270	270	270	270	270	270	355	828							8	350		
167 - D Messenger without cable - Direct to pole	Communication	303	270	270	270	270	270	270	355	828							8	350		
167 -E Messenger without cable - additional messenger	Communication	318	270	270	270	270	270	270	355	828							8	350		
168 - Multiple distribution service wire attached to pole or arms	Communication	129	90	90	90	90	90	90	355	215							8	139		
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	109	90	90	90	90	90	90	297	145							8	123		
170 - Bonding to secondary neutral ground, per pole	Communication	152	180	180	180	180	180	180	72	145							8	162		

Item Number	Power or Communication or Both	2019-2020 PRICE	TCA	ATC	NXT	LAC	SPR	FON	H/T	FTR	LLW	B	M	V	BVE	E	Total # of Submitted Price	2021-2022 PRICE (Formula)	2021 MEETING NOTES	DATES
199-Installation of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under <b>Section 1.2.</b>																				
<b>Column/Element Definitions</b>																				
<p><b>Column 1: <u>Item number and definition.</u></b> Authorized Cost item number, and description.</p>																				
<p><b>Column 2: <u>Power/Communication/Both</u></b> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.</p>																				
<p><b>Column 3: <u>Direct Labor (loaded)</u></b> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.</p>																				
<p><b>Column 4: <u>Total Labor Hours</u></b> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.</p>																				
<p><b>Column 5: <u>Total Direct Labor</u></b> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.</p>																				
<p><b>Column 6: <u>Material Cost (FOB)</u></b> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.</p>																				
<p><b>Column 7: <u>Equipment Expense</u></b> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.</p>																				
<p><b>Column 8: <u>General and Administrative</u></b> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.</p>																				
<p><b>Column 9: <u>Total Cost</u></b> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.</p>																				
<p><b>*** 08/16/2016: Item 19 authorized cost calculation is determined by:</b></p>																				
<p>1. Labor required in preparation to relocate top portion of the old pole.</p>																				
<p>2. Relocation and support of the top portion of the old pole.</p>																				
<p>3. Include the cost associated with supporting cables and conductors.</p>																				

**Southern California Joint Pole Committee**

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**Authorized Costs ad hoc Committee  
did not meet in May 2021 & June 2021**

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
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**July 21, 2021**

The **ad hoc Authorized Cost Elements Committee** meeting took place on the above date, at 12:16 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Ms. Maria Ortiz	XO Communication
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Jeremy Harmon	Verizon Wireless
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Joe Serrato	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Ms. Yesenia Delgado	Time Warner Cable
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Mr. Barry Consulter	AT&T California
Ms. Tara Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Ben Coffey	City of Banning
Mr. Victor Cortez Jasso	City of Banning
Ms. Yvonne Johnson	AT&T Mobility
Mr. Jim Todaro	AT&T Mobility
Mr. Pedro Garganera	MCI Metro ATS/MCI Telecommunications
Mr. Richard Soriano	City of Banning
Mr. Renzo Garzon	Mobilitie, LLC
Ms. Lynne LaFrenais	Bear Valley Electric Services Inc.
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff

Mr. Van Stryk called the meeting to order at 12:16 p.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk opened the meeting by inquiring if there were any questions or concerns

regarding the April 2021's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder)** – Mr. Van Stryk stated it is a standing agenda and will be discussed later in September. Mr. Van Stryk then moved on to agenda item 3.

**Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices)**

- **Item 1777: Item Number Consolidation**

Mr. Van Stryk stated that there is a new item number, *Item 1777: Item Number Consolidation*, which was created in the Billing Process Simplification (BPS) meeting. He believed that Ms. Ortiz and Ms. Black brought the item. They asked to add this item to the Authorized Costs committee to consolidate item 82 as well as items 111B to 111H. Ms. Pranata commented that she made a typing error on the agenda; it should be 111H instead of 1111H. He then asked Ms. Ortiz or Ms. Black to elaborate. Both Ms. Ortiz and Ms. Black responded that they do not remember. Ms. Ortiz then commented that items 111B to 111H are item numbers for anchors. After reviewing last month's BPS committee meeting minutes, Ms. Ortiz commented that the item was created for the Authorized Costs committee to consolidate some items. For example, instead of 111B to 111H, it would just be one item, 111X. Ms. Black inquired if this item was created to help with the billing simplification and added that she does remember. She stated that this would help the billers.

Ms. Smith inquired if there would be no differentiation between a new anchor and an existing anchor. Ms. Smith then inquired if 111H is an existing anchor? Ms. Pranata responded that Mr. Brown suggested leaving 111A as is, but to consolidate item 111B to 111H and calculate the average cost of the B to H. Mr. Bacon stated that he understood. Ms. Black stated that since the last item number of the Authorized Costs is item 199, then item 111A could be the item 111, and then the consolidated items could be item 200. However, it would be weird to break the anchor costs apart.

Ms. Pranata commented that the committee has voted on 2021-2022 Authorized Costs. She then inquired if the committee is changing something, will the changes be effective January 1, 2021? She commented that it would be confusing for everyone if the new effective date is in the middle of the year. She suggested the effective date be 2023. Ms. Black commented that if the membership agreed, the effective date could be anything. She then suggested 2022 as the effective date. Ms. Ortiz agreed with Ms. Black that if the committee would like to revise the Authorized Costs and consolidate items, the effective date should be 2022. Ms. Pranata then inquired the group if they want to consolidate the items. The committee reviewed item 82, and Ms. Ortiz pointed out that there is not much difference between the prices. The lowest of item 82 is \$482, and the highest one is \$518. Mr. Carrion commented that a

few item numbers could use some consolidating, not just items 82 and 111. He then inquired if there will be enough time to review all of the item numbers that the committee would like to consolidate before January 2022? He then suggested giving the committee enough time to review all of the items before January 2023. He explained that the committee would be going through this exercise again, reviewing all Authorized Costs items in 2022 for the 2023 Authorized Costs. Ms. Pranata strongly suggested reviewing the items for the 2023 Authorized Costs. Historically, the authorized costs are published every two years, not every year. Mr. Carrion agreed with Ms. Pranata and commented that publishing it in 2023 will give the committee enough time to really look at the item numbers that the committee would like to consolidate. For example, there is a \$2 difference between item 78A and 78B, and we would want to make item 78 to be \$85. He reiterated that the committee should give themselves enough time to review all authorized costs to see which ones they can consolidate entirely.

Ms. Ortiz and Ms. Black agreed with Mr. Carrion. Mr. Carrion then stated that the committee is all in favor of consolidating some item numbers. Ms. Black commented that this item should stay in the Authorized Costs ad hoc committee, not the BPS committee. Mr. Carrion and Mr. Bacon agreed with Ms. Black. Mr. Van Stryk inquired if the members would like to start the discussion or leave it on for next month or the month after. He inquired when the committee would like to start discussing this item. Mr. Bacon suggested to begin the review next month. Ms. Mitwasi suggested assigning a certain number of items that the committee would want to review in advance and come prepared for the meeting to discuss those items. Mr. Van Stryk suggested reviewing Item 74 to 109 at the next meeting and reviewing which ones are close enough to consolidate. Ms. Ortiz agreed.

**Agenda Item 4 - Miscellaneous/ New Item numbers** – Mr. Van Stryk opened the floor to any miscellaneous items. There were none at the time.

**Agenda Item 5 - Review of Action Items:**

- Members to review item 74 to item 109 in advance and be prepared to discuss next month, to possibly consolidate some authorized costs.

The meeting adjourned at 12:28 p.m.

The next meeting is scheduled for August 18, 2021.

Angela Pranata – Committee Staff

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August 18, 2021

The **ad hoc Authorized Cost Elements Committee** meeting took place on the above date, at 1:33 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Maria Ortiz	XO Communication
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Joe Serrato	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Ms. Yesenia Delgado	Time Warner Cable
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Kay Black	AT&T California
Mr. Barry Consulter	AT&T California
Ms. Tara Andrews	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Victor Cortez Jasso	City of Banning
Ms. Yvonne Johnson	AT&T Mobility
Mr. Richard Soriano	City of Banning
Mr. Renzo Garzon	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff

Mr. Van Stryk called the meeting to order at 1:33 p.m.

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

**Agenda Items 2 - Review of Pole Prices (Yearly – Standing Agenda/Placeholder)** – Mr. Van Stryk stated it is a standing agenda and will be discussed later in September 2021. Mr. Van Stryk then moved on to agenda item 3.

### **Agenda Item 3 – Review of Authorized Costs Matrix (for 2021-2022 prices)**

- **Item 1777: Item Number Consolidation (for 2023-2024 AC).**

Mr. Van Stryk stated that the members were supposed to review item 74 to item 109 in advance. He then asked if anyone would like to consolidate any items or share their ideas. Ms. Black commented that AT&T California is not ready. Ms. Mitwasi commented that Edison is proposing to consolidate the following items: 82 (B, C, & D), 84, 85 (B, C, & D), 89 (A & B). Additionally, Ms. Mitwasi proposed to average out items 91 (cable splicing) & 94. Mr. Van Stryk inquired if item 91 is copper because the other one is fiber. Ms. Mitwasi responded that she is unsure. Ms. Black commented that item 91 is probably copper, and 94 is fiber. She commented that AT&T California might not want items 91 & 94 to be combined. Ms. Mitwasi commented the reason was that the items are rarely being used, and the commonly used item is item 91 (L), which is 1200 pairs. Mr. Carrion stated that he is unsure about consolidating item 91 into one price, or item 94 into one price. He proposed to consolidate into three items instead of one. Mr. Van Stryk commented that it would good to consolidate item 78 (A & B). Ms. Black would have to verify with her team, however, she proposed consolidating item 75 – so it would be crossarms, single or double. Mr. Carrion clarified that this exercise is only to combine or consolidate sub-items that have prices that are so close together. For example, there is two dollars difference between items 78 A & B.

Ms. Ortiz stated item 81 could be consolidated. Ms. Pranata reminded the committee that the consolidation exercise is for 2023-2024 Authorized Costs, and the committee is not revising the current published authorized costs. Ms. Ortiz and Ms. Kay commented that they understood. Ms. Kay asked if Ms. Pranata could send them the template for the 2023-2024 Authorized Costs. Ms. Pranata commented yes, and the committee needs to discuss the new item title for the consolidated items. Ms. Black and Mr. Van Stryk agreed that it should be the committee's homework to look at the prices and come up with how the title would be worded. Mr. Van Stryk inquired if the members would like to table this item for next month. The members agreed to continue next month.

**Agenda Item 4 - Miscellaneous/ New Item numbers** – Mr. Van Stryk opened the floor to any miscellaneous items. There were none at the time.

### **Agenda Item 5 - Review of Action Items:**

- Members to review item 74 to item 109, propose items consolidation, and come up with new names/titles on the items members would like to consolidate.

The meeting adjourned at 1:45 p.m.

The next meeting is scheduled for September 15, 2021.

Angela Pranata – Committee Staff

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**

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**September 15, 2021**

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 1:43 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Ms. April Debarge	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Ms. Yesenia Delgado	Time Warner Cable
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Ms. Tara D. Andrews	AT&T California
Mr. Barry Consulter	AT&T California
Ms. Maria Ortiz	XO Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Richard Soriano	City of Banning
Mr. Victor Jasso	City of Banning
Mr. Ben Coffey	City of Banning
Mr. Jim Todaro	AT&T Mobility
Ms. Yvonne Johnson	AT&T Mobility
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Mr. Van Stryk called the meeting to order at 1:43 p.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk opened the meeting by inquiring if there were any questions or concerns regarding the August 2021 month's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder)** – Mr. Van Stryk asked Ms. Pranata if she would like him to review the Definition of Pole Price Elements as well as the Pole Price Matrix excel sheet with the committee or is this something the committee does on their own. Ms. Pranata explained either method would be fine. She then explained there have not been any changes made to the Definition of Pole Price Elements, but she needs verification and confirmation from the committee before she can send the Definition of Pole Price Elements and the Pole Price Matrix out to all members. Mr. Van Stryk then asked if she would need a vote to approve these documents and Ms. Pranata explained she did not need a vote, but more of a consensus from the committee that everything looks good before she could proceed. Mr. Van Stryk then stated if no one objects to Ms. Pranata sending the documents out as is then it should be fine for her to do so. There were no objections from any of the committee members in attendance. Mr. Van Stryk then stated being a year into Covid he's interested to see if it has affected member prices. He's also interested to see if members are also looking at the switch from Penta to HPA on their wood poles. Mr. Van Stryk then advised the committee to review the documents, fill them out, and get them to Ms. Pranata before 2022. Ms. Pranata then asked Mr. Van Stryk if it she was clear to send the Definition of Pole Price Elements and Pole Price Matrix out to all members. She then asked for clarification on whether or not the committee actually reviewed the documents. Mr. Van Stryk clarified there were no changes made since the committee reviewed these documents last year. Ms. Pranata confirmed there were no changes. Mr. Van Stryk then asked if it was approved last year and Ms. Pranata informed him it was approved last year, but the committee must review these documents every year. Ms. Black then stated she remembers the committee voted from 2021 to 2022. Ms. Pranata clarified that was for Authorized Costs which is every two years and Pole Prices are done every year. Mr. Van Stryk then informed Ms. Pranata he felt the documents were fine as is and should be sent out to all members, Mr. Bacon agreed. Ms. Pranata informed to committee she would be sending the Definition of Pole Price Elements and Pole Price Matrix out to all members with the usual deadline of October 31<sup>st</sup>. She informed the committee this deadline is usually extended out at the request of the committee. Mr. Van Stryk added the committee will try and get this done in time this year and members should fill the sheets out and any questions can be answered at the next Authorized Cost ad hoc. Mr. Van Stryk then stated members should have in by the October 31<sup>st</sup> deadline.

**Agenda Item 3 – Review of Authorized Costs** – Mr. Van Stryk stated the committee was supposed to be reviewing items 74 through 109 for discussion, but he would like the committee to start with Item 15 title revision (AT&T CA K.Black)- The committee then reviewed Ms. Black's proposed verbiage for item 15. Ms. Black stated she would like to add some clarification to this item to show it is a maintenance only item. The item currently reads as - Item 15 Pole

Marketing- (a) Tagging, (b) Visibility Strips. Ms. Black is proposing changing it to read Item 15 Pole Marking – Maintenance items only – (a) Re-Tagging, (b) Replacing Visibility Strips. Mr. Van Stryk inquired if the members don't really use these costs for replacement or setting poles because it's already included in the cost of the pole. Ms. Black stated Ms. Allen recently shared a JPA with the committee that showed a member charging items 15A and 15B on a pole replacement under the new pole and that is what started the discussion on whether this is strictly a maintenance item. Ms. Black stated since she saw one member using these costs on JPAs incorrectly she wants to add in the red verbiage to the item to make it ultra-clear these items are maintenance used items only. Mr. Van Stryk agreed the new verbiage made sense. He then asked the committee if this is something they would change on the existing Authorized Costs by putting a revision out on the 2021-2022 version or would they make the change on the 2023-2024 Authorized Costs. Ms. Black stated she would like to have it clarified and changed the day of the vote. Ms. Allen then asked Ms. Black if the committee staff should be rejecting JPAs that come in with a charge for items 15A and 15B on replacement poles. Currently the staff is billing as is. There is one member that is submitting JPAs with items 15A and 15B on almost all their pole replacements. Ms. Allen stated if Ms. Black does want these rejected moving forward, she will do so and she will also notify the member submitting the JPAs with these charges so they can review the minutes from this meeting for clarification. Mr. Van Stryk asked if these JPAs are approved or are they 18.1D. Ms. Allen informed him she would investigate it and report back next month. Ms. Black feels the committee staff should reject these JPAs and send them back to the member that is using these items incorrectly. Mr. Van Stryk then asked if this was something that would require a JPA alert, or should the committee just contact the member that's charging these items and inform them of the issue. Ms. Black stated she has already had a discussion with the member in question and they are still submitting the JPAs with items 15A and 15B. Mr. Bacon then asked if the committee if they categorize it as maintenance, whoever is out there either has to retag or they have to replace the visibility strips. If this is a maintenance issue, the company that is replacing it is still bearing the cost of the maintenance are they not. Ms. Black answered no and explained these items are already built into the pole replacement cost. Mr. Bacon agreed. Ms. Black then stated they would be double charging if they included these items on a pole replacement. Mr. Bacon then asked if they are out in the field and there's a pole that had the visibility strips ripped off and they have to replace them is this something they can charge for. Ms. Black stated that in that scenario it is perfectly acceptable to charge for the maintenance, but it is not acceptable on pole replacements. Mr. Van Stryk then asked the committee if they had no objections, he would like to move this issue to the Admin Board for a vote to add this verbiage to the existing Authorized Costs. He then asked for confirmation from the committee that this would need to be voted on before it can be changed. The committee confirmed that is the correct way to go about changing the verbiage. Ms. Black agreed this item should go to discussion for a vote at the Admin Board Meeting. Ms. Allen then asked for clarification as to what the staff

should do with these JPAs in the meantime. She informed the committee these items are also being charged on JPAs with Section 9 which is to interset as well as replacement poles. Ms. Allen also informed the committee that some of these JPAs have approval. Mr. Van Stryk feels they should be billed if they have approval, but that is up to the committee to decide. Mr. Bacon then asked if the rule will be grandfathered, or will it start from the date that it's approved. He asked for thoughts. Ms. Black informed the committee she would talk to her team about signing off on these JPAs. She then informed the committee she would like the JPAs returned if there is an 18.1D listed. Mr. Treepaisan stated that Frontier agreed with the fact that items 15A and 15B should not be charged on new poles since it is already built into to cost. Mr. Carrion and Mr. Bacon agreed. Mr. Bacon reiterated the committee will move forward with the new verbiage and make it clear that from this day forward that if it is an 18.1D AT&T California has made their stance they prefer to have the items removed. Ms. Black agreed and stated no double charging. Ms. Allen then clarified if the JPA lists replacement, or a Section 9 and it is 18.1D the staff is to return it if items 15A and 15B are listed. Ms. Black added Section 3.1 as well and confirmed they should all be returned if items 15A and 15B are listed. Mr. Van Stryk then asked Ms. Pranata if the committee would need to assign an item number to the item 15 title revision in order to add it to discussion for the Admin Board. Ms. Pranata informed Mr. Van Stryk that would not be necessary and can be brought up under discussion.

Mr. Van Stryk then moved on to **Item 1777: Item Number Consolidation (for 2023-2024 AC)** – Mr. Van Stryk asked the committee if anyone other than Ms. Black had a chance to review items 74 through 109. Ms. Black stated she did her best, but she does have questions. She then explained what she did and noted that she did not get a chance to work internally with AT&T California and the gentleman responsible for pricing these items numbers. She then explained what she did with item 75 Crossarms/Guardarms – transferring, raising, or lowering, per arm: item 75A- Single is priced at \$306 and 75B – Double is priced at \$323. She took these two items and divided them by two to get the cost of \$315. She then explained this would only work on items that are close in price and members could combine comfortably. She then informed the committee that she is not a technician so she doesn't know what some of these things are so she is counting on the committee to review her AC document with notes on items she feels can be combined and let her know if they can or should be combined. She then asked the committee if they understood what she was trying to do. Mr. Van Stryk answered yes, he understood and essentially the committee is looking into whether this is feasible or if it will have a negative impact. Ms. Crawford then informed the committee she was on another call and asked if the committee was discussing combining power and communication costs. Mr. Van Stryk answered no then explained the committee is looking into combining certain Authorized Costs to simplify the billing process. Currently if a JPA shows item 75 the JPA would be returned requesting an A or B for billing proposes. Ms. Crawford informed Ms. Black they should take this to their contract admin team for their input. Mr. Van Stryk informed the committee he investigated some of

the Authorized Costs Matrix's that he has from years past and he noticed the reason some of the pricing is so close for multiple members is because they use the same contractors. He then gave an example on item 75 which shows five members using the same cost for 75A and 75B which explains why the pricing is so close. He feels if it's the same cost to do the work on both 75A and 75B then maybe it should be averaged. Ms. Crawford informed the committee that AT&T California would be referring to their contract oversight team for the AT&T California decision before they can take a position on this call. Mr. Van Stryk offered to send out another Authorized Costs Matrix so Ms. Crawford's team can figure out which items are the same cost for them and maybe simplify it that way. Ms. Crawford then explained the description for the items would have to be combined, it wouldn't be picking one and choosing which one to use. The description of the article would have to be modified to include both descriptions. Mr. Van Stryk then asked Ms. Pranata if could send out a blank copy of the Authorized Costs Matrix to make it easier for members to review instead of adding notes to the Adobe version. Ms. Pranata informed Mr. Van Stryk that she believes she already sent that out, but she can resend it. Ms. Pranata then asked Mr. Van Stryk if he wanted a blank copy or a copy with the published numbers. Ms. Crawford asked Ms. Pranata if she could please send a copy with the numbers on it. Ms. Pranata explained she had sent a copy with numbers to Ms. Black. Mr. Van Stryk then informed Ms. Pranata that the Matrix she previously sent was perfect, he must have somehow missed the original email. Ms. Black then stated she found working off the PDF was easier and will send to Ms. Crawford. Ms. Black then explained she believes what Ms. Crawford is asking for is a copy of the Matrix with the costs combined on the items that we're looking to combine so that it reads correctly. Ms. Crawford explained that is not what she wants, she needs a copy of the existing Matrix as is so she can get the description of each item so she can compare it to the information in AT&T California's contracting portal. Ms. Black explained to Ms. Crawford that this discussion is new to the Authorized Costs committee, so they have not had much time to review or make any suggestions to combine anything. The committee is currently at the very beginning of discussion on this matter. Ms. Pranata then shared a copy of the Matrix she sent out to the committee, she explained she only included items 74 through 109 as well as a couple new columns titled *Combine/Consolidate* and *New Item Title (Item Name)* which for example if the committee were to combine items 75A and 75B what would be the proposed new item title? She also included the 2021-2022 published prices on the Excel file. She then explained to the members if they right click on the *Published Price* column and unhide columns they will be able to see all member prices submitted. Mr. Van Stryk then informed the committee there is another worksheet if the click on the three dots on the bottom left of the screen it will take them to a sheet/tab that shows all prices submitted. Mr. Van Stryk then asked the committee if they would like to revisit this item next month once they've had a chance to review everything. Mr. Treepaisan then apologized for not being prepared and assured Mr. Van Stryk he would have his notes ready for the next meeting. Mr. Van Stryk stated this item will remain open.

**Agenda Item 4 - Miscellaneous/ New Item numbers** – Mr. Van Stryk opened the floor to any miscellaneous items. There were none at the time.

**Agenda Item 5 - Review of Action Items:**

- Committee to review the Authorized Cost Matrix, items 74 to 109, that Ms. Pranata sent out to all members on September 1<sup>st</sup>, 2021, and report back next month.
- Committee to move title revision of Item 15 to discussion for Administrative Board.

The meeting adjourned at 2:10 p.m.

The next meeting is scheduled for October 20, 2021.

Jenny Silva – Committee Staff

## **2022 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)

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:  
October 31, 2021

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

\*\*\*\* Weighted Average

Individual Costs

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

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

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

(\*\*\*\*) 9/8/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Composite Fiberglass (CF) Pole Set/ Replacement**

Please submit to SCJPC by:  
 October 31, 2021

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

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

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

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

(\*) Cost Included in Column #2  
 (\*\*) Cost Included in Column #6  
 (\*\*\*) Cost Included in Column #10  
 (\*\*\*\*) 9/8/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Composite Fiberglass Multi Pieces (CM) Pole Set/ Replacement**

Please submit to SCJPC by:  
 October 31, 2021

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

\*\*\*\*\*

Weighted Average

Individual Costs

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

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

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

(\*\*\*\*\*) 9/8/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Lightweight Steel Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2021**

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

\*\*\*\*\*

Weighted Average

Individual Costs

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

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

- (\*) Cost Included in Column #2
- (\*\*) Cost Included in Column #6
- (\*\*\*) Cost Included in Column #10
- (\*\*\*\*) 9/8/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Concrete Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2021**

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

\*\*\*\*\*

Weighted Average

Individual Costs

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

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

(\*) Cost Included in Column #2

(\*\*) Cost Included in Column #6

(\*\*\*) Cost Included in Column #10

(\*\*\*\*) 9/8/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Ductile Iron Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2021**

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

\*\*\*\*\*

Weighted Average

Individual Costs

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

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

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

(\*\*\*\*) 9/8/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

AC document for maintenance item 15 verbiage changes

**15. Pole Marking – Maintenance items only**

- (a) **Re-Tagging**.....
- (b) **Replacing** Visibility Strips .....

**TRANSFER COSTS  
COMMUNICATION CIRCUITS**

**ITEM**

<b>74. Semi-circular cable guard (“U” guard): transferring.....</b>	<b>245</b>
<b>75. Crossarms/Guardarms - transferring, raising, or lowering, per arm:</b>	
(a) Single.....	306
(b) Double.....	323
<b>78. Drive hook with wedge grip unit (“P” tie), either single drop wire or multiple drop wire including conductor:</b>	
(a) Transferring, raising, or lowering drive hook with one wedge grip unit.....	86
(b) Transferring, raising, or lowering additional wedge grip units on same hook, each.....	84
<b>79. Multiple distribution service wire on line pole.....</b>	<b>139</b>
<b>81. “C” rural wire (1 pair):</b>	
(a) “C” rural wire in line pole, each pair.....	122
(b) “C” rural wire on dead-end pole, each pair.....	128
<b>82. Cable arm with one cable - transferring, raising, or lowering:</b>	
(a) Single wood arm.....	482
(b) Double wood arm.....	518
(c) Extension arm (“F” or Alley arm).....	500
(d) Additional cable (on separate messenger) on same arm.....	511
<b>NOTE:</b> The above prices do not include cable terminals.	
<b>83. (a) Cable attached direct to pole – Complete .....</b>	<b>280</b>
(b) Cable attached (additional work required).....	248
<b>84. Messenger reinforcing units:</b>	
(a) Reinforcing strap, each.....	263
(b) Reinforcing link, each.....	263
<b>85. Messenger without cable - transferring, raising, or lowering: (See Item 82 for transfer of arms)</b>	
(a) Single wood arm.....	320
(b) Double wood arm.....	380
(c) Extension arm (“F” or Alley arm).....	360
(d) Direct to pole.....	348

## AUTHORIZED COSTS

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

### ITEM

<b>86. Messenger dead end, all sizes, with or without cable.....</b>	<b>326</b>
<b>87. Cable terminal transfer: (pole to pole, no splicing)</b>	
(a) Distribution cable terminal (25x - 50x).....	281
(b) Feeder distribution interface.....	418
(c) Pole seat or balcony.....	341
<b>88. Multiple distribution wire terminal transfer.....</b>	<b>259</b>
<b>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) :</b>	
(a) All types of terminals except Ready Access-25 Pair or less.....	336
(b) Ready Access-24 Pair or less.....	336
(c) Ready Access-24 Pair to 50 Pair.....	620
<b>NOTE</b> -When necessary to use multiple distribution stub, add the following to cost above;	
(d) Multiple distribution stub for Ready Access type.....	576

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

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

(a) 18 pair.....	@ 17.17 per pair.....	309
(b) 25 pair.....	@ 12.48 per pair.....	312
(c) 50 pair.....	@ 7.42 per pair.....	371
(d) 100 pair.....	@ 5.33 per pair.....	533
(e) 200 Pair.....	@ 4.09 per pair.....	817
(f) 300 pair.....	@ 3.79 per pair.....	1138
(g) 400 pair.....	@ 3.31 per pair.....	1324
(h) 600 pair.....	@ 3.20 per pair.....	1917
(i) 700 pair.....	@ 3.17 per pair.....	2219
(j) 800 pair.....	@ 3.17 per pair.....	2538
(k) 900 pair.....	@ 3.13 per pair.....	2818
(l) 1200 pair.....	@ 3.16 per pair.....	3787

\*\*\*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.

<b>92. Cable risers, including pipe and molding, each:.....</b>	<b>358</b>
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### 93. Underground and terminal facilities:

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

### 94. Fiber Optic Splicing/Testing:

(a) FUSION	
(1) 24 strand.....	1535
(2) 48 strand.....	2484
(3) 60 strand.....	3159
(4) 72 strand.....	3641
(5) 96 strand.....	4750
(6) 144 strand.....	6606
(7) 288 strand.....	12487
(8) Any size above and beyond by special agreement Section 1.2	

**AUTHORIZED COSTS**

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

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**ITEM**

96. Intentionally left blank

97. Transfer meter circuit breaker box/disconnect box..... 696

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.

		PUBLISHED		
Item Number	Power or Communication or Both	2021-2022 PRICE (Formula)	COMBINE/CONSOLIDATE?	NEW ITEM TITLE (ITEM NAME)
<b>POLE MAINTENANCE AND MISCELLANEOUS -----</b>				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS -----</b>				
74-Semi-circular cable guard ("U" guard): transferring	Communication	245		
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	306		
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	323		
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	86		
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	84		
79-Multiple Distribution Service Wire on line pole	Communication	139		
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	122		
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	128		
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	482		
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	518		
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	500		
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	511		
NOTE: The above prices do not include cable terminals.				
83-A Cable attached direct to pole (complete)	Communication	280		
83-B Cable attached (additional work required) (new item)	Communication	248		
84-A Messenger reinforcing units-Strap each	Communication	263		
84-B Messenger reinforcing units-Link each	Communication	263		
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	320		
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	380		
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	360		
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	348		
86-Messenger dead end, all sizes-with or without cable	Communication	326		
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	281		
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	418		
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	341		
88-Multiple Distribution Wire terminal Transfer	Communication	259		
<b>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):</b>				
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	336		
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	336		
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	620		

**SCJPC Authorized Cost Matrix Worksheet**  
Effective January 2021

Item Number	Power or Communication or Both	2021-2022 PRICE (Formula)	COMBINE/CONSOLIDATE?	NEW ITEM TITLE (ITEM NAME)
NOTE-When necessary to use multiple distribution stub, add the following to cost above;				
<b>89-D</b> Cable terminal replacement- Multiple Distribution Stub for Ready Access type	<b>Communication</b>	<b>576</b>		
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.				
<b>91-A</b> Cable Splicing/per splice/per pair=18 pr	<b>Communication</b>	<b>309</b>		
<b>91-B</b> Cable Splicing/per splice/per pair=25 pr	<b>Communication</b>	<b>312</b>		
<b>91-C</b> Cable Splicing/per splice/per pair=50 pr	<b>Communication</b>	<b>371</b>		
<b>91-D</b> Cable Splicing/per splice/per pair=100 pr	<b>Communication</b>	<b>533</b>		
<b>91-E</b> Cable Splicing/per splice/per pair=200 pr	<b>Communication</b>	<b>817</b>		
<b>91-F</b> Cable Splicing/per splice/per pair=300 pr	<b>Communication</b>	<b>1138</b>		
<b>91-G</b> Cable Splicing/per splice/per pair=400 pr	<b>Communication</b>	<b>1324</b>		
<b>91-H</b> Cable Splicing/per splice/per pair=600 pr	<b>Communication</b>	<b>1917</b>		
<b>91-I</b> Cable Splicing/per splice/per pair=700 pr	<b>Communication</b>	<b>2219</b>		
<b>91-J</b> Cable Splicing/per splice/per pair=800 pr	<b>Communication</b>	<b>2538</b>		
<b>91-K</b> Cable Splicing/per splice/per pair=900 pr	<b>Communication</b>	<b>2818</b>		
<b>91-L</b> Cable Splicing/per splice/per pair=1200 pr	<b>Communication</b>	<b>3787</b>		
<b>Note:</b> Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. <b>NOTE:</b> 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.				
<b>92 -</b> Cable risers, including pipe and molding each	<b>Communication</b>	<b>358</b>		
<b>93 -</b> 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)				
<b>94-A-1</b> Fiber Optic Splicing/testing Fusion-24 strand	<b>Communication</b>	<b>1535</b>		
<b>94-A-2</b> Fiber Optic Splicing/testing Fusion-48 strand	<b>Communication</b>	<b>2484</b>		
<b>94-A-3</b> Fiber Optic Splicing/testing Fusion-60 strand	<b>Communication</b>	<b>3159</b>		
<b>94-A-4</b> Fiber Optic Splicing/testing Fusion-72 strand	<b>Communication</b>	<b>3641</b>		
<b>94-A-5</b> Fiber Optic Splicing/testing Fusion-96 strand	<b>Communication</b>	<b>4750</b>		
<b>94-A-6</b> Fiber Optic Splicing/testing Fusion-144 strand	<b>Communication</b>	<b>6606</b>		
<b>94-A-7</b> Fiber Optic Splicing/testing Fusion-288 strand	<b>Communication</b>	<b>12487</b>		
<b>94-A-8</b> Any size above and beyond by special agreement Section 1.2				
<b>97-</b> Transfer meter curcuit breaker box/disconnect box	<b>Communication</b>	<b>696</b>		
<b>109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed:</b> 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

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October 20, 2021

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:31 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Ms. Valerie Mitwasi	Southern California Edison
Ms. Camile Bowie	Southern California Edison
Ms. Alicia Walsh	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Ms. Yesenia Delgado	Time Warner Cable
Ms. Kay Black	AT&T California
Ms. Cory Crawford	AT&T California
Ms. Tara D. Andrews	AT&T California
Ms. Maria Ortiz	XO Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Lex Treepaisan	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Mr. Marc Buan	Crown Castle NG West Inc.
Ms. Yvonne Johnson	AT&T Mobility
Mr. Alex Parra	City of Riverside
Mr. Jeremy Harmon	Verizon Wireless
Mr. Richard Soriano	City of Banning
Mr. Barry Consulter	AT&T California
Ms. Lynn LaFrenais	Bear Valley Electric Service, Inc.
Ms. Dawn Laffoon	Mobilitie, LLC
Mr. Ben Coffee	City of Banning
Mr. Jim Todaro	AT&T Mobility
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Mr. Van Stryk called the meeting to order at 12:31 p.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk opened the meeting by inquiring if there were any questions or concerns regarding the September 2021 month's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder)** – Mr. Van Stryk reiterated the due date for Pole Prices is October 31<sup>st</sup>, 2021. He then informed the committee this was also mentioned in the Administrative Board Meeting. Ms. Pranata then asked Mr. Van Stryk if the committee would like to add verbiage stating the pole prices include visibility strip as well as pole tagging costs to the Definitions of Pole Price Elements because as of now it does not specifically state this information. Mr. Van Stryk then asked Ms. Pranata if she could share the Definitions of Pole Prices Elements with the committee for review. Mr. Bacon then explained the power companies do most pole replacements and visibility strips are always used for liability reasons. The current standard for visibility strips is three feet, four feet and five feet. Mr. Bacon then explained this cost is built into their overall price to set a pole. Mr. Bacon then stated the committee should make note of this in the Definitions of Pole Prices Elements. Mr. Van Stryk then asked if they should list it under equipment expense of general cost. Mr. Van Stryk then stated he is not sure of the individual costs of these items, but he believes the labor cost of placing visibility strips on the poles is what drives the authorized costs. Ms. Black stated she orders the visibility strips for AT&T California and the cost is nominal, but every member would speak to their own. Mr. Treepaisan asked if this would fall under Material Cost, because it currently states, “The AVERAGE material expense”. Mr. Van Stryk explained he believes that would be correct. Ms. Pranata explained that number six of the Definition of Pole Prices Elements - Material Cost is for the actual wood pole cost. She then read off the definition for this item which states; The AVERAGE material expense (in US dollars including sales tax and transportation costs from supplier) of a pole delivered to first destination point (usually a purchaser's construction yard). Mr. Bacon explained he is more comfortable with number seven which is Supply Expense because that is what this is. It's stock, its supply, or general Admin to show under which pricing elements those costs are already included. Mr. Van Stryk feels that for the most members it wouldn't change the way members structure their pricing, but he feels the verbiage should be added to avoid confusion. Mr. Bacon feels that if a member sets a pole, they have the obligation to place visibility strips if it's in traffic. He also feels it should be a shared cost if they must be replaced. Mr. Van Stryk and Mr. Bacon then asked the committee to choose a definition to list the verbiage for the visibility strips. Ms. Pranata then explained she wouldn't know which one to choose since all she does is copy and paste the information given to her by the members. Mr. Van Stryk then asked Ms. Pranata if it would be easier to add the cost to number six- Material Cost or number seven – Supply Expense. Ms. Pranata explained it should be under Supply Expense because Material Cost is used to determine salvage costs so it cannot be listed there. After some discussion the committee decided to add the

verbiage to number eleven – Total Cost. Mr. Stryk and Mr. Bacon then asked Ms. Pranata to add the verbiage “Total cost also includes installation of visibility strips”. Ms. Pranata then informed the committee members this could not be added to Total Cost because this column is a formula. Mr. Bacon then clarified the formula would not change. This is just a footnote stating the Total Cost includes installation of visibility strips. Ms. Crawford agreed this was just a footnote defining what Total Cost is. Ms. Pranata informed the committee she had already sent out the final version along with the Pole Price Matrix so she will resend out this final version to all members. Mr. Bacon then asked Ms. Pranata to pull up pole tags. Mr. Van Stryk then asked Ms. Pranata to add pole tags to the verbiage. Ms. Pranata added pole tags so that it now reads “Total cost also includes installation of pole tags and visibility strips”. Ms. Pranata then informed to committee she would resend this document to all members. Mr. Van Stryk informed Ms. Pranata to contact him if anyone emails her with questions or concerns. This is only a note and not a change to the pricing formula.

**Agenda Item 3 – Review of Authorized Costs** – Mr. Van Stryk moved onto item **1777: Item Number Consolidation of some authorized costs-** Mr. Van Stryk asked Ms. Pranata if the committee was supposed to send this into Ms. Pranata filled in or were they supposed to review it in the meeting. Ms. Pranata explained it could be either. If the members send it to Ms. Pranata before the meetings, then she can have it ready for meeting day. Mr. Bacon then recommended the committee should tackle five or ten items at a time or whatever time allows. Mr. Bacon then stated he does not feel anyone would be on the same page for reviewing these and then reporting back so the best course of action would be for the committee to start going through these items one at a time. Mr. Treepaisan agreed this would be the best approach. Mr. Van Stryk started with Item 75; he asked the committee if they would like to combine the costs for items 75A and 75B. Mr. Bacon went on to explain a guard arm must be installed when a power company does not have six feet of safety clearance. Mr. Bacon then asked if the committee is reviewing the prices on these. Mr. Van Stryk informed Mr. Bacon that they were in fact reviewing pricing to determine if the committee would like to combine the costs for a single arm and a double arm to simplify Authorized Costs. Mr. Bacon then explained the difference in labor between a single and double. A single would require someone to go out and drill a 5/8-hole. One side has a bolt and a washer, the other side has a curved washer to hug the pole for the single. The double would also have to have a brace or bracket to hold the two together. It’s double the material and double the work so combining them may not be a good idea since there’s a difference in labor hours on these. Mr. Carrion then pointed out that although it may be double the labor it clearly is not double in price since there is only a seventeen-dollar difference. Mr. Carrion feels these should be combined. He then stated the item may have to be looked at again all together since it does not reflect double the labor. Mr. Bacon then explained the way they determine the difference is they are stabbing the cross arm to another cross arm on the back so the difference in pricing is for that additional cross arm. Mr. Bacon then asked if the committee would be satisfied

with a happy middle between the two costs. Mr. Treepaisan stated that objectively that is what the committee is trying to figure out. Ms. Crawford stated the intent of this whole effort was to revisit and create some billing simplifications for the staff, so they won't have to send back a JPA that has the wrong sub item number listed when there is only a couple dollars difference between the two. Mr. Van Stryk then pointed out there is only a two-dollar difference between item 78A and 78B. He then went on to explain that a lot of members put down the same cost for both items and that is probably because they use the same contractors. There was one member that put a different price for the two items and that's where the two-dollar difference comes in. So, it seems like the work is almost identical for the most part. Mr. Treepaisan agrees that if the cost difference is within two to three percent and the averaging of that cost will save time and increase productivity then the committee should tackle it that way. Mr. Treepaisan then reiterated for Items 75A and 75B the cost difference is somewhere between two and three percent, the committee should average it out to simplify billing. If there are other items that require more labor this may not work, but if the committee can agree on a hard figure like perhaps two and half percent difference in cost would automatically qualify the item for averaging/combining. Mr. Bacon then stated that would end all disputes. For instance, if a contractor charged for a double, but when he went out to the field, it only required a single arm. It wouldn't matter if it were a single or a double since the cost would be the same so this would simplify things. Mr. Bacon feels it would be best to combine the costs and eliminate confusion across the board, even on the processing side of things. Mr. Bacon then asked what they felt an equitable price would be. He then suggested the cost for item 75B which is 323. Mr. Van Stryk then explained the committee would not be changing the current authorized costs they would be changing the authorized costs matrix that will be sent out next year. So, next year instead of seeing 75A and 75B there will only be item 75. The verbiage would change so that it no longer says single or double. It would say Crossarms/Guardarms- transferring, raising, or lowering. Mr. Treepaisan then clarified this would put the onus on the utility company providing the cost figure in the matrix, then maybe taking an average of the frequency of single or double and seeing what the cost difference is and working that into the average they submit. Mr. Bacon then informed Mr. Treepaisan this had his name written all over it. Mr. Treepaisan informed the committee he was willing to work on coming up with an algorithm for items that have close costs so they can combine them. He then asked Mr. Van Stryk if they were on the same page as far as utilities coming up with their own combined costs and incorporating that. Mr. Treepaisan reiterated if this is the directions the committee is going in, he's on board, especially if it makes it easier for the office in increasing productivity. Mr. Van Stryk agreed this would help simplify things and it would also save the committee from having to edit the existing costs the way it's written and amend it. This way the committee would all be informed of the changes when they get the next matrix. Mr. Van Stryk then asked the committee if they still wanted to look at the file or did they want to go a different route. Mr. Carrion then asked if the decision now was to decide if item 75 is one,

they can consolidate. If so, he feels they should continue moving forward with the file review and he votes yes to consolidating item 75 for the future pole price matrix. He then stated the committee will have historical reference if at some point prices tend to spread out a bit more, the committee can then bring back the sub item numbers. Mr. Treepaisan then asked if the committee would like to tackle this file by going through the numbers and calling it. For example, for item 75 they would make a note that they agreed to consolidate A and B so now it will be one line item for item 75 without the A and B delineation. Mr. Van Stryk agreed this would be the best way to review the file. Mr. Van Stryk then asked the committee if they wanted to do each item by vote or just a sense. Ms. Pranata then asked what the new title for item 75 would be. Mr. Van Stryk informed her it would stay the same, but without the words single or double. Mr. Bacon then suggested adding a sub note stating single or double so there is no confusion in the future. Ms. Pranata then added the words single/double in parenthesis to the end of the new title. Mr. Bacon and the committee agreed to the new title. Mr. Harmon then asked if it would be a good idea to clean up the verbiage as they review the authorized costs. He feels they should eliminate the word cross arm from the title because the reality is Item 82 is a cable arm with a cable and he feels this should cover the cross arm. Cross arms, especially with communications applications cannot be guard arms with the wires attached so cross arms should be in the cable arm, be it extension or full, be it single or double, a cross arm can never be a guard arm because that has a wire attached to it. So, maybe the committee should just eliminate the first cross arm and just leave it guard arms. Mr. Treepaisan, Mr. Bacon and Mr. Van Stryk all agreed it would be best to remove cross arm and leave guard arm. The committee decided the new title for item 75 will be "Guardarms – transferring, raising, or lowering, per arm (single/double)." The committee then moved onto item 78- Drive hook with wedge grip unit ("P" tie), either single drop wire or multiple drop wire including conductor: Mr. Van Stryk explained multiple members submitted the same cost for 78A and 78B, so it doesn't look like the cost has changed between the two actions. Mr. Van Stryk then asked the committee what they would like to call this item. Mr. Bacon explained the Drive hook with a wedge is mostly used for communications services. They used to have all kinds of different names for it. It's a lag hook that goes in and the services attach to the phone service on a little wire, and that's the wedge grip. That's the field application for anyone who is not aware of what a wedge grip is. Mr. Bacon is not sure why there is only a two-dollar difference, but this is an item that can be changed/combined. Mr. Van Stryk then suggested changing the Item title to Drive hook with wedge grip ("P" tie), and then add per wedge grip somehow. Mr. Van Stryk then asked if the descriptions under the title were for additional wedge grips. Mr. Bacon answered yes then explained, basically they're paying for the installation of the setup, which is the hook and one wedge grip. Anything after that they're paying an addition two dollars. He then asked how one would differentiate attaching a wedge grip per service. Basically, you're paying for the labor of the individual climbing out there, taking his hammer driving that hook into the wood and then attaching phone services to it. So, there should be one base pay. Mr. Van Stryk

agreed and added it would be one charge per, so if they were to install three, they would charge the same item three times, rather than charging the first item with 78A and charging the remaining items with 78B because it looks like the real difference between the two is 78B is for additional installs where 78A is for the first install. Mr. Treepaisan suggested combining/averaging the costs then adding a note at the end stating it is priced per install and each additional unit would be charged an additional per unit charge. Mr. Carrion agreed and stated this is how most items are charged. If it's a transfer cost for a single conductor, you would charge it twice. Mr. Bacon explained the difference between 78A and 78B is the labor of driving the hook in, having the laborer take his hammer and if it's a single jack he slams that into the pole. That's the difference between the two and that is why they are charging the additional two dollars for the additional wedge grips. Mr. Bacon then suggested this item should be one single price that should automatically include three wedge grips, because if they're going out there, they're only going to wedge grip one if it is in their climbing space. He then stated he could not remember the last time he seen this item on a JPA. Mr. Bacon then reiterated he felt the charge should be one price and that should also include three wedge grips. He feels this falls within reason of anything any member is going to go out and repair for somebody else's phone drops that may be dangling down low. There were no objections from the committee. Ms. Pranata then asked Mr. Bacon if would like it to say, "three wedge grips" or "up to three wedge grips". Mr. Bacon informed Ms. Pranata it should say "up to three wedge grips". Anything more than that and they would have to contact the other utility. The committee decided the new title for item 78 will be "Drive hook with wedge grip unit ("P" tie), either single drop wire or multiple drop wire including conductor – up to three wedge grip units." Mr. Van Stryk then moved on to item 81- "C" rural wire (1 pair). He then asked the committee members if they knew what this was. Mr. Treepaisan explained it is an open telephone wire, like how you sometimes see electrical conductors open. He has only seen it in one location, and it was AT&T. He then stated he feels since this happens so rarely, combining it is not a bad thing. He's not even sure how often "C" wire is involved, but he believes it is an old set up. Mr. Bacon explained LADWD used to have their fire alarms attached to these. It was a two-wire system that ran throughout the city of L.A. He then informed the committee the "C" stands for communication. Mr. Bacon agrees this should be one price as well. Ms. Pranata then asked for a new title name. Mr. Van Stryk informed her it would stay then same. Ms. Pranata then asked if they would like to notate whether it is in line or a dead end. Mr. Van Stryk informed her she could add that note in parenthesis like the other titles so that it's known that it's the same now. The committee decided the new title for item 81 will be "c" rural wire (1 pair) – in line or on dead-end pole." Mr. Van Stryk then moved on to item 82 – Cable arm with one cable – transferring, raising, or lowering. Last years authorized costs matrix shows most companies submitting the same prices for all four items, A through D. The only company that did not was AT&T, they were the only company that added differentiating pricing. He then asked to committee if they would like to combine this item as well or leave it as is. Mr. Bacon explained he has mixed feeling about

this item because some of the communication side is getting very big and there is a lot of weight when transferring a single or double wood arm and there is cable involved. Especially when there is a rearrangement due to another utility coming on. Mr. Bacon then asked if the committee felt these were fair and equitable pricing of what it would cost to do this out in the field. Mr. Harmon stated he has not been on the committee very long, but he feels these prices are from the 1940s. He understands that it goes both ways, and one doesn't want to raise the pricing because then they would get charged the same price. So, to the extent that they are trying to cover costs and whatever else they must pay for and there is not extra money being charged, which does not do anyone any good. He would like to see what the actual cost for these items is. Mr. Bacon then stated the committee should leave this item as is because there should be a price difference between A, B, C, and D. He also recommends the committee review the pricing on this item. Mr. Harmon then asked about non wood material arms and if there is pricing for these. Mr. Bacon explained that he believes there is. Mr. Harmon then stated fiberglass arms are used by power companies to transfer his facilities, so he feels they should be compensated for that since it is likely more expensive than wood. Mr. Van Stryk then stated he does not believe there is any other section for any arm other than wood for transferring. Mr. Bacon then pointed out that with the terms transferring, raising, and lowering in the title that would need the fiberglass option. Mr. Van Stryk then asked the committee if they would prefer to just eliminate the word "wood". Mr. Van Stryk then stated he personally does not have fiberglass in inventory so he cannot speak to this issue, but he does not feel that the transferring cost would be different. Mr. Bacon then asked the communication companies where they stood as far as having their facilities moved to fiberglass arms instead of wood arms. Ms. Crawford explained that AT&T California would have to verify that and report back. Mr. Treepaisan stated he would also have to follow up with his JPA groups to verify the use of fiberglass arms. Mr. Bacon stated LADWP's specifications show fiberglass as being just as strong. Mr. Bacon then stated the committee would revisit this item at next month's meeting since they have already covered quite a few. Mr. Bacon then advised the committee members to review the remaining items, so they're prepared for the next meeting. Mr. Van Stryk asked the committee members if they would like to revisit item 82 or would they prefer to move on to the next item on the list. They stated they would like to revisit it when there is more time for discussion.

**Agenda Item 4 - Miscellaneous/ New Item numbers** – Mr. Van Stryk opened the floor to any miscellaneous items. There were none at the time.

**Agenda Item 5 - Review of Action Items:**

- Committee to review the Authorized Cost Matrix Ms. Pranata sent out to all members on September 1<sup>st</sup>, 2021, and report back next month.

- Committee to review whether they should remove the word “wood” from the title for item 82.

The meeting adjourned at 1:14 p.m.

The next meeting is scheduled for November 17, 2021.

Jenny Silva – Committee Staff

**TRANSFER COSTS  
COMMUNICATION CIRCUITS**

**ITEM**

<b>74. Semi-circular cable guard (“U” guard): transferring.....</b>	<b>245</b>
<b>75. Crossarms/Guardarms - transferring, raising, or lowering, per arm:</b>	
(a) Single.....	306
(b) Double.....	323
<b>78. Drive hook with wedge grip unit (“P” tie), either single drop wire or multiple drop wire including conductor:</b>	
(a) Transferring, raising, or lowering drive hook with one wedge grip unit.....	86
(b) Transferring, raising, or lowering additional wedge grip units on same hook, each.....	84
<b>79. Multiple distribution service wire on line pole.....</b>	<b>139</b>
<b>81. “C” rural wire (1 pair):</b>	
(a) “C” rural wire in line pole, each pair.....	122
(b) “C” rural wire on dead-end pole, each pair.....	128
<b>82. Cable arm with one cable - transferring, raising, or lowering:</b>	
(a) Single wood arm.....	482
(b) Double wood arm.....	518
(c) Extension arm (“F” or Alley arm).....	500
(d) Additional cable (on separate messenger) on same arm.....	511
<b>NOTE:</b> The above prices do not include cable terminals.	
<b>83. (a) Cable attached direct to pole – Complete .....</b>	<b>280</b>
(b) Cable attached (additional work required).....	248
<b>84. Messenger reinforcing units:</b>	
(a) Reinforcing strap, each.....	263
(b) Reinforcing link, each.....	263
<b>85. Messenger without cable - transferring, raising, or lowering: (See Item 82 for transfer of arms)</b>	
(a) Single wood arm.....	320
(b) Double wood arm.....	380
(c) Extension arm (“F” or Alley arm).....	360
(d) Direct to pole.....	348

## AUTHORIZED COSTS

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

### ITEM

<b>86. Messenger dead end, all sizes, with or without cable.....</b>	<b>326</b>
<b>87. Cable terminal transfer: (pole to pole, no splicing)</b>	
(a) Distribution cable terminal (25x - 50x).....	281
(b) Feeder distribution interface.....	418
(c) Pole seat or balcony.....	341
<b>88. Multiple distribution wire terminal transfer.....</b>	<b>259</b>
<b>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) :</b>	
(a) All types of terminals except Ready Access-25 Pair or less.....	336
(b) Ready Access-24 Pair or less.....	336
(c) Ready Access-24 Pair to 50 Pair.....	620
<b>NOTE</b> -When necessary to use multiple distribution stub, add the following to cost above;	
(d) Multiple distribution stub for Ready Access type.....	576

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

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

(a) 18 pair.....	@ 17.17 per pair.....	309
(b) 25 pair.....	@ 12.48 per pair.....	312
(c) 50 pair.....	@ 7.42 per pair.....	371
(d) 100 pair.....	@ 5.33 per pair.....	533
(e) 200 Pair.....	@ 4.09 per pair.....	817
(f) 300 pair.....	@ 3.79 per pair.....	1138
(g) 400 pair.....	@ 3.31 per pair.....	1324
(h) 600 pair.....	@ 3.20 per pair.....	1917
(i) 700 pair.....	@ 3.17 per pair.....	2219
(j) 800 pair.....	@ 3.17 per pair.....	2538
(k) 900 pair.....	@ 3.13 per pair.....	2818
(l) 1200 pair.....	@ 3.16 per pair.....	3787

\*\*\*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.

<b>92. Cable risers, including pipe and molding, each:.....</b>	<b>358</b>
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### 93. Underground and terminal facilities:

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

### 94. Fiber Optic Splicing/Testing:

(a) FUSION	
(1) 24 strand.....	1535
(2) 48 strand.....	2484
(3) 60 strand.....	3159
(4) 72 strand.....	3641
(5) 96 strand.....	4750
(6) 144 strand.....	6606
(7) 288 strand.....	12487
(8) Any size above and beyond by special agreement Section 1.2	

**AUTHORIZED COSTS**

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

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**ITEM**

96. Intentionally left blank

97. Transfer meter circuit breaker box/disconnect box..... 696

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.

		PUBLISHED		
Item Number	Power or Communication or Both	2021-2022 PRICE (Formula)	COMBINE/CONSOLIDATE?	NEW ITEM TITLE (ITEM NAME)
<b>POLE MAINTENANCE AND MISCELLANEOUS -----</b>				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS -----</b>				
74-Semi-circular cable guard ("U" guard): transferring	Communication	245		
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	306		
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	323		
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	86		
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	84		
79-Multiple Distribution Service Wire on line pole	Communication	139		
81-A "C" Rual wire (1 Pair)-In line pole ea. Pair	Communication	122		
81-B "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	Communication	128		
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	482		
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	518		
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	500		
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	511		
NOTE: The above prices do not include cable terminals.				
83-A Cable attached direct to pole (complete)	Communication	280		
83-B Cable attached (additional work required) (new item)	Communication	248		
84-A Messenger reinforcing units-Strap each	Communication	263		
84-B Messenger reinforcing units-Link each	Communication	263		
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	320		
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	380		
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	360		
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	348		
86-Messenger dead end, all sizes-with or without cable	Communication	326		
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	281		
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	418		
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	341		
88-Multiple Distribution Wire terminal Transfer	Communication	259		
<b>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):</b>				
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	336		
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	336		
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	620		

**SCJPC Authorized Cost Matrix Worksheet**  
Effective January 2021

Item Number	Power or Communication or Both	2021-2022 PRICE (Formula)	COMBINE/CONSOLIDATE?	NEW ITEM TITLE (ITEM NAME)
NOTE-When necessary to use multiple distribution stub, add the following to cost above;				
<b>89-D</b> Cable terminal replacement- Multiple Distribution Stub for Ready Access type	<b>Communication</b>	<b>576</b>		
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.				
<b>91-A</b> Cable Splicing/per splice/per pair=18 pr	<b>Communication</b>	<b>309</b>		
<b>91-B</b> Cable Splicing/per splice/per pair=25 pr	<b>Communication</b>	<b>312</b>		
<b>91-C</b> Cable Splicing/per splice/per pair=50 pr	<b>Communication</b>	<b>371</b>		
<b>91-D</b> Cable Splicing/per splice/per pair=100 pr	<b>Communication</b>	<b>533</b>		
<b>91-E</b> Cable Splicing/per splice/per pair=200 pr	<b>Communication</b>	<b>817</b>		
<b>91-F</b> Cable Splicing/per splice/per pair=300 pr	<b>Communication</b>	<b>1138</b>		
<b>91-G</b> Cable Splicing/per splice/per pair=400 pr	<b>Communication</b>	<b>1324</b>		
<b>91-H</b> Cable Splicing/per splice/per pair=600 pr	<b>Communication</b>	<b>1917</b>		
<b>91-I</b> Cable Splicing/per splice/per pair=700 pr	<b>Communication</b>	<b>2219</b>		
<b>91-J</b> Cable Splicing/per splice/per pair=800 pr	<b>Communication</b>	<b>2538</b>		
<b>91-K</b> Cable Splicing/per splice/per pair=900 pr	<b>Communication</b>	<b>2818</b>		
<b>91-L</b> Cable Splicing/per splice/per pair=1200 pr	<b>Communication</b>	<b>3787</b>		
<b>Note:</b> Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. <b>NOTE:</b> 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.				
<b>92 -</b> Cable risers, including pipe and molding each	<b>Communication</b>	<b>358</b>		
<b>93 -</b> 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)				
<b>94-A-1</b> Fiber Optic Splicing/testing Fusion-24 strand	<b>Communication</b>	<b>1535</b>		
<b>94-A-2</b> Fiber Optic Splicing/testing Fusion-48 strand	<b>Communication</b>	<b>2484</b>		
<b>94-A-3</b> Fiber Optic Splicing/testing Fusion-60 strand	<b>Communication</b>	<b>3159</b>		
<b>94-A-4</b> Fiber Optic Splicing/testing Fusion-72 strand	<b>Communication</b>	<b>3641</b>		
<b>94-A-5</b> Fiber Optic Splicing/testing Fusion-96 strand	<b>Communication</b>	<b>4750</b>		
<b>94-A-6</b> Fiber Optic Splicing/testing Fusion-144 strand	<b>Communication</b>	<b>6606</b>		
<b>94-A-7</b> Fiber Optic Splicing/testing Fusion-288 strand	<b>Communication</b>	<b>12487</b>		
<b>94-A-8</b> Any size above and beyond by special agreement Section 1.2				
<b>97-</b> Transfer meter curcuit breaker box/disconnect box	<b>Communication</b>	<b>696</b>		
<b>109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed:</b> Specify under this item number the nature thereof and the agreed cost under Section 1.2.				

**SCJPC Authorized Cost Matrix Worksheet**  
**Effective January 2021**

		<b>PUBLISHED</b>		
<b>Item Number</b>	<b>Power or Communication or Both</b>	<b>2021-2022 PRICE (Formula)</b>	<b>COMBINE/ CONSOLIDATE?</b>	<b>NEW ITEM TITLE (ITEM NAME)</b>
<b>POLE MAINTENANCE AND MISCELLANEOUS -----</b>				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS -----</b>				
<b>74</b> -Semi-circular cable guard ("U" guard): transferring	<b>Communication</b>	<b>245</b>	N	
<b>75-A</b> Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	<b>Communication</b>	<b>306</b>	Y	75. Guardarms - transferring, raising, or lowering, per arm (single/double)
<b>75-B</b> Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	<b>Communication</b>	<b>323</b>	Y	
<b>78-A</b> Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	<b>Communication</b>	<b>86</b>	Y	78. Drive hook with wedge grip unit ("P" tie), either single drop wire or multiple drop wire including conductor - up to three wedge grips unit.
<b>78-B</b> Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	<b>Communication</b>	<b>84</b>	Y	
<b>79</b> -Multiple Distribution Service Wire on line pole	<b>Communication</b>	<b>139</b>	N	
<b>81-A</b> "C" Rual wire (1 Pair)-In line pole ea. Pair	<b>Communication</b>	<b>122</b>	Y	81. "C" rural wire (1 pair) - in line or on dead-end pole
<b>81-B</b> "C" Rual wire (1 Pair)-On deadend pole ea. Pair.	<b>Communication</b>	<b>128</b>	Y	

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE**  
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**Phone (909) 599-3801**  
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**November 17, 2021**

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 12:50 p.m. via teleconference. **Those in attendance were:**

Mr. Nicholas Van Stryk	City of Vernon (Petrelli Electric)
Ms. Claudia Arellano	City of Vernon
Ms. Valerie Mitwasi	Southern California Edison
Ms. Alicia Walsh	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. John Bacon	City of Los Angeles – DWP
Ms. Yesenia Delgado	Time Warner Cable
Ms. Kay Black	AT&T California
Ms. Tara D. Andrews	AT&T California
Mr. Troy Standard	AT&T California
Mr. Barry Consulter	AT&T California
Ms. Maria Ortiz	XO Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Lex Treepaisan	Frontier Communications
Mr. Glen Leckie	Frontier Communications
Mr. Earle Carrion	Crown Castle NG West Inc.
Mr. Aarize Dizon	Crown Castle NG West Inc.
Ms. Yvonne Johnson	AT&T Mobility
Mr. Jeremy Harmon	Verizon Wireless
Mr. Richard Soriano	City of Banning
Ms. Lynne LaFrenais	Bear Valley Electric Service, Inc.
Mr. Ben Coffee	City of Banning
Ms. Veronica Craghead	City of Banning
Mr. Jim Todaro	AT&T Mobility
Mr. Renzo Garzon	Mobilitie, LLC
Ms. Katy White	MCI Metro ATS/MCI Telecommunications
Ms. Alicia Smith	Sprint Nextel Corporation/Sprint Communications CO.L.P
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jenny Silva	Committee Staff

Mr. Van Stryk called the meeting to order at 12:50 p.m.

**Agenda Item 1 - Review of prior month's minutes** - Mr. Van Stryk opened the meeting by inquiring if there were any questions or concerns regarding the October 2021 month's meeting minutes. There were no comments or concerns from any members.

**Agenda Items 2 - Review of Pole Prices (Yearly - Standing Agenda/Placeholder)** – Mr. Van Stryk reiterated the due date for Pole Prices was October 31<sup>st</sup>, 2021. He then informed the committee he submitted his pole prices a day late. He then asked Ms. Pranata what the meaning of the note “WAITING FOR 2022 PP” meant. Ms. Pranata explained this meant these companies had not submitted their pole prices. She then informed the committee these companies submitted pole prices last year so she's assuming they will be doing so this year. Mr. Van Stryk then asked Ms. Pranata if she usually notifies these companies separately. Ms. Pranata explained she usually sends out a reminder, but she wanted to ask the current attendees if they could confirm whether they would be submitting their pole prices for 2022. Mr. Treepaisan asked if it would be possible to send her the pole prices for Frontier Communication on Friday since he has a few things he must wrap up first. Ms. Pranata informed him that would be fine. Ms. Black with AT&T California informed Ms. Pranata she would investigate it and get back to her. Mr. Bacon with LADWP informed Ms. Pranata he would get it to her as soon as possible. She then asked Ms. Ortiz if she would be submitting her prices and Ms. Johnson informed Ms. Pranata that Ms. Ortiz was on mute. However, Ms. Johnson will discuss with Ms. Ortiz and Ms. Smith after the meeting. Ms. Johnson then stated she is sure they will be submitted soon. Ms. Delgado then informed Ms. Pranata, she had submitted her pole prices for Time Warner on Monday. Ms. Pranata then informed the committee she would send a pole prices deadline reminder out to all members highlighted in yellow. Mr. Van Stryk then asked Ms. Pranata when the committee decides to move forward with what has been submitted. He asked if there was a date in place. Ms. Pranata explained that historically the committee waits for all companies currently highlighted in yellow to either submit their pole prices or confirm they will not be submitting pole prices this year. Once confirmation is received from all members the committee will then move on to reviewing pole prices and once that is done, the committee will submit them to the Administrative Board for approval. Ms. Pranata then explained all submitted prices are in the meeting packet so members can go ahead and review them. She advised the committee to review the submitted prices now so they can call out any red flags or discrepancies prior to Administrative Board approval. Mr. Bacon feels the committee will have to meet before January of 2022 to review pole prices. Ms. Pranata explained this is not the case since historically the committee approves pole prices after January. Mr. Van Stryk asked Ms. Pranata when this would become a big headache for the committee staff. Ms. Pranata explained this is not an issue if there are no JPAs issued with a 2022-year set. If the staff does receive JPAs with the year set of 2022 they will have to set them aside. Ms. Pranata then asked Ms. Mitwasi if Edison would be submitting pricing for CM poles. Ms. Mitwasi informed her she is still looking into this and will reply to her

email when she has an answer. Mr. Van Stryk then asked what CM stands for. Ms. Pranata explained it is a Composite Fiberglass Pole, but a multi piece, CF is for a single piece.

**Agenda Item 3 – Review of Authorized Costs** – Mr. Van Stryk moved onto item **1777: Item Number Consolidation of some authorized costs-** Mr. Van Stryk informed the committee members they left off on discussing item 82, specifically the word “wood”, they were going to try to incorporate fiberglass as being able to be transferred. Mr. Bacon asked Mr. Van Stryk to repeat what he said because he did not understand. Mr. Van Stryk then explained item 82 is split between 82A through 82D. More specifically that at the end of the last meeting the discussion on item 82 was whether they should remove the word “wood” so it would incorporate other types of arms, like fiberglass. Mr. Bacon then remembered the committee agreed to go through these one at a time. Mr. Van Stryk then asked Mr. Bacon if LADWP uses only wood arms or do they use other forms. Mr. Bacon stated LADWP does in fact have some fiberglass arms. Mr. Van Stryk asked Mr. Bacon if LADWP uses item 82 when transferring a fiberglass arm or when any communication company is transferring them. Mr. Carrion then stated he would like to take this one step at a time to get some clarification. He then asked if item 82 would be used if the arm itself needs to be raised or lowered. He then asked what was with the one cable. Mr. Van Stryk then stated it’s a transfer cost. Mr. Carrion then asked if this is a cost for transferring a cable on to an arm or is it the cost for raising or lowering an existing arm. Mr. Van Stryk explained he believes it’s the cost of transferring an arm already constructed to either a new pole or raising or lowering it on an existing pole to move it to or from grade. Mr. Bacon agreed this was his understanding as well. Mr. Carrion then asked if the term “cable arm with one cable” was particularly relevant in this case. Mr. Van Stryk explained that in this case he believes it has to do with the messenger or the three point, he could not remember what it’s called but it’s the device that holds it. He believes it costs more and members are supposed to add item 82D if there is a messenger on it, so that you transfer one at a time. Mr. Carrion then stated for the most part wood arms are generally used. He then asked if there would be a significant cost difference for arms that are other than wood. The reason he asks is because there’s an opportunity to consolidate these as wood and then perhaps add another subcategory to item 82 for those other than wood if the cost is significantly different. Mr. Bacon stated the other than wood is more expensive, but he does not believe it impacts the overall price scale here. If the committee can investigate it and see if there is a difference between other than wood costs, for instance if the cross arm itself costs 105 dollars as opposed to 68 dollars for a wood arm, then it would have to have its own category. Or if the committee all agrees that the one price is sufficient when they take the average of the two, so they’re not sub categorizing it for everyone. He then asked the committee for their thoughts. Mr. Van Stryk then stated he does not use fiberglass so he wouldn’t know the cost of it versus wood offhand, but he can investigate it. He then stated that it would be different for each distributor based on volume. Mr. Bacon then suggested if there’s a difference then let’s charge the difference, but if it’s not

much of a difference and the committee all agrees, then it would state “single arm” and they would remove the word “wood”. He feels this would be the simplest solution of making this correct if the committee is going to consider alternative wood products. Mr. Treepaisan stated he liked that approach. He then asked if Mr. Bacon was also suggesting that they take the average of 82A and 82B with the single and double arms. Mr. Bacon then explained that Mr. Carrion was suggesting a subcategory for other than wood and now there must be single arm and double arm for other than wood because there’s a difference in price in that as well. So now you’re getting into messier authorized costs and simpler is better so he’s suggesting looking into whether there’s a big difference in price. Mr. Treepaisan stated he liked that approach. Mr. Bacon then stated it covers if there’s additional cables or messengers on the same arm, but sometimes you have three or four and you’re unable to collect the cost. He has seen three or four communications on one arm. Mr. Treepaisan stated he that between the copper and the fiber sometimes you can have a couple of cables. Mr. Van Stryk then asked the committee if they would like to remove the word “wood”. Mr. Bacon then suggested the committee get a cost estimation on the difference between a wood arm and a crossarm. If it’s significant, then they would add subcategories and if it’s not significant, then they would just remove the word “wood”. Mr. Van Stryk stated he would ask some distributors what the price difference looks like. Mr. Van Stryk then moved on to item 83A and 83B. Mr. Bacon stated this item is for a cable attached directly to the pole which would be with a three-bolt clamp, simple. The 83B “Cable attached (additional work required) (new item)”, other than a three-bolt clamp or an arm, what else would communication companies be attached to. Ms. Johnson stated this is a temporary attachment so they would still have to go back out to attach the permanent attachment. Mr. Bacon clarified that might be an emergency temp type of attachment. They attach it with their little guy wire, hang it and then communication would have to go back out and reattach it. He asked if that was correct and Ms. Johnson answered yes, it’s a temporary attachment. Mr. Bacon then asked communication companies if this separation of items 83A and 83B would still be needed. Ms. Johnson stated she believes it is still needed since it was created last year. Ms. Ortiz agreed separation was still needed. Mr. Bacon then asked if anyone agreed or disagreed on this. Mr. Treepaisan stated if this is a recent delineation that was created then we should probably keep it. Mr. Bacon stated that seems to be the consensus, they need to keep it as is because there is definitely a separation. Mr. Bacon then suggested the committee move on the item 84A and 84B which has the same price listed for both items. Ms. Johnson stated she has never seen this item on a JPA. Mr. Bacon agreed then stated usually one utility would notify the other in a third-party notification letting them know they have low hanging wires that a trash truck may get caught on or whatever the case may be. He doesn’t believe communication companies allow other companies to work on their lines. He can’t see AT&T California strapping up a Time Warner cable because the wire is dangling down, and a trash truck may get caught on it. They would just report it and if they did fix it, they wouldn’t charge for it. Mr. Bacon then stated if a communication company did go out there and reinforce other companies’ wires,

how would they charge them for it. So even though this item is old and rarely used there may be times when it is needed so he believes items 84A and 84B should stay. Mr. Van Stryk asked the committee if they would like to combine the two items. He then asked if there's a cost difference between strap and link. Mr. Bacon then explained a strap is an aluminum wrap or band wire and the other is more of a lock bolted threaded bolt link. Even though the price is the same the procedure is different, but they could just say item 84 strap and link. Mr. Van Stryk feels the fact that the price is the same gives them a good opportunity to combine them. Mr. Treepaisan agreed since it's the same price it shouldn't be an issue to eliminate A and B and add verbiage strap and link to item 84. Mr. Van Stryk then suggested changing the verbiage to "Messenger reinforcing unit- strap or link each". The committee agreed. Mr. Bacon suggested reviewing one more item, so the committee moved onto item 85 A through D. Mr. Bacon read the description for item 85A -Messenger without cable-transferring, raising, or lowering-single wood arm. Mr. Van Stryk stated he feels this item is going to be a very similar discussion to item 82. Mr. Bacon went on to read item 85B – "Messenger without cable-transferring, raising, or lowering-Double wood arm". Mr. Bacon stated there must be separation on this item because it's more expensive and it's more laborious to install a double arm than it is to install a single wood arm. Mr. Van Stryk clarified that he meant as far as fiberglass and those terms are concerned, because this item also specifically says wood. Mr. Bacon then suggested this be added to the investigation for item 82. As soon as the committee finds out the cost for the fiberglass and if there is not a significant difference, then perhaps they can take the average to keep everything simple. Ms. LaFrenais stated items 84, 85, and 86 all start with "Messenger". She then inquired what exactly a messenger was, was it something specific to communications. Mr. Bacon explained messenger could be used in different ways, but a messenger is pretty much a communications wire. A messenger is a steel guy wire that comes in a quarter inch, they come in three eighths, and they come in seven sixteenths in some cases. Whenever you have communication present it will be attached to the messenger wire. The messenger wire is what holds everything up so it can be used as a guy wire, or it can be used to hold communication. It doesn't necessarily have to have communication attached to it, but because it's being used as a support wire through the member's space. Mr. Van Stryk explained the messenger holds the tension for the communication conductors that are latched to it, and you will typically see just a messenger from an extra span for future expansion, but they don't have the cable and they don't have that part built out yet, or they do it for reinforcement and they use a guy wire down one pole and then down guy.

**Agenda Item 4 - Miscellaneous/ New Item numbers** – Mr. Van Stryk opened the floor to any miscellaneous items. There were none at the time.

**Agenda Item 5 - Review of Action Items:**

- Committee to review the fiberglass cost versus wood for items 82A-D and 85A-D.

- Members to submit their pole prices if they have not done so already.

The meeting adjourned at 1:15 p.m.

The next meeting is scheduled for January 19, 2022.

Jenny Silva – Committee Staff

**Southern California Joint Pole Committee  
2022 Pole Prices Submissions AS OF 11/10/2021**

Member Code	Member Name	2022 Individual PP	2022 Weighted Average PP	2022 Pole Prices Comments	LAST YEAR	LAST YEAR	LAST YEAR	Member Code
					2021 Individual PP	2021 Weighted Average PP	2021 Pole Prices Comments	
1	<b>E</b> Edison	I			I			<b>E</b>
2	<b>FTR</b> Frontier Communications			WAITING FOR 2022 PP	I			<b>FTR</b>
3	<b>H</b> AT&T CA			WAITING FOR 2022 PP	I			<b>H</b>
4	<b>M</b> City of LA			WAITING FOR 2022 PP	I			<b>M</b>
5	<b>NG</b> Crown Castle NG West Inc.						Did not submit any prices for 2021	<b>NG</b>
6	<b>ATC</b> Verizon Wireless			WAITING FOR 2022 PP		WA		<b>ATC</b>
7	<b>J</b> City of Riverside						Did not submit any prices for 2021	<b>J</b>
8	<b>D</b> City of Anaheim						Did not submit any prices for 2021	<b>D</b>
9	<b>TCA</b> Teleport Comm. America, LLC			WAITING FOR 2022 PP		WA		<b>TCA</b>
10	<b>A</b> City of Glendale			WAITING FOR 2022 PP		WA		<b>A</b>
11	<b>ATS</b> MCI Metro/ATS			WAITING FOR 2022 PP		WA		<b>ATS</b>
12	<b>B</b> City of Burbank			WAITING FOR 2022 PP	I			<b>B</b>
13	<b>MP</b> City of Pasadena			WAITING FOR 2022 PP	I			<b>MP</b>
14	<b>TWC</b> Time Warner Cable			WAITING FOR 2022 PP		WA		<b>TWC</b>
15	<b>BVE</b> Bear Valley Electric	I			I			<b>BVE</b>
16	<b>LAC</b> AT&T Mobility			WAITING FOR 2022 PP	I			<b>LAC</b>
17	<b>NXT</b> XO Communications			WAITING FOR 2022 PP		WA		<b>NXT</b>
18	<b>F</b> City of Colton		WA				Did not submit any prices for 2021	<b>F</b>
19	<b>MA</b> City of Azusa				I		First time submitting Pole Prices	<b>MA</b>
20	<b>COB</b> City of Banning						Did not submit any prices for 2021	<b>COB</b>
21	<b>LLW</b> City of Lompoc	I			I			<b>LLW</b>
22	<b>MCI</b> MCI Telecomm			WAITING FOR 2022 PP		WA		<b>MCI</b>
23	<b>V</b> City of Vernon	I			I			<b>V</b>
24	<b>SPR</b> Sprint Nextel Corp.			Requested an extension		WA		<b>SPR</b>
25	<b>ICG</b> Mpower Comm			Will not submit prices			Did not submit any prices for 2021	<b>ICG</b>
26	<b>PBM</b> T-Mobile USA						Did not submit any prices for 2021	<b>PBM</b>
27	<b>FON</b> Sprint Comm, LP			Requested an extension		WA		<b>FON</b>
28	<b>EXT</b> ExteNet Systems			Will not submit prices			Will not submit prices	<b>EXT</b>
29	<b>AMT</b> ATC-Outdoor DAS, LLC						Did not submit any prices for 2021	<b>AMT</b>
30	<b>MOB</b> Mobilite, LLC			Will not submit prices			Did not submit any prices for 2021	<b>MOB</b>
Total Submitted Costs		4	1		12	9		
		2021 Individual PP	2021 Weighted Average PP		2021 Individual PP	2020 Weighted Average PP		

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Wood Pole Set/ Replacement**

Please submit to SCJPC by:  
 October 31, 2021

SCJPC Member Utility submitting: **Bear Valley Electric Service, Inc.**

Person completing worksheet: **Lynne LaFrenais**

Call Back Telephone Number & Email: **909-866-4678 x144**

Select: **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'	CL3	142.53	1	4	712.63	684.70		548.37	231.90	502.64	<b>2680.24</b>	
40'	CL1	142.53	1	4	712.63	1160.80		548.37	231.90	502.64	<b>3156.34</b>	
45'	CL1	142.53	1	5	855.16	1506.76		548.37	231.90	502.64	<b>3644.82</b>	
50'	CL1	142.53	1	8	1282.73	1682.19		548.37	231.90	502.64	<b>4247.83</b>	
50'	H2	142.53	1	8	1282.73	2348.03		548.37	231.90	502.64	<b>4913.67</b>	
50'	H3	142.53	1	8	1282.73	3057.67		548.37	231.90	502.64	<b>5623.31</b>	
55'	CL1	142.53	1	8	1282.73	1135.34		548.37	231.90	502.64	<b>3700.98</b>	
55'	H3	142.53	1	8	1282.73	2316.22		548.37	231.90	502.64	<b>4881.86</b>	
55'	H4	142.53	1	8	1282.73	2314.77		548.37	231.90	502.64	<b>4880.41</b>	
55'	H5	142.53	1	8	1282.73	4356.96		548.37	231.90	502.64	<b>6922.60</b>	
60'	H2	142.53	1	8	1282.73	3141.33		626.05	231.90	502.64	<b>5784.65</b>	
60'	H5	142.53	1	8	1282.73	4677.62		626.05	231.90	502.64	<b>7320.94</b>	
65'	H4	142.53	1	8	1282.73	4277.17		626.05	231.90	502.64	<b>6920.49</b>	
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

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

11/10/2021

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
 For **Composite Fiberglass (CF)** Pole Set/ Replacement

Please submit to SCJPC by:  
 October 31, 2021

SCJPC Member Utility submitting: **Bear Valley Electric Service, Inc.**

Person completing worksheet: **Lynne LaFrenais**

Call Back Telephone Number & Email: **909-866-4678 x144**

Select: **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						0.00	
30'		0	0	0	0						0.00	
35'		0	0	0	0						0.00	
40'	1	142.53	1	10.40	1624.796	3959.31		548.37	231.90	502.64	<b>6867.01</b>	
45'		0	0	0	0						0.00	
50'		0	0	0	0						0.00	
55'		0	0	0	0						0.00	
60'		0	0	0	0						0.00	
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	
110'		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. 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

(\*\*\*\*) 11/10/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Composite Fiberglass Multi Pieces (CM) Pole Set/ Replacement**

Please submit to SCJPC by:  
 October 31, 2021

SCJPC Member Utility submitting: **Bear Valley Electric Service, Inc.**

Person completing worksheet: **Lynne LaFrenais**

Call Back Telephone Number & Email: **909-866-4678 x144**

Select: **Weighted Average**  \*\*\*\*\* **Individual Costs**  \*\*\*\*\*

	1	2	3	4	5	6	7	8	9	10	11	12
<b>Pole Length</b>	<b>Pole Class</b>	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'	1	142.53	1	8.20	1311.24	3070.47		548.37	231.90	502.64	<b>5664.61</b>	
40'		0	0	0	0						0.00	
45'	1	142.53	1	10.40	1624.80	3959.31		548.37	231.90	502.64	<b>6867.01</b>	
50'	1	142.53	1	10.40	1624.796	6121.97		548.37	231.90	502.64	<b>9029.67</b>	
55'	1	142.53	1	10.40	1624.796	5761.86		548.37	231.90	502.64	<b>8669.56</b>	
60'		0	0	0	0						0.00	
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	
110'		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. 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

(\*\*\*\*\*) 11/10/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:  
October 31, 2021

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

Person completing worksheet: **Ariel Dunning**

Call Back Telephone Number & Email: **(909)370-5088, adunning@coltonca.gov**

Select: **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	
30'	3	264.3	4	8	3171.6	535	53.5	400	200	631.69	4992	
35'	3	264.3	4	8	3171.6	667	66.7	400	200	631.69	5137	
40'	3	264.3	4	8	3171.6	815	81.5	400	200	631.69	5300	
45'	3	264.3	4	8	3171.6	965	96.5	400	200	631.69	5465	
50'	3	264.3	4	8	3171.6	1276	127.6	400	200	631.69	5807	
55'	3	264.3	4	8	3171.6	1548	154.8	400	200	631.69	6106	
60'	3	264.3	4	8	3171.6	1331	133.1	400	200	631.69	5867	
65'	3	264.3	4	8	3171.6	2073	207.3	400	200	631.69	6684	
70'					0						0	
75'					0						0	
80'					0						0	
85'					0						0	
90'					0						0	
95'					0						0	
100'					0						0	
110'					0						0	

NOTE: If the Expense for any of these columns (I.e. Columns #7,#8,#9 and #10) are Pole Price Matrix categories [i.e. Direct Labor (loaded) or General & Administrative], Price Matrix element those expenses are already included. **Material cost must be pro**

400	200	631.69
400	200	631.69
400	200	631.69

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

(\*\*\*\*\*) 11/10/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Wood Pole Set/ Replacement**

Please submit to SCJPC by:  
**October 31, 2021**

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**

Select: **Weighted Average**  \*\*\*\*\* **Individual Costs**  \*\*\*\*\*

1	2	3	4	5	6	7	8	9	10	11	12	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	Total # Joint Poles Set
25'		0	0	0	0						0	
30'	3	241	4	7.5	2771.5	275.01	19.25	312.30			3378	
35'	3	241	4	7.5	2771.5	384.42	26.91	312.30			3495	
40'	3	241	4	10	3374	420.24	29.42	380.18			4204	
45'	3	241	4	10	3374	926.65	64.87	380.18			4746	
50'	3	241	4	10	3374	979.67	68.58	380.18			4802	
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

(\*\*\*\*) 11/10/2021 Please designate if you choose to publish your costs individually or be included in the weighted average

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:  
October 31, 2021

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

Person completing worksheet: \_\_\_\_\_

Call Back Telephone Number & Email: \_\_\_\_\_

Select: 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 7.65% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin 8.68% (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	5	\$275.82	4.00	8.20	\$3,364.95	\$238.03	\$18.21	*	\$275.82	\$338.26	\$4,235.26	0
30'	5	\$275.82	4.00	8.20	\$3,364.95	\$296.52	\$22.68	*	\$275.82	\$343.72	\$4,303.68	9
35'	3	\$275.82	4.00	8.20	\$3,364.95	\$522.43	\$39.97	*	\$275.82	\$364.83	\$4,567.99	909
40'	2	\$275.82	4.00	10.40	\$3,971.74	\$793.35	\$60.69	*	\$275.82	\$442.82	\$5,544.42	936
45'	2	\$275.82	4.00	10.40	\$3,971.74	\$1,200.56	\$91.84	*	\$275.82	\$480.87	\$6,020.83	4,948
50'	2	\$275.82	4.00	10.40	\$3,971.74	\$1,276.27	\$97.63	*	\$275.82	\$487.94	\$6,109.40	1,955
55'	2	\$275.82	4.00	10.40	\$3,971.74	\$1,293.29	\$98.94	*	\$275.82	\$489.53	\$6,129.32	664
60'	1	\$275.82	4.00	10.40	\$3,971.74	\$1,887.59	\$144.40	*	\$275.82	\$545.06	\$6,824.61	354
65'	1	\$275.82	4.00	12.60	\$4,578.54	\$2,434.56	\$186.24	*	\$275.82	\$648.84	\$8,123.99	501
70'	1	\$275.82	4.00	12.60	\$4,578.54	\$2,751.81	\$210.51	*	\$275.82	\$678.49	\$8,495.16	728
75'	1	\$275.82	4.00	12.60	\$4,578.54	\$3,018.61	\$230.92	*	\$275.82	\$703.42	\$8,807.30	538
80'	1	\$275.82	4.25	12.60	\$4,647.49	\$3,354.72	\$256.64	*	\$275.82	\$740.81	\$9,275.48	430
85'	1	\$275.82	4.25	12.60	\$4,647.49	\$3,808.44	\$291.35	*	\$275.82	\$783.20	\$9,806.30	295
90'	1	\$275.82	4.25	15.50	\$5,447.36	\$4,455.65	\$340.86	*	\$275.82	\$913.11	\$11,432.79	0
95'	1	\$275.82	4.25	15.50	\$5,447.36	\$4,601.24	\$351.99	*	\$275.82	\$926.71	\$11,603.11	35
100'	1	\$275.82	4.25	15.50	\$5,447.36	\$5,160.25	\$394.76	*	\$275.82	\$978.95	\$12,257.13	18
105'	1	\$275.82	4.25	15.50	\$5,447.36	\$3,110.61	\$237.96	*	\$275.82	\$787.43	\$9,859.17	0
110'	1	\$275.82	4.25	15.50	\$5,447.36	\$6,090.39	\$465.91	*	\$275.82	\$1,065.86	\$13,345.33	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

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
**For Composite Fiberglass (CF) Pole Set/ Replacement**

Please submit to SCJPC by:  
 October 31, 2021

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

Person completing worksheet: \_\_\_\_\_

Call Back Telephone Number & Email: \_\_\_\_\_

Select: **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 7.65%	Equipment Expense	1 Hour Engineering & Planning	General & Admin. 8.68%	Total Cost	Total # Joint Poles Set
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'	---	---	---	---	---	---	---	---	---	---	---	---
30'	5	\$275.82	4.00	8.20	\$3,364.95	\$1,071.45	\$81.97	*	\$275.82	\$416.14	\$5,210.32	0
35'	5	\$275.82	4.00	8.20	\$3,364.95	\$1,901.33	\$145.45	*	\$275.82	\$493.68	\$6,181.22	78
40'	5	\$275.82	4.00	10.40	\$3,971.74	\$2,197.66	\$168.12	*	\$275.82	\$574.04	\$7,187.38	66
45'	4	\$275.82	4.00	10.40	\$3,971.74	\$2,381.83	\$182.21	*	\$275.82	\$591.25	\$7,402.85	794
50'	3	\$275.82	4.00	10.40	\$3,971.74	\$2,864.09	\$219.10	*	\$275.82	\$636.31	\$7,967.06	122
55'	3	\$275.82	4.00	10.40	\$3,971.74	\$3,607.75	\$275.99	*	\$275.82	\$705.80	\$8,837.10	18
60'	2	\$275.82	4.00	10.40	\$3,971.74	\$6,823.28	\$521.98	*	\$275.82	\$1,006.26	\$12,599.08	11
65'	H1	\$275.82	4.00	12.60	\$4,578.54	\$5,945.75	\$454.85	*	\$275.82	\$976.93	\$12,231.88	4
70'	H3	\$275.82	4.00	12.60	\$4,578.54	\$5,950.51	\$455.21	*	\$275.82	\$977.37	\$12,237.44	1
75'	H3	\$275.82	4.00	12.60	\$4,578.54	N/A	N/A	*	\$275.82	N/A	N/A	0
80'	H3	\$275.82	4.00	14.80	\$5,185.33	N/A	N/A	*	\$275.82	N/A	N/A	0
85'	H3	\$275.82	4.00	14.80	\$5,185.33	N/A	N/A	*	\$275.82	N/A	N/A	0
90'	H3	\$275.82	4.00	14.80	\$5,185.33	N/A	N/A	*	\$275.82	N/A	N/A	0
95'	---	---	---	---	---	---	---	---	---	---	---	---
100'	---	---	---	---	---	---	---	---	---	---	---	---
105'	---	---	---	---	---	---	---	---	---	---	---	---
110'	---	---	---	---	---	---	---	---	---	---	---	---

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

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
For **Lightweight Steel** Pole Set/ Replacement

Please submit to SCJPC by:  
October 31, 2021

SCJPC Member Utility submitting: **SOUTHERN CALIFORNIA EDISON COMPANY**

Person completing worksheet:

Call Back Telephone Number & Email:

Select: Weighted Average  \*\*\*\*\* Individual Costs  X

1	2	3	4	5	6	7	8	9	10	11	12	13	
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense 7.65% (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	Crane Charges (\$)	General & Admin. 8.68% (\$)	Total Cost (\$)	Total # Joint Poles Set
25'	---	---	---	---	---	---	---	---	---	---	---	---	---
30'	---	---	---	---	---	---	---	---	---	---	---	---	---
35'	---	---	---	---	---	---	---	---	---	---	---	---	---
40'	H5	\$275.82	4.00	10.40	\$3,971.74	\$8,750.55	\$669.42	*	\$275.82	\$420.00	\$1,222.80	15,310	3
45'	90	\$275.82	4.00	10.40	\$3,971.74	\$9,384.83	\$717.94	*	\$275.82	\$420.00	\$1,282.06	16,052	0
50'	1	\$275.82	4.00	10.40	\$3,971.74	\$8,325.36	\$636.89	*	\$275.82	\$650.00	\$1,203.03	15,063	0
55'	1	\$275.82	5.00	10.40	\$4,247.56	\$8,823.89	\$675.03	*	\$275.82	\$650.00	\$1,273.56	15,946	15
60'	1	\$275.82	5.00	10.40	\$4,247.56	\$10,740.07	\$821.62	*	\$275.82	\$650.00	\$1,452.60	18,188	62
65'	1	\$275.82	5.00	12.60	\$4,854.35	\$11,203.73	\$857.09	*	\$275.82	\$920.00	\$1,572.03	19,683	163
70'	1	\$275.82	5.00	12.60	\$4,854.35	\$11,659.05	\$891.92	*	\$275.82	\$920.00	\$1,614.58	20,216	121
75'	1	\$275.82	5.00	12.60	\$4,854.35	\$12,176.89	\$931.53	*	\$275.82	\$950.00	\$1,665.57	20,854	159
80'	1	\$275.82	5.00	12.60	\$4,854.35	\$12,680.59	\$970.07	*	\$275.82	\$950.00	\$1,712.64	21,443	80
85'	1	\$275.82	5.00	12.60	\$4,854.35	\$13,322.29	\$1,019.16	*	\$275.82	\$1,210.00	\$1,795.16	22,477	43
90'	1	\$275.82	5.00	15.50	\$5,654.22	\$13,804.96	\$1,056.08	*	\$275.82	\$1,490.00	\$1,934.00	24,215	0
95'	1	\$275.82	5.00	15.50	\$5,654.22	\$14,487.52	\$1,108.30	*	\$275.82	\$1,490.00	\$1,997.78	25,014	11
100'	2	\$275.82	5.00	15.50	\$5,654.22	\$15,084.26	\$1,153.95	*	\$275.82	\$1,490.00	\$2,053.54	25,712	4
105'	3	\$275.82	5.00	15.50	\$5,654.22	\$15,875.29	\$1,214.46	*	\$275.82	\$1,490.00	\$2,127.45	26,637	2
110'	1	\$275.82	5.00	15.50	\$5,654.22	\$17,749.19	\$1,357.81	*	\$275.82	\$1,490.00	\$2,302.55	28,830	2

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

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

**2022 SCJPC POLE PRICE MATRIX WORKSHEET**  
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:  
October 31, 2021

SCJPC Member Utility submitting: **Vernon**

Person completing worksheet: **Nicholas Van Stryk**

Call Back Telephone Number & Email: **(323) 583-8811 Ext. 618**

Select: **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'		134.49	0.5	14	1950.105	442.33	***	***	104.34	585.0315	3082	
40'		134.49	0.5	14	1950.105	920.5	***	***	104.34	585.0315	3560	
45'		134.49	0.5	14	1950.105	1156	***	***	104.34	585.0315	3795	
50'		134.49	0.5	14	1950.105	2039.3	***	***	104.34	585.0315	4679	
55'		134.49	0.5	16.5	2286.33	2553.3	***	***	104.34	685.899	5630	
60'		134.49	0.5	16.5	2286.33	2854.3	***	***	104.34	685.899	5931	
65'		134.49	0.5	16.5	2286.33	3549.3	***	***	104.34	685.899	6626	
70'		134.49	0.5	21	2891.535	3486.7	***	***	104.34	867.4605	7350	
75'		134.49	0.5	21	2891.535	3697.3	***	***	104.34	867.4605	7561	
80'		134.49	0.5	21	2891.535	4424	***	***	104.34	867.4605	8287	
85'		134.49	0.5	21	2891.535	4505	***	***	104.34	867.4605	8368	
90'		134.49	0.5	21	2891.535	5802.8	***	***	104.34	867.4605	9666	
95'		134.49	0.5	21	2891.535	5266	***	***	104.34	867.4605	9129	
100'		134.49	0.5	21	2891.535	7639	***	***	104.34	867.4605	11502	
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

**TRANSFER COSTS  
COMMUNICATION CIRCUITS**

**ITEM**

<b>74. Semi-circular cable guard (“U” guard): transferring.....</b>	<b>245</b>
<b>75. Crossarms/Guardarms - transferring, raising, or lowering, per arm:</b>	
(a) Single.....	306
(b) Double.....	323
<b>78. Drive hook with wedge grip unit (“P” tie), either single drop wire or multiple drop wire including conductor:</b>	
(a) Transferring, raising, or lowering drive hook with one wedge grip unit.....	86
(b) Transferring, raising, or lowering additional wedge grip units on same hook, each.....	84
<b>79. Multiple distribution service wire on line pole.....</b>	<b>139</b>
<b>81. “C” rural wire (1 pair):</b>	
(a) “C” rural wire in line pole, each pair.....	122
(b) “C” rural wire on dead-end pole, each pair.....	128
<b>82. Cable arm with one cable - transferring, raising, or lowering:</b>	
(a) Single wood arm.....	482
(b) Double wood arm.....	518
(c) Extension arm (“F” or Alley arm).....	500
(d) Additional cable (on separate messenger) on same arm.....	511
<b>NOTE:</b> The above prices do not include cable terminals.	
<b>83. (a) Cable attached direct to pole – Complete .....</b>	<b>280</b>
(b) Cable attached (additional work required).....	248
<b>84. Messenger reinforcing units:</b>	
(a) Reinforcing strap, each.....	263
(b) Reinforcing link, each.....	263
<b>85. Messenger without cable - transferring, raising, or lowering: (See Item 82 for transfer of arms)</b>	
(a) Single wood arm.....	320
(b) Double wood arm.....	380
(c) Extension arm (“F” or Alley arm).....	360
(d) Direct to pole.....	348

## AUTHORIZED COSTS

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

### ITEM

<b>86. Messenger dead end, all sizes, with or without cable.....</b>	<b>326</b>
<b>87. Cable terminal transfer: (pole to pole, no splicing)</b>	
(a) Distribution cable terminal (25x - 50x).....	281
(b) Feeder distribution interface.....	418
(c) Pole seat or balcony.....	341
<b>88. Multiple distribution wire terminal transfer.....</b>	<b>259</b>
<b>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) :</b>	
(a) All types of terminals except Ready Access-25 Pair or less.....	336
(b) Ready Access-24 Pair or less.....	336
(c) Ready Access-24 Pair to 50 Pair.....	620
<b>NOTE-When necessary to use multiple distribution stub, add the following to cost above;</b>	
(d) Multiple distribution stub for Ready Access type.....	576

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

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

(a) 18 pair.....	@ 17.17 per pair.....	309
(b) 25 pair.....	@ 12.48 per pair.....	312
(c) 50 pair.....	@ 7.42 per pair.....	371
(d) 100 pair.....	@ 5.33 per pair.....	533
(e) 200 Pair.....	@ 4.09 per pair.....	817
(f) 300 pair.....	@ 3.79 per pair.....	1138
(g) 400 pair.....	@ 3.31 per pair.....	1324
(h) 600 pair.....	@ 3.20 per pair.....	1917
(i) 700 pair.....	@ 3.17 per pair.....	2219
(j) 800 pair.....	@ 3.17 per pair.....	2538
(k) 900 pair.....	@ 3.13 per pair.....	2818
(l) 1200 pair.....	@ 3.16 per pair.....	3787

\*\*\*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.

<b>92. Cable risers, including pipe and molding, each:.....</b>	<b>358</b>
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### 93. Underground and terminal facilities:

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

### 94. Fiber Optic Splicing/Testing:

(a) FUSION	
(1) 24 strand.....	1535
(2) 48 strand.....	2484
(3) 60 strand.....	3159
(4) 72 strand.....	3641
(5) 96 strand.....	4750
(6) 144 strand.....	6606
(7) 288 strand.....	12487
(8) Any size above and beyond by special agreement Section 1.2	

**AUTHORIZED COSTS**

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

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**ITEM**

96. Intentionally left blank

97. Transfer meter circuit breaker box/disconnect box..... 696

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.

Item Number	Power or Communication or Both	2021-2022 PRICE (Formula)	COMBINE/ CONSOLIDATE?	NEW ITEM TITLE (ITEM NAME)
<b>PUBLISHED</b>				
<b>POLE MAINTENANCE AND MISCELLANEOUS</b>				
<b>TRANSFER COSTS - COMMUNICATION CIRCUITS</b>				
74-Semi-circular cable guard ("U" guard); transferring	Communication	245	N	
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	306	Y	75. Guardarms - transferring, raising, or lowering, per arm (single/double)
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	323	Y	
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	86	Y	78. Drive hook with wedge grip unit ("P" tie), either single drop wire or multiple drop wire including conductor - up to three wedge grips unit.
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	84	Y	
79-Multiple Distribution Service Wire on line pole	Communication	139	N	
81-A "C" Rural wire (1 Pair)-In line pole ea. Pair	Communication	122	Y	81. "C" rural wire (1 pair) - in line or on dead-end pole
81-B "C" Rural wire (1 Pair)-On deadend pole ea. Pair.	Communication	128	Y	
82-A Cable arm w/ 1 cable, transferring, raising, or lowering - Single wood arm	Communication	482		
82-B Cable arm w/ 1 cable, transferring, raising, or lowering - Double wood arm	Communication	518		
82-C Cable arm w/ 1 cable, transferring, raising, or lowering - Extension arm("F" or alley arm)	Communication	500		
82-D Cable arm w/ 1 cable, transferring, raising, or lowering -Additional cable (on separate messenger) on same arm	Communication	511		
NOTE: The above prices do not include cable terminals.				
83-A Cable attached direct to pole (complete)	Communication	280		
83-B Cable attached (additional work required) (new item)	Communication	248		
84-A Messenger reinforcing units-Strap each	Communication	263		
84-B Messenger reinforcing units-Link each	Communication	263		
85-A Messenger without cable-transferring, raising, or lowering-single wood arm	Communication	320		
85-B Messenger without cable-transferring, raising, or lowering-Double wood arm	Communication	380		
85-C Messenger without cable-transferring, raising, or lowering-Extension arm("F" or alley arm)	Communication	360		
85-D Messenger without cable-transferring, raising, or lowering-Direct to Pole	Communication	348		
86-Messenger dead end, all sizes-with or without cable	Communication	326		
87-A Cable Terminal transfer (pole to pole, no splicing)-Distribution Cable terminal (25x - 50x)	Communication	281		
87-B Cable Terminal transfer (pole to pole, no splicing)-Feeder Distribution Interface	Communication	418		
87-C Cable Terminal transfer (pole to pole, no splicing)-Pole seat or balcony	Communication	341		
88-Multiple Distribution Wire terminal Transfer	Communication	259		
<b>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):</b>				
89-A Cable terminal replacement - All types terminals except Ready Access 25 pair or less	Communication	336		
89-B Cable terminal replacement Ready Access 24 Pair or less	Communication	336		
89-C Cable terminal replacement- Ready Access 24 Pair - 50 Pair	Communication	620		
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	576		
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	309		
91-B Cable Splicing/per splice/per pair=25 pr	Communication	312		
91-C Cable Splicing/per splice/per pair=50 pr	Communication	371		
91-D Cable Splicing/per splice/per pair=100 pr	Communication	533		
91-E Cable Splicing/per splice/per pair=200 pr	Communication	817		

Item Number	Power or Communication or Both	2021-2022 PRICE (Formula)	COMBINE/ CONSOLIDATE?	NEW ITEM TITLE (ITEM NAME)
<b>91-F</b> Cable Splicing/per splice/per pair=300 pr	Communication	1138		
<b>91-G</b> Cable Splicing/per splice/per pair=400 pr	Communication	1324		
<b>91-H</b> Cable Splicing/per splice/per pair=600 pr	Communication	1917		
<b>91-I</b> Cable Splicing/per splice/per pair=700 pr	Communication	2219		
<b>91-J</b> Cable Splicing/per splice/per pair=800 pr	Communication	2538		
<b>91-K</b> Cable Splicing/per splice/per pair=900 pr	Communication	2818		
<b>91-L</b> Cable Splicing/per splice/per pair=1200 pr	Communication	3787		
<b>Note:</b> Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. <b>NOTE:</b> 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.				
<b>92 -</b> Cable risers, including pipe and molding each	Communication	358		
<b>93 -</b> 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)				
<b>94-A-1</b> Fiber Optic Splicing/testing Fusion-24 strand	Communication	1535		
<b>94-A-2</b> Fiber Optic Splicing/testing Fusion-48 strand	Communication	2484		
<b>94-A-3</b> Fiber Optic Splicing/testing Fusion-60 strand	Communication	3159		
<b>94-A-4</b> Fiber Optic Splicing/testing Fusion-72 strand	Communication	3641		
<b>94-A-5</b> Fiber Optic Splicing/testing Fusion-96 strand	Communication	4750		
<b>94-A-6</b> Fiber Optic Splicing/testing Fusion-144 strand	Communication	6606		
<b>94-A-7</b> Fiber Optic Splicing/testing Fusion-288 strand	Communication	12487		
<b>94-A-8</b> Any size above and beyond by special agreement Section 1.2				
<b>97-</b> Transfer meter curcuit breaker box/disconnect box	Communication	696		
<b>109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed:</b> Specify under this item number the nature thereof and the agreed cost under Section 1.2.				