

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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January 19, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 2:19 pm at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Larry Chow – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Mr. Scott Hunter – City of Los Angeles – DWP
Mr. Steve Brown – City of Los Angeles – DWP
Mr. William Kearns – Verizon California
Mr. Ed Loescher – Verizon California
Mr. Bret Plaskey – Verizon California
Mr. Josh Mathisen – AT&T California
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Ms. Shawn Henderson – T-Mobile USA
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Erica Sanchez - Extenet
Ms. Angela Pranata – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Mr. Earle Carrion- Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

The meeting commenced at 2:19 p.m.

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

Agenda Item 2 – Review of Pole Prices Matrix (for 2016): Mr. Chow informed the committee Edison is still working on their H Class Pole Prices. Edison would be willing to go ahead with the Class 2 pole prices they’ve submitted but would like the right to add the H class pole prices once

complete. After some discussion the committee agreed to wait for Edison to submit their H class process before finalizing 2016 Pole Prices.

Agenda Item 3 – Authorized Cost Study (Kay Black, AT&T California): Edison completed Ms. Black’s study on item 9. The committee then reviewed the information submitted by Edison. Ms. Black informed the committee of the process they’ve agreed upon in the north. They first made a list of all problematic Authorized Costs and decided to address two items at each meeting. The first two items on their list are helicopter and crane sets. Ms. Black asked Mr. Chow how fees for a helicopter set are calculated. Mr. Chow explained Edison’s air operations. Edison owns their own fleet and they charge anybody X amount of dollars per hour. The same charges that apply to Edison would apply to any other utility using the fleet. Mr. Chow then explained the only thing that can be done with the helicopter is the set of the pole, there is nothing else being done by helicopter. Ms. Black explained to the committee, in order for AT&T and other companies to approve these charges they need to have more detail submitted to them to obtain a better understanding of helicopter and crane sets. Mr. Chow informed the committee of his goal to have to committee come to an agreement on whether or not these charges are appropriate. The fact is, when Edison sets a pole they are doing so in the most cost efficient way possible. Mr. Mathisen explained AT&T issues with crane sets, as oppose to helicopter sets, is there’s much more work being done. A crane set almost always includes transfers and most of the time spent on site is not for the benefit of the com. Mr. Mathisen then informed Mr. Chow he would talk to his people about kicking back Edison’s helicopter set charges. Mr. Chow explained to the committee that helicopter and crane charges vary on a case to case basis. Mr. Kearns asked Mr. LaBarge if he could provide examples of helicopter and crane sets to help the committee come up with definitions. Mr. LaBarge informed Mr. Kearns he would have no problem doing so, but the committee would have to keep in mind this would not cover all cases. Section 1.2 would still apply when needed. Ms. Black informed the committee she would send Ms. Pranata a study for helicopter and crane sets to get out to all members. The goal is to provide definitions that can be discussed and agreed upon at next month’s meeting. The committee then reviewed Edison’s study for accessible and inaccessible crane charges. Ms. Black asked for clarification on why public pricing is not available. Mr. Chow explained Edison’s invoices have proprietary pricing. Ms. Black then asked if it would be too much trouble to provide more details instead of pricing. For example: Hoe many trucks were used, how many hours, what exactly was done, pictures or even video. Mr. LaBarge provided the committee with images of a crane set that had to be done due to the pole being set in a “no fly zone”. Mr. Chow then provided a video of a helicopter set. The committee agreed to complete Ms. Black’s helicopter and crane set study before next month’s meeting.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Mr. Chow asked to add a new item number for discussion at next month’s meeting.

He would like to discuss the possibility of members submitting their own Authorized Costs.

Review of Action Items:

- Committee will wait for Edison to submit their H pole prices before finalizing/voting on 2016 Pole Prices.
- Ms. Black to send Ms. Pranata study on helicopter and crane sets for distributions to all committee members.
- New item added to February's agenda to discuss members submitting their own Authorized Costs.

The ad hoc meeting adjourned at 3:17 p.m. The next meeting is scheduled for February 16, 2016.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
ATC		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	6	3750	16705
TCA		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	1	625	2784
SPR		55.00	6.00	12.00	990.00	625.00	**	441.00	78.00	148.50	2283	1	625	2283
FON		55.00	6.00	12.00	990.00	625.00	**	441.00	78.00	148.50	2283	1	625	2283
NXT		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	1	625	2784
V	2	92.58	1.00	4.00	462.9	410.00		41	416	200	100	2	820	3260
											0	0	0	0
	Salvage	589												
										TOTALS	14547	12	7070	30098
									Wgt Ave		2508		589	

2015 PRICE	PROP. 2016	% CHG.
2447	2508	2

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
ATC		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
TCA		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
SPR		55.00	8.00	14.00	1210.00	728.00	**	539.00	78.00	181.50	2737	1	728	2737
FON		55.00	8.00	14.00	1210.00	728.00	**	539.00	78.00	181.50	2737	1	728	2737
NXT		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
V	1	92.58	1.00	4.00	462.9	570.00		57	416	200	100	2	1140	3612
											0	0	0	0
	Salvage	683												
										TOTALS	17380	7	4780	19186
									Wgt Ave		2741		683	

2015 PRICE	PROP. 2016	% CHG.
3207	2741	-15

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL		
CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS			
ATC		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104	ATC	
TCA		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104	TCA	
SPR		55.00	8.00	18.00	1430.00	985.00	**	637.00	78.00	214.50	3345	1	985	3345	SPR	
FON		55.00	8.00	18.00	1430.00	985.00	**	637.00	78.00	214.50	3345	1	985	3345	FON	
NXT		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104	NXT	
V	1	92.58	1.00	5.00	555.48	750.00		75	416	200	100	2096	7	5250	14675	V
											0	0	0	0		
	Salvage	848														
										TOTALS	21097	12	10175	33675		
										Wgt Ave	2806		848			

2015	PROP.	%
PRICE	2016	CHG.
3505	2806	-20

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen						
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL		
CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS			
ATC		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	6	6150	27741	ATC	
TCA		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	1	1025	4624	TCA	
SPR		55.00	10.00	20.00	1650.00	1025.00	**	735.00	78.00	247.50	3736	4	4100	14942	SPR	
FON		55.00	10.00	20.00	1650.00	1025.00	**	735.00	78.00	247.50	3736	1	1025	3736	FON	
NXT		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	1	1025	4624	NXT	
V	H2	92.58	1.00	8.00	833.22	1450.00		145	416	200	100	3144	11	15950	34586	V
											0	0	0	0		
	Salvage	1220														
										TOTALS	24486	24	29275	90252		
										Wgt Ave	3760		1220			

2015	PROP.	%
PRICE	2016	CHG.
4103	3760	-8

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

55' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS				
ATC		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	ATC			
TCA		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	TCA			
SPR		55.00	10.00	26.00	1980.00	1530.00	**	882.00	78.00	297.00	4767	1	1530	4767	SPR			
FON		55.00	10.00	26.00	1980.00	1530.00	**	882.00	78.00	297.00	4767	1	1530	4767	FON			
NXT		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	NXT			
V	H2	92.58	1.00	8.00	833.22	1500.00		150	416	200	100	3199	11	16500	35191	V		
											0	0	0	0				
	Salvage	1509																
										TOTALS	30278	16	24150	62270				
									Wgt Ave		3892		1509					

2015 PRICE	PROP. 2016	% CHG.
4406	3892	-12

60' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS				
ATC		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00	7058	1	2100	7058	ATC			
TCA		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00	7058	1	2100	7058	TCA			
SPR		65.00	10.00	30.00	2600.00	2100.00	**	1140.00	78.00	390.00	6308	1	2100	6308	SPR			
FON		65.00	10.00	30.00	2600.00	2100.00	**	1140.00	78.00	390.00	6308	1	2100	6308	FON			
NXT		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00		1			NXT			
V	H2	92.58	1.00	8.00	833.22	1900.00		190.00	548.00	200.00	100.00	3771	9	17100	33941	V		
											0	0	0	0				
	Salvage	1821																
										TOTALS	30503	14	25500	60673				
									Wgt Ave		4334		1821					

2015 PRICE	PROP. 2016	% CHG.
4893	4334	-11

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

65' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	SPR
FON		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	FON
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763	V
											0	0	0	0	
	Salvage	1653									TOTALS	16680	3	4960	16680
									Wgt Ave		5560			1653	

2015	PROP.	%
PRICE	2016	CHG.
5242	5560	6

70' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	SPR
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	FON
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106	V
	Salvage	2540									TOTALS	22152	3	7620	22152
									Wgt Ave		7384			2540	

2015	PROP.	%
PRICE	2016	CHG.
7693	7384	-4

75' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	SPR
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	FON
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	1	2200	4405	V
	Salvage	2567									TOTALS	22451	3	7700	22451
									Wgt Ave		7484				

2015	PROP.	%
PRICE	2016	CHG.
7980	7484	-6

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

80' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		83.00	30.00	60.00	7470.00	3500.00	**	2925.00	78.00	1120.50	15094	1	3500	15094	
FON		83.00	30.00	60.00	7470.00	3500.00	**	2925.00	78.00	1120.50	15094	1	3500	15094	
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230	
	Salvage	3317													
											TOTALS	35417	3	9950	35417
									Wgt Ave		11806				
	2015	PROP.	%												
	PRICE	2016	CHG.												
	8787	11806	34												

85' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		83.00	30.00	66.00	7968.00	4200.00	**	3120.00	78.00	1195.20	16561	1	4200	16561	
FON		83.00	30.00	66.00	7968.00	4200.00	**	3120.00	78.00	1195.20	16561	1	4200	16561	
	Salvage	4200													
											TOTALS	33122	2	8400	33122
									Wgt Ave		16561				
	2015	PROP.	%												
	PRICE	2016	CHG.												
	9451	16561	75												

90' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		83.00	40.00	70.00	9130.00	4670.00	**	4400.00	78.00	1369.50	19648	1	4670	19648	
FON		83.00	40.00	70.00	9130.00	4670.00	**	4400.00	78.00	1369.50	19648	1	4670	19648	
	Salvage	4670													
											TOTALS	39295	2	9340	39295
									Wgt Ave		19648				
	2015	PROP.	%												
	PRICE	2016	CHG.												
	10779	19648	82												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687
FON		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687
											0		0	0
	Salvage	6000												
										TOTALS	47373	2	12000	47373
									Wgt Ave		23687			

2015 PRICE	PROP. 2016	% CHG.
10779	23687	120

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741
FON		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741
											0		0	0
	Salvage	7000												
										TOTALS	53482	2	14000	53482
									Wgt Ave		26741			

2015 PRICE	PROP. 2016	% CHG.
12663	26741	111

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750
FON		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750
											0		0	0
	Salvage	8000												
										TOTALS	59500	2	16000	59500
									Wgt Ave		29750			

2015 PRICE	PROP. 2016	% CHG.

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

0 29750 #DIV/0!

NOTES:

- ATC Supply expense included in column material cost (FOB)
- TCA Supply expense included in column material cost (FOB)
- SPR Supply expense included in column material cost (FOB)
- FON Supply expense included in column material cost (FOB)

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.5	12	2174.23	215.48	64.64	186.94	191.88	1419.67	4253
										Salvage	215
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4429	4253	-4								

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	12.00	2174.23	302.17	90.65	186.94	191.88	1419.67	4366
										Salvage	302
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4540	4366	-4								

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	12.00	2174.23	358.13	107.44	186.94	191.88	1419.67	4438
										Salvage	358
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4661	4438	-5								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	13.00	2280.29	672.10	201.63	186.94	191.88	1483.30	5016
										Salvage	672

2015	PROP.	%
PRICE	2016	CHG.
4995	5016	0

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
	2	92.58	1	4	462.9	410	41	416	200	100	1629.9
MP	3	106.06	8.50	13.00	2280.29	812.71	243.81	186.94	191.88	1483.30	5199
										Salvage	813

2013	PROP.	%
PRICE	2014	CHG.
5147	5199	1

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	3	106.06	8.50	14.00	2386.35	934.39	280.32	186.94	191.88	1546.94	5527
										Salvage	934

2015	PROP.	%
PRICE	2016	CHG.
5300	5527	4

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1083.48	325.04	186.94	191.88	1546.94	5721
										Salvage	1083

2015	PROP.	%
PRICE	2016	CHG.
5479	5721	4

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1257.10	377.13	186.94	191.88	1546.94	5946
										Salvage	1257
		2015	PROP.	%							
		PRICE	2016	CHG.							
		5726	5946	4							

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1312.78	393.83	186.94	191.88	1546.94	6019
										Salvage	1313
		2013	PROP.	%							
		PRICE	2014	CHG.							
		5916	6019	2							

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1891.50	567.45	186.94	191.88	1610.57	6835
										Salvage	1892
		2015	PROP.	%							
		PRICE	2016	CHG.							
		6519	6835	5							

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	2214.15	664.25	186.94	191.88	1610.57	7254
										Salvage	2214
		2015	PROP.	%							
		PRICE	2016	CHG.							
		6894	7254	5							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2394.68	718.40	186.94	191.88	1674.21	7765
										Salvage	2395
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7117	7765	9							

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	266.43	798.13	186.94	191.88	1674.21	5716
										Salvage	266
		2013	PROP.	%							
		PRICE	2014	CHG.							
		7448	5716	-23							

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2967.56	890.27	186.94	191.88	1674.21	8509
										Salvage	2968
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7829	8509	9							

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	3596.25	1078.88	186.94	191.88	1674.21	9327
										Salvage	3596
		2015	PROP.	%							
		PRICE	2016	CHG.							
		8607	9327	8							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 CITY OF PASADENA
 JOINT **WOOD** POLE PRICES FOR 2016

100' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &	
MEMBER	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	H1	106.06	8.50	16.00	2598.47	4054.70	1216.41	186.94	191.88	1674.21	9923
										Salvage	4055
		2015 PRICE	PROP. 2016	% CHG.							
		9223	9923	8							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF LOMPOC (LLW)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LLW	3	150.00	4.00	6.00	1500.00	275.00	22.00	375.00	(*)	(*)	2172
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3054	2172	-29								

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LLW	3	150.00	4.00	6.00	1500.00	384.00	30.72	375.00	(*)	(*)	2290
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3627	2290	-37								

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LLW	3	150	4	12	2400	420	33.6	600	(*)	(*)	3454
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3666	3454	-6								

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LLW	3	150.00	4.00	8.00	1800.00	641.00	51.28	450.00	(*)	(*)	2942
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3312	2942	-11								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF LOMPOC (LLW)
 JOINT **WOOD** POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LLW	3	150.00	4.00	8.00	1800.00	694.00	55.52	450.00	(*)	(*)	3000

2015	PROP.	%
PRICE	2016	CHG.
3520	3000	-15

Note: Engineering/Planning and Gen&Admin included in loaded labor rate

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
JOINT WOOD POLE PRICES FOR 2016

	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
H	3	120.00	1.00	12.00	1560.00	400.00			142.00	71.00	2173

2015	PROP.	%
PRICE	2016	CHG.
2125	2173	2

45' POLE	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	ENG	Gen	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
H	3	120.00	1.00	12.00	1560.00	467.00			142.00	71.00	2240

2015	PROP.	%								
2	92.58	1	4	462.9	410	41	416	200	100	1630
2191	2240	2								

50' POLE	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	ENG	Gen	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
H	3	120.00	1.00	12.00	1560.00	618.00			142.00	71.00	2391

2015	PROP.	%
PRICE	2016	CHG.
2339	2391	2

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
 JOINT **WOOD** POLE PRICES FOR 2016

MEMBER	A.S.A CLASS	LOADED	NO. OF HOURS		LOADED	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG	Gen	TOTAL
		LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS				and PLNG	& Adm	
H	3	120.00	1.00	15.00	1920.00	723.00			142.00	71.00	2856

2015 PRICE	PROP. 2016	% CHG.
2806	2856	2

H/T Supply expense, equipment expense, general&admin, included in column loaded labor rate

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790

2015	PROP.	%
PRICE	2016	CHG.
1787	1790	0

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	619.17	247.67	*	N/A	174.64	1976

2015	PROP.	%
PRICE	2016	CHG.
1976	1976	0

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166

2015	PROP.	%
PRICE	2016	CHG.

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887

2015	PROP.	%
PRICE	2016	CHG.
2887	2887	0

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354
	2	92.58	1	4	462.9	410	41	416	200	100	1630

2015	PROP.	%
PRICE	2016	CHG.
3354	3354	0

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	16.00	1785.00	1356.44	542.57	*	N/A	333.40	4017
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4017	4017	0								

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	333.40	4247
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4247	4247	0								

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC	2	85.00	5.00	20.00	2125.00	1693.64	677.45	*	N/A	396.90	4893
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4893	4893	0								

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242
	2015	PROP.	%								
	PRICE	2016	CHG.								
	5242	5242	0								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 AT & T MOBILITY (LAC)
 JOINT **WOOD** POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693

2015	PROP.	%
PRICE	2016	CHG.
7693	7693	0

Note: Equipment expense included in loaded labor rate
 Pole Prices for 75'-100' are not available

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
SCW	3	93.50	1.00	4.00	467.50	469.09	0.00	489.60	206.04	446.60	2079
	2015	PROP.	%								
	PRICE	2016	CHG.								
	2046	2079									

	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
SCW	1	93.50	1.00	4.00	467.50	578.01	0.00	489.60	206.04	446.60	2188
	2015	PROP.	%								
	PRICE	2016	CHG.								
	2153	2188									

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
SCW	1	93.50	1.00	5.00	561.00	816.77	0.00	489.60	206.04	446.60	2520
	2015	PROP.	%								
		2016									
	2479	2520									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
SCW	H3	93.50	1.00	8.00	841.50	1876.13	0.00	489.60	206.04	446.60	3860
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3796	3860	2								

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
	2	92.58	1	4	462.9	410	41	416	200	100	1629.9
SCW	H4	93.50	1.00	8.00	841.50	1667.80	0.00	489.60	206.04	446.60	3652
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3591	3652	2								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
SCW	H4	93.50	1.00	8.00	841.50	1836.00	0.00	558.96	206.04	446.60	3889
	2015	PROP.	%								
	PRICE	2016	CHG.								
	3824	3889	2								

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
SCW	H4	93.50	1.00	8.50	888.25	2327.64	0.00	558.96	206.04	446.60	4427
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4353	4427	2								

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

SCJPC Member Utility submitting:

Los Angeles Department of Water & Power

Weighted Average

Individual Costs

XXXXXXXX

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

2016

		1	2	3	4	5	6	7	8	9	10	11		
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (2016) (\$)	2015 price	% of Change	
35'	3	138.27	4	14.65	2578.74	428.00	89.88	193.76	138.21	19.36	3448	3811	-9.53%	
40'	3	138.27	4	14.65	2578.74	522.00	109.62	193.76	138.21	19.36	3562	3919	-9.12%	
45'	2	138.27	4	14.65	2578.74	709.00	148.89	193.76	138.21	19.36	3788	4134	-8.37%	
50'	2	138.27	4	14.65	2578.74	822.00	172.62	193.76	138.21	19.36	3925	5176	-24.18%	
50'	H3	138.27	4	14.65	2578.74	1615.00	339.15	193.76	138.21	19.36	4884		#DIV/0!	
55'	2	138.27	4	14.65	2578.74	964.00	202.44	193.76	138.21	19.36	4097	5518	-25.76%	
55'	H3	138.27	4	14.65	2578.74	1912.00	401.52	193.76	138.21	19.36	5244		#DIV/0!	
60'	2	138.27	4	14.65	2578.74	1117.00	234.57	193.76	138.21	19.36	4282	4604	-7.00%	
65'	2	138.27	4	16.25	2799.97	1322.00	277.62	214.93	138.21	19.36	4772	5110	-6.61%	
70'	2	138.27	4	16.25	2799.97	1453.00	305.13	214.93	138.21	19.36	4931	6821	-27.71%	
70'	H3	138.27	4	16.25	2799.97	2810.00	590.10	214.93	138.21	19.36	6573		#DIV/0!	
75'	2	138.27	4	16.25	2799.97	1704.00	357.84	214.93	138.21	19.36	5234	5549	-5.67%	
80'	2	138.27	4	16.25	2799.97	1950.00	409.50	214.93	138.21	19.36	5532	5832	-5.14%	
85'	2	138.27	4	16.25	2799.97	2191.00	460.11	214.93	138.21	19.36	5824	6109	-4.67%	
90'	2	138.27	4	16.25	2799.97	2576.00	540.96	214.93	138.21	19.36	6289	6552	-4.01%	
95'	2	138.27	4	16.25	2799.97	2906.00	610.26	214.93	138.21	19.36	6689	6931	-3.50%	
100'	2	138.27	4	16.25	2799.97	3308.00	694.68	214.93	138.21	19.36	7175	7394	-2.96%	
110'	2	138.27	4	16.25	2799.97	4993.00	1048.53	214.93	138.21	19.36	9214	9331	-1.25%	

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

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF 1 piece) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

**** Weighted Average Individual Costs XXXXXXXX

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

2016

		1	2	3	4	5	6	7	8	9	10	11		
Pole Length	GLM Capacity	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	2015 price	% of Change	
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
40'	115,000f t-lbs	138.27	4	14.65	2578.74	1318.90	276.97	193.76	138.21	19.36	4526	4843	-6.55%	
45'	115,000f t-lbs	138.27	4	14.65	2578.74	1495.40	314.03	193.76	138.21	19.36	4739	5183	-8.56%	
50'	115,000f t-lbs	138.27	4	14.65	2578.74	1894.40	397.82	193.76	138.21	19.36	5222	5508	-5.19%	

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CM 2 pcs) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

	1	2	3	4	5	6	7	8	9	10	11		
Pole Length	GLM Capacity	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 (\$)	2015 price	% of Change
40'	96,500 ft-lbs	138.27	4	14.65	2578.74	2676.24	562.01	193.76	138.21	19.36	6168	6499	-5.09%
45'	97,500 ft-lbs	138.27	4	14.65	2578.74	2803.19	588.67	193.76	138.21	19.36	6322	6765	-6.55%
50'	101,300 ft lbs	138.27	4	14.65	2578.74	2909.84	611.07	193.76	138.21	19.36	6451	6723	-4.05%
55'	136,000 ft-lbs	138.27	4	14.65	2578.74	3015.47	633.25	193.76	138.21	19.36	6579	N/A	#VALUE!
60'	150,000 ft-lbs	138.27	4	14.65	2578.74	3163.76	664.39	193.76	138.21	19.36	6758	N/A	#VALUE!

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change
		0.00	0	0.00	0.00						0		
30'	230,000 ft-lbs	138.27	4	14.65	2578.74	2146.07	450.67	193.76	138.21	19.36	5527	6957	-20.56%
50'	170,000 ft-lbs	138.27	4	14.65	2578.74	2411.20	506.35	193.76	138.21	19.36	5848	6771	-13.64%
55'	189,300 ft-lbs	138.27	4	14.65	2578.74	3340.06	701.41	193.76	138.21	19.36	6972	7810	-10.74%
60'	208,000 ft-lbs	138.27	4	14.65	2578.74	3553.90	746.32	193.76	138.21	19.36	7230	8295	-12.84%
65'	226,700 ft-lbs	138.27	4	16.25	2799.97	3771.60	792.04	214.93	138.21	19.36	7736	8841	-12.50%
70'	245,000 ft-lbs	138.27	4	16.25	2799.97	4190.56	880.02	214.93	138.21	19.36	8243	9095	-9.37%
70' Heavy	318,600 ft-lbs	138.27	4	16.25	2799.97	4426.64	929.59	214.93	138.21	19.36	8529	9376	-9.04%
75'	264,000 ft-lbs	138.27	4	16.25	2799.97	4499.21	944.83	214.93	138.21	19.36	8617	9540	-9.68%
75' Heavy	343,000 ft-lbs	138.27	4	16.25	2799.97	4723.69	991.97	214.93	138.21	19.36	8888	9931	-10.50%
80'	282,000 ft-lbs	138.27	4	16.25	2799.97	4408.23	925.73	214.93	138.21	19.36	8506	9742	-12.68%
80' Heavy	367,000 ft-lbs	138.27	4	16.25	2799.97	4717.06	990.58	214.93	138.21	19.36	8880	9802	-9.41%
85'	301,600 ft-lbs	138.27	4	16.25	2799.97	4602.57	966.54	214.93	138.21	19.36	8742	10938	-20.08%
90'	320,000 ft-lbs	138.27	4	16.25	2799.97	4946.03	1038.67	214.93	138.21	19.36	9157	10028	-8.68%
100'	357,800 ft-lbs	138.27	4	16.25	2799.97	5548.29	1165.14	214.93	138.21	19.36	9886	11990	-17.55%
110'	395,000 ft-lbs	138.27	4	16.25	2799.97	7093.39	1489.61	214.93	138.21	19.36	11755	16975	-30.75%

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

SCJPC Member Utility submitting: **Los Angeles Department of Water and Power**

***** Weighted Average Individual Costs

The salvage value is based on the cost F.O.B. prescribed formula (Column 6) **2016**

		1	2	3	4	5	6	7	8	9	10	11		
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	
35'	2	138.27	4	8.70	1756.03	4089.00	858.69	193.76	138.21	19.36	7055	7075	-0.28%	
50'	H-5	138.27	4	8.70	1756.03	3995.00	838.95	193.76	138.21	19.36	6941	6967	-0.37%	
60'	H-1	138.27	4	8.70	1756.03	4189.00	879.69	193.76	138.21	19.36	7176	7190	-0.19%	
70'	H-4	138.27	4	11.90	2198.49	4314.00	905.94	193.76	138.21	19.36	7770	2913	166.73%	

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron (DI) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	GLM Capacity	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	2015 price	% of Change
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
50'	98,600 ft-lbs	138.27	4	14.65	2578.74	2390.84	502.08	193.76	138.21	19.36	5823	6156	-5.41%
50' Heavy	143,900 ft-lbs	138.27	4	14.65	2578.74	1974.07	414.55	193.76	138.21	19.36	5319	5812	-8.49%
55'	133,100 ft-lbs	138.27	4	14.65	2578.74	2544.33	534.31	193.76	138.21	19.36	6009	6334	-5.14%
55' Heavy	221,800 ft-lbs	138.27	4	14.65	2578.74	3736.70	784.71	193.76	138.21	19.36	7451	7986	-6.69%

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

SCJPC Member Utility submitting: **Southern California Edison**

Person completing worksheet: **Larry Chow**

Call Back Telephone Number & Email: **909 548 7018 larry.chow@sce.com**

***** Weighted Average **NO** Individual Costs **YES**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6) **2016**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6)											2016		
1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 8.55%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 14.05%	Total Cost	2015 price	% of Change
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'	5	217.25	4.00	8.20	2650.45	243.96	20.86	*	217.25	440.12	3572.64	3582	-0.26%
30'	5	217.25	4.00	8.20	2650.45	326.50	27.92	*	217.25	452.06	3674.18	3675	-0.02%
35'	3	217.25	4.00	8.20	2650.45	566.23	48.41	*	217.25	488.57	3970.92	3949	0.55%
40'	2	217.25	4.00	10.40	3128.40	850.44	72.71	*	217.25	598.91	4867.72	4842	0.53%
45'	2	217.25	4.00	10.40	3128.40	1088.98	93.11	*	217.25	635.24	5162.98	5092	1.39%
50'	2	217.25	4.00	10.40	3128.40	1288.06	110.13	*	217.25	665.56	5409.40	5340	1.30%
55'	2	217.25	4.00	10.40	3128.40	1407.91	120.38	*	217.25	683.81	5557.75	5534	0.43%
60'	1	217.25	4.00	10.40	3128.40	1970.39	168.47	*	217.25	769.48	6253.98	6219	0.56%
65'	1	217.25	4.00	12.60	3606.35	2374.71	203.04	*	217.25	898.11	7299.46	7277	0.31%
70'	1	217.25	4.00	12.60	3606.35	2702.62	231.07	*	217.25	948.05	7705.34	7697	0.11%
75'	1	217.25	4.00	12.60	3606.35	3086.52	263.90	*	217.25	1006.51	8180.53	8043	1.71%
80'	1	217.25	4.25	12.60	3660.66	3425.34	292.87	*	217.25	1065.74	8661.85	8681	-0.22%
85'	1	217.25	4.25	12.60	3660.66	3366.81	287.86	*	217.25	1056.82	8589.41	8512	0.91%
90'	1	217.25	4.25	15.50	4290.69	4231.05	361.75	*	217.25	1276.83	10377.58	9914	4.68%
95'	1	217.25	4.25	15.50	4290.69	4164.27	356.05	*	217.25	1266.66	10294.92	10339	-0.43%
100'	1	217.25	4.25	15.50	4290.69	4522.97	386.71	*	217.25	1321.29	10738.91	10790	-0.47%
105'	1	217.25	4.25	15.50	4290.69	3069.39	262.43	*	217.25	1099.92	8939.68	11253	-20.56%
110'	1	217.25	4.25	15.50	4290.69	4778.46	408.56	*	217.25	1360.20	11055.16	11521	-4.04%

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

SCJPC Member Utility submitting: **Southern California Edison**

Person completing worksheet: **Larry Chow**

Call Back Telephone Number & Email: **909 548 7018 larry.chow@sce.com**

***** Weighted Average **NO** Individual Costs **YES**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6) **2016**

1	2	3	4	5	6	7	8	9	10	11			
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 8.55%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 14.05%	Total Cost	2015 price	% of Change
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'	***	***	***	***	***	***	***	***	***	***	***		
30'	5	217.25	4.00	8.20	2650.45	889.69	76.07	***	217.25	538.60	4372.06	4271	2.37%
35'	5	217.25	4.00	8.20	2650.45	1715.78	146.70	***	217.25	664.59	5394.77	5265	2.46%
40'	5	217.25	4.00	10.40	3128.40	1976.21	168.97	***	217.25	771.46	6262.29	6112	2.46%
45'	4	217.25	4.00	10.40	3128.40	2127.65	181.91	***	217.25	794.56	6449.77	6295	2.46%
50'	3	217.25	4.00	10.40	3128.40	2607.71	222.96	***	217.25	867.77	7044.09	6872	2.50%
55'	3	217.25	4.00	10.40	3128.40	2975.66	254.42	***	217.25	923.89	7499.62	7315	2.52%
60'	2	217.25	4.00	10.40	3128.40	5882.89	502.99	***	217.25	1367.28	11098.81	10814	2.63%
65'	H3	217.25	4.00	12.60	3606.35	5432.83	464.51	***	217.25	1365.79	11086.73	10806	2.60%
70'	H3	217.25	4.00	12.60	3606.35	5437.56	464.91	***	217.25	1366.51	11092.58	10812	2.60%
75'	***	***	***	***	***	***	***	***	***	***	***		
80'	***	***	***	***	***	***	***	***	***	***	***		
85'	***	***	***	***	***	***	***	***	***	***	***		
90'	***	***	***	***	***	***	***	***	***	***	***		
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.

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel (LS) Pole Set/ Replacement

SCJPC Member Utility submitting: **Southern California Edison**

Person completing worksheet: **Larry Chow**

Call Back Telephone Number & Email: **909 548 7018 larry.chow@sce.com**

***** Weighted Average **NO** Individual Costs **YES**

The salvage value is based on the cost F.O.B. prescribed formula (Column 6) **2016**

											1	2	3	4	5	6	7	8	9	10	11		
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense 8.55%	Equipment Expense	1 Hour Engineering & Planning	General & Admin 14.05%	Total Cost	2015 price	% of Change										
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)												
		***	***	***	***	***	***	***	***	***	***												
30'	***	***	***	***	***	***	***	***	***	***	***												
35'	***	***	***	***	***	***	***	***	***	***	***												
40'	H5	217.25	4.00	10.40	3128.40	3526.65	301.53	410.00	217.25	1065.53	8649.36	7981	8.37%										
45'	H5	217.25	4.00	10.40	3128.40	3906.79	334.03	410.00	217.25	1123.50	9119.97	8439	8.07%										
50'	1	217.25	4.00	10.40	3128.40	3393.17	290.12	580.00	217.25	1069.06	8677.99	7821	10.96%										
55'	1	217.25	5.00	10.40	3345.65	3833.91	327.80	580.00	217.25	1166.80	9471.41	8594	10.21%										
60'	1	217.25	5.00	10.40	3345.65	4289.82	366.78	580.00	217.25	1236.33	10035.83	9142	9.78%										
65'	1	217.25	5.00	12.60	3823.60	4078.38	348.70	850.00	217.25	1309.17	10627.10	9962	6.68%										
70'	1	217.25	5.00	12.60	3823.60	4301.70	367.80	850.00	217.25	1343.23	10903.57	10260	6.27%										
75'	1	217.25	5.00	12.60	3823.60	4695.21	401.44	790.00	217.25	1394.81	11322.31	10787	4.96%										
80'	1	217.25	5.00	12.60	3823.60	4935.54	421.99	790.00	217.25	1431.47	11619.85	11107	4.62%										
85'	1	217.25	5.00	12.60	3823.60	5182.70	443.12	1000.00	217.25	1498.67	12165.34	11141	9.19%										
90'	1	217.25	5.00	15.50	4453.63	5442.43	465.33	1230.00	217.25	1659.11	13467.75	12487	7.85%										
95'	1	217.25	5.00	15.50	4453.63	5708.63	488.09	1230.00	217.25	1699.71	13797.30	12843	7.43%										
100'	1	217.25	5.00	15.50	4453.63	5838.00	499.15	1230.00	217.25	1719.44	13957.47	13013	7.26%										
105'	1	217.25	5.00	15.50	4453.63	6061.68	518.27	1230.00	217.25	1753.56	14234.39	13311	6.94%										
110'	1	217.25	5.00	15.50	4453.63	6947.10	593.98	1230.00	217.25	1888.59	15330.55	14498	5.74%										

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

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

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

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

SCJPC Member Utility submitting: Verizon

Person completing worksheet: William Kearns

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

***** Weighted Average Individual Costs XXXXXXXX

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

1 2 3 4 5 6 7 8 9 10 11

Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	2015 price	% of Change
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'	2	72	8	11	1372	356	31	*	92	28	1,880	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	11	1372	297	25	*	92	28	1,815	No 2015 individual price. VZ was included in the 2015 weighted average	
	4	72	8	11	1372	251	21	*	92	28	1,764	No 2015 individual price. VZ was included in the 2015 weighted average	
	5	72	8	11	1372	220	19	*	92	28	1,731	No 2015 individual price. VZ was included in the 2015 weighted average	
30'	2	72	8	11	1372	474	41	*	92	28	2,008	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	11	1372	391	33	*	92	28	1,916	No 2015 individual price. VZ was included in the 2015 weighted average	
	4	72	8	11	1372	344	29	*	92	28	1,866	No 2015 individual price. VZ was included in the 2015 weighted average	
	5	72	8	11	1372	289	25	*	92	28	1,807	No 2015 individual price. VZ was included in the 2015 weighted average	
35'	2	72	8	11	1372	569	49	*	92	28	2,110	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	11	1372	487	42	*	92	28	2,021	No 2015 individual price. VZ was included in the 2015 weighted average	
	4	72	8	11	1372	441	38	*	92	28	1,971	No 2015 individual price. VZ was included in the 2015 weighted average	
	5	72	8	11	1372	336	31	*	92	28	1,859	No 2015 individual price. VZ was included in the 2015 weighted average	
40'	2	72	8	11	1372	712	61	*	92	28	2,265	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	11	1372	617	51	*	92	28	2,161	No 2015 individual price. VZ was included in the 2015 weighted average	
	4	72	8	11	1372	553	45	*	92	28	2,090	No 2015 individual price. VZ was included in the 2015 weighted average	
	5	72	8	11	1372	450	39	*	92	28	1,981	No 2015 individual price. VZ was included in the 2015 weighted average	
45'	2	72	8	11	1372	868	74	*	92	28	2,434	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	11	1372	800	67	*	92	28	2,359	No 2015 individual price. VZ was included in the 2015 weighted average	
	4	72	8	11	1372	643	55	*	92	28	2,190	No 2015 individual price. VZ was included in the 2015 weighted average	
	5	72	8	11	1372	560	48	*	92	28	2,100	No 2015 individual price. VZ was included in the 2015 weighted average	

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

SCJPC Member Utility submitting: **Verizon**

Person completing worksheet: **William Kearns**

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

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

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

1 2 3 4 5 6 7 8 9 10 11

Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	2015 price	% of Change
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
50'	2	72	8	14	1589	1238	87	*	92	28	3,034	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	14	1589	873	75	*	92	28	2,657	No 2015 individual price. VZ was included in the 2015 weighted average	
	4	72	8	14	1589	749	64	*	92	28	2,522	No 2015 individual price. VZ was included in the 2015 weighted average	
	5												
55'	2	72	8	14	1589	1359	100	*	92	28	3,168	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	14	1589	1029	88	*	92	28	2,826	No 2015 individual price. VZ was included in the 2015 weighted average	
	4												
60'	2	72	8	14	1589	1351	116	*	92	28	3,176	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	14	1589	1150	98	*	92	28	2,957	No 2015 individual price. VZ was included in the 2015 weighted average	
65'	2	72	8	14	1589	1648	141	*	92	28	3,498	No 2015 individual price. VZ was included in the 2015 weighted average	
	3	72	8	14	1589	1319	113	*	92	28	3,140	No 2015 individual price. VZ was included in the 2015 weighted average	
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF ANAHEIM
JOINT DUCTILE IRON (DI) POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

MEMBER	55' POLE	A.S.A CLASS	NO. OF HOURS		LOADED			SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.					
D	H-2	106.06	8.5	14	2386.35	2633.40	325.04	186.94	191.88	1422.913	7146.523	
										Salvage	2633.40	

2015 PRICE	PROP. 2016	% CHG.
N/A	7146.523	

MEMBER	60' POLE	A.S.A CLASS	NO. OF HOURS		LOADED			SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.					
D	H-2	106.06	8.5	14	2386.35	2956.36	325.04	186.94	191.88	1498.809	7545.379	
										Salvage	2633.40	

2015 PRICE	PROP. 2016	% CHG.
N/A	7545.379	

MEMBER	65' POLE	A.S.A CLASS	NO. OF HOURS		LOADED			SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.					
D	H-2	106.06	8.5	14	2386.35	3146.56	325.04	186.94	191.88	1543.506	7780.276	
										Salvage	2633.40	

2015 PRICE	PROP. 2016	% CHG.
N/A	7780.276	

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

February 16, 2016 (Version 2)

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

Ms. April DeBarge – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Larry Chow – Southern California Edison
Ms. Luisa Felix – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. William Kearns – Verizon California
Mr. Ed Loescher – Verizon California
Ms. Megan Stewart - Verizon
Ms. Manijeh Carmichael - AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Ms. Shawn Henderson – T-Mobile USA
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Erica Sanchez - Extenet
Ms. Angela Pranata – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Ms. Lynn Prescott – Verizon Wireless
Mr. Earle Carrion- Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Maryam Farajzadeh – City of Vernon
Mr. Stephen Pebley – Frontier Communications

The meeting commenced at 9:05 a.m.

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

Agenda Item 2 – Review of Pole Prices Matrix (for 2016): Mr. Chow informed the committee Edison is still working on their H Class Pole Prices.

The committee agreed to give Edison another month to submit their H class process before finalizing 2016 Pole Prices.

Agenda Item 3 – Authorized Cost Study (Kay Black, AT&T California): Helicopter and Crane Sets – Ms. Black feels it would be best if the committee worked on verbiage for definitions together. Mr. Chow feels the committee should be on the same page before they can discuss verbiage. Mr. Kearns informed the committee he currently has a field representative working on definitions for the four separate types of pole sets. Mr. Kearns also feels communication companies should have an opportunity to meet power companies in the field to approve helicopter and crane sets. Mr. Chow explained Edison would have no problem with this, but the fact is most communication companies do not have the resources to meet up on all pole sets Edison is currently doing. Mr. Chow then informed the committee of a pilot Edison is currently working on using Sectional Fiberglass Poles. This will reduce the number of crane sets. Mr. Chow will keep the committee posted on the pilot. Ms. Hernandez asked if it would be possible to get an explanation on the JPA as to why a crane or helicopter was used. Mr. Chow does not have a problem doing this. Mr. Brown (LADWP) asked Mr. Chow if it would be possible for Edison to come up with an average crane cost for Authorized Costs. Mr. Chow explained there are too many different types of crane and scenarios to find an average without the possibility of losing money. After some discussion the committee decided to wait till next month's meeting for Verizon to provide scenarios and definitions for the four types of pole sets and Mr. Chow to provide a power point on transportation costs for crane sets.

Agenda Item 4 – Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Mr. Chow feels each company should have the option to submit separate pricing for Authorized Costs the same way they are able to for Pole Prices. The way it is currently Edison feels it is losing monies. The committee reviewed the current Authorized Costs prices submitted by members and compared them to the averaged Authorized Cost. The committee used Items 5A, 5B and 5D (PTD) as an example. In this case Edison was gaining monies but when items were broken up the results varied. Ms. Hernandez pointed out this would create a lot more work for the committee staff. Mr. Serrato suggested getting the staff dual monitors. Ms. Hernandez asked Ms. Pranata to add this to operating for approval. Ms. Carmichael informed the committee she is in no way comfortable with changing the way things are now. She feels if there is an item with a huge discrepancy we should definitely address that item, but does not see a reason to change the entire process. Mr. Chow then explained the pricing was originally based on reciprocity. The shared costs were based on Power setting 60% of the poles and Communication setting 40%. This simply is no longer the case. After some discussion Ms. Hernandez asked Ms. Pranata to send out the Authorized Costs Matrix with instructions to have members submit “actual costs”. Once the committee has this information they will be able to do an accurate comparison.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Ms. Pranata asked the committee what they would prefer for multiple pole class formats. Would they prefer to use 1 page with multiple pole classes or 1 page for each pole class? She then gave samples of each format. The committee chose to use 1 page with multiple pole classes.

Ms. Pranata then asked the committee which default pole class the staff should use when a price is not available. She used the example of a class 6 pole where there is no pricing available. Ms Hernandez said it should default to the next closest class which in this case would be the class 5 pole. The committee agreed.

Mr. Chow then asked to add a new agenda item. There is currently no pricing for ET Truss. We need to add pricing for this as well as a cost for removal of a steel stub. There is extra labor involved in the removal of these items. Edison has not started using these items yet but plans to in the near future and would like pricing set up ahead of time.

Mr. Brown (LADWP) asked the committee how they come up with traffic control charges. After much discussion the committee figured this varied on a case by case basis which is why it is currently billed under section 1.2. Mr. Chow explained the committee would have to piece part it in order to come up with an authorized cost. Much discussion followed on Permits and Traffic Control Plans. The committee decided to add this item to the Authorized Costs Study along with Helicopter and Crane Sets.

Review of Action Items:

- Edison to submit their H pole prices before next meeting (3/15/16). If not received the committee will move forward with the finalization of 2016 Pole Prices as is.
- Committee to continue Authorized Costs Study on Helicopter Sets, Crane Sets and Traffic Control.
- Ms. Pranata to email Authorized Costs spreadsheet to members.
- Members to report back next month with feedback on submitting individual Authorized Costs.

The ad hoc meeting adjourned at 10:40 a.m. The next meeting is scheduled for March 15, 2016.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2016

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		83.00	6.00	12.00	1494.00	480.00	**	441.00		224.10	2639	1	480	2639	ATC
TCA		83.00	6.00	12.00	1494.00	480.00	**	441.00		224.10	2639	1	480	2639	TCA
SPR		55.00	6.00	12.00	990.00	480.00	**	441.00	78.00	148.50	2138	1	480	2138	SPR
FON		55.00	6.00	12.00	990.00	480.00	**	441.00	78.00	148.50	2138	1	480	2138	FON
NXT		83.00	6.00	12.00	1494	480.00	**	441		224.1	2639	1	480	2639	NXT
											0	0	0	0	
	Salvage	480								TOTALS	12192	5	2400	12192	
									Wgt Ave		2438		480		
	2015	PROP.	%												
	PRICE	2016	CHG.												
	2108	2438	16												

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		83.00	6.00	12.00	1494.00	560.00	**	441.00		224.10	2719	1	560	2719	ATC
TCA		83.00	6.00	12.00	1494.00	560.00	**	441.00		224.10	2719	1	560	2719	TCA
SPR		55.00	6.00	12.00	990.00	560.00	**	441.00	78.00	148.50	2218	1	560	2218	SPR
FON		55.00	6.00	12.00	990.00	560.00	**	441.00	78.00	148.50	2218	1	560	2218	FON
NXT		83.00	6.00	12.00	1494.00	560.00	**	441.00		224.10	2719	1	560	2719	NXT
											0	0	0	0	
	Salvage	560								TOTALS	12592	5	2800	12592	
									Wgt Ave		2518		560		
	2015	PROP.	%												
	PRICE	2016	CHG.												
	1854	2518	36												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
ATC		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	6	3750	16705
TCA		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	1	625	2784
SPR		55.00	6.00	12.00	990.00	625.00	**	441.00	78.00	148.50	2283	1	625	2283
FON		55.00	6.00	12.00	990.00	625.00	**	441.00	78.00	148.50	2283	1	625	2283
NXT		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	1	625	2784
V	2	92.58	1.00	4.00	462.9	410.00	41	416	200	100	1630	2	820	3260
											0	0	0	0
	Salvage	589												
										TOTALS	14547	12	7070	30098
									Wgt Ave		2508		589	

2015 PRICE	PROP. 2016	% CHG.
1948	2508	29

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
ATC		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
TCA		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
SPR		55.00	8.00	14.00	1210.00	728.00	**	539.00	78.00	181.50	2737	1	728	2737
FON		55.00	8.00	14.00	1210.00	728.00	**	539.00	78.00	181.50	2737	1	728	2737
NXT		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
V	1	92.58	1.00	4.00	462.9	570.00	57	416	200	100	1806	2	1140	3612
											0	0	0	0
	Salvage	683												
										TOTALS	17380	7	4780	19186
									Wgt Ave		2741		683	

2015 PRICE	PROP. 2016	% CHG.
2208	2741	24

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104
TCA		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104
SPR		55.00	8.00	18.00	1430.00	985.00	**	637.00	78.00	214.50	3345	1	985	3345
FON		55.00	8.00	18.00	1430.00	985.00	**	637.00	78.00	214.50	3345	1	985	3345
NXT		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104
V	1	92.58	1.00	5.00	555.48	750.00		75	416	200	100	7	5250	14675
											0	0	0	0
	Salvage	848												
										TOTALS	21097	12	10175	33675
										Wgt Ave	2806		848	

2015	PROP.	%
PRICE	2016	CHG.
2980	2806	-6

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	6	6150	27741
TCA		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	1	1025	4624
SPR		55.00	10.00	20.00	1650.00	1025.00	**	735.00	78.00	247.50	3736	4	4100	14942
FON		55.00	10.00	20.00	1650.00	1025.00	**	735.00	78.00	247.50	3736	1	1025	3736
NXT		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	1	1025	4624
V	H2	92.58	1.00	8.00	833.22	1450.00		145	416	200	100	11	15950	34586
											0	0	0	0
	Salvage	1220												
										TOTALS	24486	24	29275	90252
										Wgt Ave	3760		1220	

2015	PROP.	%
PRICE	2016	CHG.
3728	3760	1

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

55' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL			
CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS				
ATC		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	ATC		
TCA		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	TCA		
SPR		55.00	10.00	26.00	1980.00	1530.00	**	882.00	78.00	297.00	4767	1	1530	4767	SPR		
FON		55.00	10.00	26.00	1980.00	1530.00	**	882.00	78.00	297.00	4767	1	1530	4767	FON		
NXT		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	NXT		
V	H2	92.58	1.00	8.00	833.22	1500.00	150	416	200	100	3199	11	16500	35191	V		
											0	0	0	0			
	Salvage	1509															
										TOTALS	30278	16	24150	62270			
									Wgt Ave		3892		1509				

2015	PROP.	%
PRICE	2016	CHG.
4411	3892	-12

60' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL			
CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS				
ATC		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00	7058	1	2100	7058	ATC		
TCA		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00	7058	1	2100	7058	TCA		
SPR		65.00	10.00	30.00	2600.00	2100.00	**	1140.00	78.00	390.00	6308	1	2100	6308	SPR		
FON		65.00	10.00	30.00	2600.00	2100.00	**	1140.00	78.00	390.00	6308	1	2100	6308	FON		
NXT		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00		1			NXT		
V	H2	92.58	1.00	8.00	833.22	1900.00	190.00	548.00	200.00	100.00	3771	9	17100	33941	V		
											0	0	0	0			
	Salvage	1821															
										TOTALS	30503	14	25500	60673			
									Wgt Ave		4334		1821				

2015	PROP.	%
PRICE	2016	CHG.
6338	4334	-32

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

65' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	SPR
FON		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	FON
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763	V
											0	0	0	0	
	Salvage	1653									TOTALS	16680	3	4960	16680
									Wgt Ave		5560			1653	

2015	PROP.	%
PRICE	2016	CHG.
2924	5560	90

70' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	SPR
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	FON
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106	V
	Salvage	2540									TOTALS	22152	3	7620	22152
									Wgt Ave		7384			2540	

2015	PROP.	%
PRICE	2016	CHG.
7693	7384	-4

75' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	SPR
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	FON
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	1	2200	4405	V
	Salvage	2567									TOTALS	22451	3	7700	22451
									Wgt Ave		7484				

2015	PROP.	%
PRICE	2016	CHG.
7980	7484	-6

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

80' POLE	LOADED		NO. OF HOURS		LOADED				ENG						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		83.00	30.00	60.00	7470.00	3500.00	**	2925.00	78.00	1120.50	15094	1	3500	15094	
FON		83.00	30.00	60.00	7470.00	3500.00	**	2925.00	78.00	1120.50	15094	1	3500	15094	
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230	
	Salvage	3317													
											TOTALS	35417	3	9950	35417
									Wgt Ave		11806				
	2015	PROP.	%												
	PRICE	2016	CHG.												
	8787	11806	34												

85' POLE	LOADED		NO. OF HOURS		LOADED				ENG						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		83.00	30.00	66.00	7968.00	4200.00	**	3120.00	78.00	1195.20	16561	1	4200	16561	
FON		83.00	30.00	66.00	7968.00	4200.00	**	3120.00	78.00	1195.20	16561	1	4200	16561	
	Salvage	4200													
											TOTALS	33122	2	8400	33122
									Wgt Ave		16561				
	2015	PROP.	%												
	PRICE	2016	CHG.												
	9451	16561	75												

90' POLE	LOADED		NO. OF HOURS		LOADED				ENG						
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		83.00	40.00	70.00	9130.00	4670.00	**	4400.00	78.00	1369.50	19648	1	4670	19648	
FON		83.00	40.00	70.00	9130.00	4670.00	**	4400.00	78.00	1369.50	19648	1	4670	19648	
	Salvage	4670													
											TOTALS	39295	2	9340	39295
									Wgt Ave		19648				
	2015	PROP.	%												
	PRICE	2016	CHG.												
	10779	19648	82												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687
FON		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687
											0		0	0
	Salvage	6000												
										TOTALS	47373	2	12000	47373
									Wgt Ave		23687			

2015 PRICE	PROP. 2016	% CHG.
10779	23687	120

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741
FON		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741
											0		0	0
	Salvage	7000												
										TOTALS	53482	2	14000	53482
									Wgt Ave		26741			

2015 PRICE	PROP. 2016	% CHG.
12663	26741	111

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS
SPR		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750
FON		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750
											0		0	0
	Salvage	8000												
										TOTALS	59500	2	16000	59500
									Wgt Ave		29750			

2015 PRICE	PROP. 2016	% CHG.

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

0 29750 #DIV/0!

NOTES:

- ATC Supply expense included in column material cost (FOB)
- TCA Supply expense included in column material cost (FOB)
- SPR Supply expense included in column material cost (FOB)
- FON Supply expense included in column material cost (FOB)

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.5	12	2174.23	215.48	64.64	186.94	191.88	1419.67	4253
										Salvage	215
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4429	4253	-4								

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	12.00	2174.23	302.17	90.65	186.94	191.88	1419.67	4366
										Salvage	302
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4540	4366	-4								

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	12.00	2174.23	358.13	107.44	186.94	191.88	1419.67	4438
										Salvage	358
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4661	4438	-5								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

MEMBER	CLASS	40' POLE		NO. OF HOURS		LOADED		ENG			Gen
		A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&
		RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	13.00	2280.29	672.10	201.63	186.94	191.88	1483.30	5016
										Salvage	672

2015	PROP.	%
PRICE	2016	CHG.
4995	5016	0

MEMBER	CLASS	45' POLE		NO. OF HOURS		LOADED		ENG			Gen
		A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&
		RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
	2	92.58	1	4	462.9	410	41	416	200	100	1629.9
MP	3	106.06	8.50	13.00	2280.29	812.71	243.81	186.94	191.88	1483.30	5199
										Salvage	813

2015	PROP.	%
PRICE	2016	CHG.
5147	5199	1

MEMBER	CLASS	50' POLE		NO. OF HOURS		LOADED		ENG			Gen
		A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&
		RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	3	106.06	8.50	14.00	2386.35	934.39	280.32	186.94	191.88	1546.94	5527
										Salvage	934

2015	PROP.	%
PRICE	2016	CHG.
5300	5527	4

MEMBER	CLASS	55' POLE		NO. OF HOURS		LOADED		ENG			Gen
		A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&
		RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1083.48	325.04	186.94	191.88	1546.94	5721
										Salvage	1083

2015	PROP.	%
PRICE	2016	CHG.
5479	5721	4

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1257.10	377.13	186.94	191.88	1546.94	5946
										Salvage	1257
		2015	PROP.	%							
		PRICE	2016	CHG.							
		5726	5946	4							

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1312.78	393.83	186.94	191.88	1546.94	6019
										Salvage	1313
		2015	PROP.	%							
		PRICE	2016	CHG.							
		5916	6019	2							

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1891.50	567.45	186.94	191.88	1610.57	6835
										Salvage	1892
		2015	PROP.	%							
		PRICE	2016	CHG.							
		6519	6835	5							

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	2214.15	664.25	186.94	191.88	1610.57	7254
										Salvage	2214
		2015	PROP.	%							
		PRICE	2016	CHG.							
		6894	7254	5							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2394.68	718.40	186.94	191.88	1674.21	7765
										Salvage	2395
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7117	7765	9							

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2660.43	798.13	186.94	191.88	1674.21	8110
										Salvage	2660
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7448	8110	9							

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2967.56	890.27	186.94	191.88	1674.21	8509
										Salvage	2968
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7829	8509	9							

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	3596.25	1078.88	186.94	191.88	1674.21	9327
										Salvage	3596
		2015	PROP.	%							
		PRICE	2016	CHG.							
		8607	9327	8							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 CITY OF PASADENA
 JOINT **WOOD** POLE PRICES FOR 2016

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	H1	106.06	8.50	16.00	2598.47	4054.70	1216.41	186.94	191.88	1674.21	9923
										Salvage	4055
		2015	PROP.	%							
		PRICE	2016	CHG.							
		9223	9923	8							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF LOMPOC (LLW)
 JOINT **WOOD** POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

MEMBER	CLASS	50' POLE	NO. OF HOURS		LOADED			ENG	Gen	TOTAL		
		A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP		and	&
		RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm		
LLW	3	150.00	4.00	8.00	1800.00	694.00	55.52	450.00	(*)	(*)	3000	
		2015	PROP.	%							Salvage	694
		PRICE	2016	CHG.								
		3520	3000	-15								

Note: Engineering/Planning and Gen&Admin included in loaded labor rate

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	9.00	1200.00	216.00			142.00	71.00	1629	
		2015	PROP.	%							Salvage	216
		PRICE	2016	CHG.								
		1580	1629	3								

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	9.00	1200.00	251.00			142.00	71.00	1664	
		2015	PROP.	%							Salvage	251
		PRICE	2016	CHG.								
		1615	1664	3								

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	307.00			142.00	71.00	2080	
		2015	PROP.	%							Salvage	307
		PRICE	2016	CHG.								
		2034	2080	2								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
JOINT WOOD POLE PRICES FOR 2016

	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	400.00			142.00	71.00	2173	
	2015	PROP.	%								Salvage	400
	PRICE	2016	CHG.									
	2125	2173	2									

45' POLE	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	ENG	Gen		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	467.00			142.00	71.00	2240	
	2015	PROP.	%								Salvage	467
	PRICE	2016	CHG.									
	2191	2240	2									

50' POLE	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	ENG	Gen		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	618.00			142.00	71.00	2391	
	2015	PROP.	%								Salvage	618
	PRICE	2016	CHG.									
	2339	2391	2									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
 JOINT **WOOD** POLE PRICES FOR 2016

MEMBER	A.S.A CLASS	LOADED	NO. OF HOURS		LOADED	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG	Gen	TOTAL
		LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS				and PLNG	& Adm	
H	3	120.00	1.00	15.00	1920.00	723.00			142.00	71.00	2856
									Salvage		723

2015 PRICE	PROP. 2016	% CHG.
2806	2856	2

H/T Supply expense, equipment expense, general&admin, included in column loaded labor rate

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790
		2015 PRICE	PROP. 2016	% CHG.						Salvage	486
		1790	1790	0							

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	619.17	247.67	*	N/A	174.64	1976
		2015 PRICE	PROP. 2016	% CHG.						Salvage	619
		1976	1976	0							

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166
		2015 PRICE	PROP. 2016	% CHG.						Salvage	754
		2166	2166	0							

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887
		2015 PRICE	PROP. 2016	% CHG.						Salvage	981
		2887	2887	0							

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354
	2	92.58	1	4	462.9	410	41	416	200	100	1630
		2015 PRICE	PROP. 2016	% CHG.						Salvage	1247
		3354	3354	0							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	16.00	1785.00	1356.44	542.57	*	N/A	333.40	4017
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4017	4017	0								
				Salvage							
				1356							

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	333.40	4247
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4247	4247	0								
				Salvage							
				1520							

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC	2	85.00	5.00	20.00	2125.00	1693.64	677.45	*	N/A	396.90	4893
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4893	4893	0								
				Salvage							
				1694							

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242
	2015	PROP.	%								
	PRICE	2016	CHG.								
	5242	5242	0								
				Salvage							
				1943							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
LAC		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693	
	2015	PROP.	%								Salvage	3262
	PRICE	2016	CHG.									
	7693	7693	0									

Note: Equipment expense included in loaded labor rate
Pole Prices for 75'-100' are not available

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	3	93.50	1.00	4.00	467.50	469.09	0.00	489.60	206.04	446.60	2079	
	2015	PROP.	%								Salvage	469
	PRICE	2016	CHG.									
	2046	2079	2									

	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	1	93.50	1.00	4.00	467.50	578.01	0.00	489.60	206.04	446.60	2188	
	2015	PROP.	%								Salvage	578
	PRICE	2016	CHG.									
	2153	2188	2									

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	1	93.50	1.00	5.00	561.00	816.77	0.00	489.60	206.04	446.60	2520	
	2015	PROP.	%								Salvage	817
	PRICE	2016	CHG									
	2479	2520	2									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	H3	93.50	1.00	8.00	841.50	1876.13	0.00	489.60	206.04	446.60	3860	
	2015	PROP.	%								Salvage	1876
	PRICE	2016	CHG.									
	3796	3860	2									

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
	2	92.58	1	4	462.9	410	41	416	200	100	1629.9	
SCW	H4	93.50	1.00	8.00	841.50	1667.80	0.00	489.60	206.04	446.60	3652	
	2015	PROP.	%								Salvage	1668
	PRICE	2016	CHG.									
	3591	3652	2									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

60' POLE		<i>LOADED</i>	<i>NO. OF HOURS</i>		<i>LOADED</i>				<i>ENG</i>	<i>Gen</i>		
	<i>A.S.A</i>	<i>LABOR</i>	<i>TRANS.</i>	<i>DIG</i>	<i>LABOR</i>	<i>COST</i>	<i>SUPPLY</i>	<i>EQUIP</i>	<i>and</i>	<i>&</i>		
<i>MEMBER</i>	<i>CLASS</i>	<i>RATE</i>	<i>HDLING</i>	<i>ERECT</i>	<i>DOLLARS</i>	<i>F.O.B.</i>	<i>EXP</i>	<i>EXPENSE</i>	<i>PLNG</i>	<i>Adm</i>	<i>TOTAL</i>	
SCW	H4	93.50	1.00	8.00	841.50	1836.00	0.00	558.96	206.04	446.60	3889	
	2015	PROP.	%								Salvage	1836
	PRICE	2016	CHG.									
	3824	3889	2									

65' POLE		<i>LOADED</i>	<i>NO. OF HOURS</i>		<i>LOADED</i>				<i>ENG</i>	<i>Gen</i>		
	<i>A.S.A</i>	<i>LABOR</i>	<i>TRANS.</i>	<i>DIG</i>	<i>LABOR</i>	<i>COST</i>	<i>SUPPLY</i>	<i>EQUIP</i>	<i>and</i>	<i>&</i>		
<i>MEMBER</i>	<i>CLASS</i>	<i>RATE</i>	<i>HDLING</i>	<i>ERECT</i>	<i>DOLLARS</i>	<i>F.O.B.</i>	<i>EXP</i>	<i>EXPENSE</i>	<i>PLNG</i>	<i>Adm</i>	<i>TOTAL</i>	
SCW	H4	93.50	1.00	8.50	888.25	2327.64	0.00	558.96	206.04	446.60	4427	
	2015	PROP.	%								Salvage	2328
	PRICE	2016	CHG.									
	4353	4427	2									

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

SCJPC Member Utility submitting:

Los Angeles Department of Water & Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
35'	3	138.27	4	14.65	2578.74	428.00	89.88	193.76	138.21	19.36	3448	3811	-9.53%	428
40'	3	138.27	4	14.65	2578.74	522.00	109.62	193.76	138.21	19.36	3562	3919	-9.12%	522
45'	2	138.27	4	14.65	2578.74	709.00	148.89	193.76	138.21	19.36	3788	4134	-8.37%	709
50'	2	138.27	4	14.65	2578.74	822.00	172.62	193.76	138.21	19.36	3925	5176	-24.18%	822
50'	H3	138.27	4	14.65	2578.74	1615.00	339.15	193.76	138.21	19.36	4884		#DIV/0!	1615
55'	2	138.27	4	14.65	2578.74	964.00	202.44	193.76	138.21	19.36	4097	5518	-25.76%	964
55'	H3	138.27	4	14.65	2578.74	1912.00	401.52	193.76	138.21	19.36	5244		#DIV/0!	1912
60'	2	138.27	4	14.65	2578.74	1117.00	234.57	193.76	138.21	19.36	4282	4604	-7.00%	1117
65'	2	138.27	4	16.25	2799.97	1322.00	277.62	214.93	138.21	19.36	4772	5110	-6.61%	1322
70'	2	138.27	4	16.25	2799.97	1453.00	305.13	214.93	138.21	19.36	4931	6821	-27.71%	1453
70'	H3	138.27	4	16.25	2799.97	2810.00	590.10	214.93	138.21	19.36	6573		#DIV/0!	2810
75'	2	138.27	4	16.25	2799.97	1704.00	357.84	214.93	138.21	19.36	5234	5549	-5.67%	1704
80'	2	138.27	4	16.25	2799.97	1950.00	409.50	214.93	138.21	19.36	5532	5832	-5.14%	1950
85'	2	138.27	4	16.25	2799.97	2191.00	460.11	214.93	138.21	19.36	5824	6109	-4.67%	2191
90'	2	138.27	4	16.25	2799.97	2576.00	540.96	214.93	138.21	19.36	6289	6552	-4.01%	2576
95'	2	138.27	4	16.25	2799.97	2906.00	610.26	214.93	138.21	19.36	6689	6931	-3.50%	2906
100'	2	138.27	4	16.25	2799.97	3308.00	694.68	214.93	138.21	19.36	7175	7394	-2.96%	3308
110'	2	138.27	4	16.25	2799.97	4993.00	1048.53	214.93	138.21	19.36	9214	9331	-1.25%	4993

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

SCJPC Member Utility submitting: **Verizon**

Person completing worksheet: **William Kearns**

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

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

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
25'	2	72	8	11	1372	356	31	*	92	28	1,880	No 2015 individual price. VZ was included in the 2015 weighted average		356
	3	72	8	11	1372	297	25	*	92	28	1,815	No 2015 individual price. VZ was included in the 2015 weighted average		297
	4	72	8	11	1372	251	21	*	92	28	1,764	No 2015 individual price. VZ was included in the 2015 weighted average		251
	5	72	8	11	1372	220	19	*	92	28	1,731	No 2015 individual price. VZ was included in the 2015 weighted average		220
30'	2	72	8	11	1372	474	41	*	92	28	2,008	No 2015 individual price. VZ was included in the 2015 weighted average		474
	3	72	8	11	1372	391	33	*	92	28	1,916	No 2015 individual price. VZ was included in the 2015 weighted average		391
	4	72	8	11	1372	344	29	*	92	28	1,866	No 2015 individual price. VZ was included in the 2015 weighted average		344
	5	72	8	11	1372	289	25	*	92	28	1,807	No 2015 individual price. VZ was included in the 2015 weighted average		289
35'	2	72	8	11	1372	569	49	*	92	28	2,110	No 2015 individual price. VZ was included in the 2015 weighted average		569
	3	72	8	11	1372	487	42	*	92	28	2,021	No 2015 individual price. VZ was included in the 2015 weighted average		487
	4	72	8	11	1372	441	38	*	92	28	1,971	No 2015 individual price. VZ was included in the 2015 weighted average		441
	5	72	8	11	1372	336	31	*	92	28	1,859	No 2015 individual price. VZ was included in the 2015 weighted average		336
40'	2	72	8	11	1372	712	61	*	92	28	2,265	No 2015 individual price. VZ was included in the 2015 weighted average		712
	3	72	8	11	1372	617	51	*	92	28	2,161	No 2015 individual price. VZ was included in the 2015 weighted average		617
	4	72	8	11	1372	553	45	*	92	28	2,090	No 2015 individual price. VZ was included in the 2015 weighted average		553
	5	72	8	11	1372	450	39	*	92	28	1,981	No 2015 individual price. VZ was included in the 2015 weighted average		450
45'	2	72	8	11	1372	868	74	*	92	28	2,434	No 2015 individual price. VZ was included in the 2015 weighted average		868
	3	72	8	11	1372	800	67	*	92	28	2,359	No 2015 individual price. VZ was included in the 2015 weighted average		800
	4	72	8	11	1372	643	55	*	92	28	2,190	No 2015 individual price. VZ was included in the 2015 weighted average		643
	5	72	8	11	1372	560	48	*	92	28	2,100	No 2015 individual price. VZ was included in the 2015 weighted average		560
50'	2	72	8	14	1589	1238	87	*	92	28	3,034	No 2015 individual price. VZ was included in the 2015 weighted average		1238
	3	72	8	14	1589	873	75	*	92	28	2,657	No 2015 individual price. VZ was included in the 2015 weighted average		873

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

SCJPC Member Utility submitting: **Verizon**

Person completing worksheet: **William Kearns**

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

**** Weighted Average Individual Costs

The salvage value is based on the cost F.O.B. prescribed formula (Column 6) **2016**

1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
	4	72	8	14	1589	749	64	*	92	28	2,522	No 2015 individual price. VZ was included in the 2015 weighted average	749	
	5												0	
55'	2	72	8	14	1589	1359	100	*	92	28	3,168	No 2015 individual price. VZ was included in the 2015 weighted average	1359	
	3	72	8	14	1589	1029	88	*	92	28	2,826	No 2015 individual price. VZ was included in the 2015 weighted average	1029	
	4												0	
60'	2	72	8	14	1589	1351	116	*	92	28	3,176	No 2015 individual price. VZ was included in the 2015 weighted average	1351	
	3	72	8	14	1589	1150	98	*	92	28	2,957	No 2015 individual price. VZ was included in the 2015 weighted average	1150	
65'	2	72	8	14	1589	1648	141	*	92	28	3,498	No 2015 individual price. VZ was included in the 2015 weighted average	1648	
	3	72	8	14	1589	1319	113	*	92	28	3,140	No 2015 individual price. VZ was included in the 2015 weighted average	1319	
70'		0	0	0	0						0			
75'		0	0	0	0						0			
80'		0	0	0	0						0			
85'		0	0	0	0						0			
90'		0	0	0	0						0			
95'		0	0	0	0						0			
100'		0	0	0	0						0			
110'		0	0	0	0						0			

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
 For **Composite Fiberglass** (CF 1 piece) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

1		2		3		4		5		6		7		8		9		10		11		2015 price	% of Change	Salvage 2016
Pole Length	GLM Capacity	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													
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
40'	115,000f t-lbs	138.27	4	14.65	2578.74	1318.90	276.97	193.76	138.21	19.36	4526										4843	-6.55%	1319	
45'	115,000f t-lbs	138.27	4	14.65	2578.74	1495.40	314.03	193.76	138.21	19.36	4739										5183	-8.56%	1495	
50'	115,000f t-lbs	138.27	4	14.65	2578.74	1894.40	397.82	193.76	138.21	19.36	5222										5508	-5.19%	1894	

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CM 2 pcs) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

	1	2	3	4	5	6	7	8	9	10	11			
Pole Length	GLM Capacity	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	2015 price	% of Change	Salvage 2016
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
40'	96,500 ft-lbs	138.27	4	14.65	2578.74	2676.24	562.01	193.76	138.21	19.36	6168	6499	-5.09%	2676
45'	97,500 ft-lbs	138.27	4	14.65	2578.74	2803.19	588.67	193.76	138.21	19.36	6322	6765	-6.55%	2803
50'	101,300 ft lbs	138.27	4	14.65	2578.74	2909.84	611.07	193.76	138.21	19.36	6451	6723	-4.05%	2910
55'	136,000 ft-lbs	138.27	4	14.65	2578.74	3015.47	633.25	193.76	138.21	19.36	6579	N/A	#VALUE!	3015
60'	150,000 ft-lbs	138.27	4	14.65	2578.74	3163.76	664.39	193.76	138.21	19.36	6758	N/A	#VALUE!	3164

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
 For Lightweight Steel Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

***** Weighted Average Individual Costs

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
		0.00	0	0.00	0.00						0			
30'	230,000 ft-lbs	138.27	4	14.65	2578.74	2146.07	450.67	193.76	138.21	19.36	5527	6957	-20.56%	2146
50'	170,000 ft-lbs	138.27	4	14.65	2578.74	2411.20	506.35	193.76	138.21	19.36	5848	6771	-13.64%	2411
55'	189,300 ft-lbs	138.27	4	14.65	2578.74	3340.06	701.41	193.76	138.21	19.36	6972	7810	-10.74%	3340
60'	208,000 ft-lbs	138.27	4	14.65	2578.74	3553.90	746.32	193.76	138.21	19.36	7230	8295	-12.84%	3554
65'	226,700 ft-lbs	138.27	4	16.25	2799.97	3771.60	792.04	214.93	138.21	19.36	7736	8841	-12.50%	3772
70'	245,000 ft-lbs	138.27	4	16.25	2799.97	4190.56	880.02	214.93	138.21	19.36	8243	9095	-9.37%	4191
70' Heavy	318,600 ft-lbs	138.27	4	16.25	2799.97	4426.64	929.59	214.93	138.21	19.36	8529	9376	-9.04%	4427
75'	264,000 ft-lbs	138.27	4	16.25	2799.97	4499.21	944.83	214.93	138.21	19.36	8617	9540	-9.68%	4499
75' Heavy	343,000 ft-lbs	138.27	4	16.25	2799.97	4723.69	991.97	214.93	138.21	19.36	8888	9931	-10.50%	4724
80'	282,000 ft-lbs	138.27	4	16.25	2799.97	4408.23	925.73	214.93	138.21	19.36	8506	9742	-12.68%	4408
80' Heavy	367,000 ft-lbs	138.27	4	16.25	2799.97	4717.06	990.58	214.93	138.21	19.36	8880	9802	-9.41%	4717
85'	301,600 ft-lbs	138.27	4	16.25	2799.97	4602.57	966.54	214.93	138.21	19.36	8742	10938	-20.08%	4603
90'	320,000 ft-lbs	138.27	4	16.25	2799.97	4946.03	1038.67	214.93	138.21	19.36	9157	10028	-8.68%	4946
100'	357,800 ft-lbs	138.27	4	16.25	2799.97	5548.29	1165.14	214.93	138.21	19.36	9886	11990	-17.55%	5548
110'	395,000 ft-lbs	138.27	4	16.25	2799.97	7093.39	1489.61	214.93	138.21	19.36	11755	16975	-30.75%	7093
														0

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

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

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

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	2015 price	% of Change	Salvage 2016
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
35'	2	138.27	4	8.70	1756.03	4089.00	858.69	193.76	138.21	19.36	7055	7075	-0.28%	4089
50'	H-5	138.27	4	8.70	1756.03	3995.00	838.95	193.76	138.21	19.36	6941	6967	-0.37%	3995
60'	H-1	138.27	4	8.70	1756.03	4189.00	879.69	193.76	138.21	19.36	7176	7190	-0.19%	4189
70'	H-4	138.27	4	11.90	2198.49	4314.00	905.94	193.76	138.21	19.36	7770	2913	166.73%	4314

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron (DI) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	GLM Capacity	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	2015 price	% of Change	Salvage 2016
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
50'	98,600 ft-lbs	138.27	4	14.65	2578.74	2390.84	502.08	193.76	138.21	19.36	5823	6156	-5.41%	2391
50' Heavy	143,900 ft-lbs	138.27	4	14.65	2578.74	1974.07	414.55	193.76	138.21	19.36	5319	5812	-8.49%	1974
55'	133,100 ft-lbs	138.27	4	14.65	2578.74	2544.33	534.31	193.76	138.21	19.36	6009	6334	-5.14%	2544
55' Heavy	221,800 ft-lbs	138.27	4	14.65	2578.74	3736.70	784.71	193.76	138.21	19.36	7451	7986	-6.69%	3737

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

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF ANAHEIM
JOINT DUCTILE IRON (DI) POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

MEMBER	CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
D	H-2	106.06	8.5	14	2386.35	2633.40	325.04	186.94	191.88	1422.913	7146.523
										Salvage	2633
		2015 PRICE	PROP. 2016	% CHG.							
		N/A	7147								

MEMBER	CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
D	H-2	106.06	8.5	14	2386.35	2956.36	325.04	186.94	191.88	1498.809	7545.379
										Salvage	2633
		2015 PRICE	PROP. 2016	% CHG.							
		N/A	7545								

MEMBER	CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
D	H-2	106.06	8.5	14	2386.35	3146.56	325.04	186.94	191.88	1543.506	7780.276
										Salvage	2633
		2015 PRICE	PROP. 2016	% CHG.							
		N/A	7780								

**2016 STRUCTURAL VALUES WITH DEPRECIATION COSTS,
PER FOOT COSTS & SHARED COSTS
25' WOOD POLES**

Verizon California (VZ)

Year Set	Actual Cost	2016 Cost	Per Foot Cost	Shared Cost*	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$	Pole Class
2016	1880	1880	75.20	1729.60	864.80	576.53	432.40	345.92	288.27	2
2016	1815	1815	72.60	1669.80	834.90	556.60	417.45	333.96	278.30	3
2016	1764	1764	70.56	1622.88	811.44	540.96	405.72	324.58	270.48	4
2016	1731	1731	69.24	1592.52	796.26	530.84	398.13	318.50	265.42	5
2015	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2014	1724	1586	63.44	1459.19	729.60	486.40	364.80	291.84	243.20	
2013	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2012	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2011	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2010	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2009	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2008	1514	1030	41.18	917.16	473.58	315.72	236.79	189.43	157.86	
2007	1740	1114	44.54	1024.51	512.26	341.50	256.13	204.90	170.75	
2006	1369	821	32.86	755.69	377.84	251.90	188.92	151.14	125.95	
2005	1369	767	30.67	705.31	352.65	235.10	176.33	141.06	117.55	
2004	1214	631	25.25	580.78	290.39	193.59	145.19	116.16	96.80	

DRAFT/SAMPLE

*Shared Costs are based on 23 feet of Common Area per Section 16 of the *Routine Handbook*.

**2016 STRUCTURAL VALUES WITH DEPRECIATION COSTS,
PER FOOT COSTS & SHARED COSTS
25' WOOD POLES - CLASS 2**

Verizon California (VZ)

Year Set	Actual Cost	2016 Cost	Per Foot Cost	Shared Cost*	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
2016	1880	1880	75.20	1729.60	864.80	576.53	432.40	345.92	288.27
2015	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	1724	1586	63.44	1459.19	729.60	486.40	364.80	291.84	243.20
2013	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	1514	1030	41.18	947.16	473.58	315.72	236.79	189.43	157.86
2007	1740	1114	44.54	1024.51	512.26	341.50	256.13	204.90	170.75
2006	1369	821	32.76	755.69	377.84	251.90	188.92	151.14	125.95
2005	1369	767	30.67	705.31	352.65	225.10	176.31	141.06	117.55
2004	1214	631	25.25	580.78	290.39	193.59	145.19	116.16	96.80
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

*Shared Costs are based on 23 feet of Common Area per Section 16 of the *Routine Handbook*.

**2016 STRUCTURAL VALUES WITH DEPRECIATION COSTS,
PER FOOT COSTS & SHARED COSTS
25' WOOD POLES - CLASS 3**

Verizon California (VZ)

Year Set	Actual Cost	2016 Cost	Per Foot Cost	Shared Cost*	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
2016	1815	1815	72.60	1669.80	834.90	556.60	417.45	333.96	278.30
2015	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	1724	1586	63.44	1459.19	729.60	486.40	364.80	291.84	243.20
2013	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	1514	1030	41.18	947.16	473.58	315.72	236.79	189.43	157.86
2007	1740	1114	44.54	1024.51	512.26	341.50	256.13	204.90	170.75
2006	1369	821	32.76	755.69	377.84	251.90	188.92	151.14	125.95
2005	1369	767	30.67	705.31	352.65	225.10	176.33	141.06	117.55
2004	1214	631	25.25	580.78	290.39	193.59	145.19	116.16	96.80
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DRAFT/SAMPLE

*Shared Costs are based on 23 feet of Common Area per Section 16 of the *Routine Handbook*.

**2016 STRUCTURAL VALUES WITH DEPRECIATION COSTS,
PER FOOT COSTS & SHARED COSTS
25' WOOD POLES - CLASS 4**

Verizon California (VZ)

Year Set	Actual Cost	2016 Cost	Per Foot Cost	Shared Cost*	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
2016	1764	1764	70.56	1622.88	811.44	540.96	405.72	324.58	270.48
2015	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	1724	1586	63.44	1459.19	729.60	486.40	364.80	291.84	243.20
2013	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	1514	1030	41.18	947.16	473.58	315.72	236.79	189.43	157.86
2007	1740	1114	44.54	1024.51	512.26	341.50	256.13	204.90	170.75
2006	1369	821	32.76	55.69	37.84	25.90	18.92	15.14	12.59
2005	1369	767	30.67	105.31	352.65	235.10	176.33	141.06	117.55
2004	1214	631	25.25	580.78	290.39	193.59	145.19	116.16	96.80
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DRAFT/SAMPLE

*Shared Costs are based on 23 feet of Common Area per Section 16 of the *Routine Handbook*.

**2016 STRUCTURAL VALUES WITH DEPRECIATION COSTS,
PER FOOT COSTS & SHARED COSTS
25' WOOD POLES - CLASS 5**

Verizon California (VZ)

Year Set	Actual Cost	2016 Cost	Per Foot Cost	Shared Cost*	2 Owners Shared \$	3 Owners Shared \$	4 Owners Shared \$	5 Owners Shared \$	6 Owners Shared \$
2016	1731	1731	69.24	1592.52	796.26	530.84	398.13	318.50	265.42
2015	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2014	1724	1586	63.44	1459.19	729.60	486.40	364.80	291.84	243.20
2013	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2012	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2011	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2010	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2009	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2008	1514	1030	41.18	947.16	473.58	315.72	236.79	189.43	157.86
2007	1740	1114	44.54	1024.51	512.26	341.50	256.13	204.90	170.75
2006	1369	821	32.76	55.69	37.84	25.90	18.92	15.14	12.59
2005	1369	767	30.67	105.31	352.65	251.10	176.31	141.06	117.55
2004	1214	631	25.25	580.78	290.39	193.59	145.19	116.16	96.80
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DRAFT/SAMPLE

*Shared Costs are based on 23 feet of Common Area per Section 16 of the *Routine Handbook*.

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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March 15, 2016

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

Ms. April DeBarge – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Larry Chow – Southern California Edison
Ms. Brenda Davis – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. William Kearns – Verizon California
Mr. Ed Loescher – Verizon California
Mr. Bret Plaskey – Verizon California
Ms. Manijeh Carmichael - AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Kay Black – AT&T California
Ms. Lynn Prescott – Verizon Wireless
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Ms. Shawn Henderson – T-Mobile USA
Mr. Wilson Parrales – T- Mobile USA
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Mr. Earle Carrion- Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Maryam Farajzadeh – City of Vernon
Mr. Stephen Pebley – Frontier Communications
Ms. Sylvette Cuezon -

Ms. DeBarge called the meeting to order at 9:05 a.m.

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

Agenda Item 2 – Review of Pole Prices Matrix (for 2016): Ms. DeBarge notified the committee Edison has completed pricing for their H Class Poles. Draft 6 has been submitted to the Admin Board for approval.

Agenda Item 3 – Authorized Cost Study (Kay Black, AT&T California): Helicopter and Crane Sets – The committee reviewed definitions for the four types of pole sets provided by Verizon. The four types are Line Truck Set, Hand Set, Crane Set and Helicopter Set. Once definitions were reviewed the committee asked that Ms. Pranata forward a copy to all members. Ms. Hernandez asked Mr. Chow if Edison uses the same criteria for crane sets. She has had some issues with her field crew visiting the site and not agreeing with the use of a crane set. Mr. Chow explained there are times Edison will use a crane to set multiple poles on one street even if it is only needed for a single pole. Ms. Carmichael explained that in these cases the charge for crane set can only be charged once and should be charged to pole that required the crane set. The committee agreed. Mr. Chow believes this is currently being done by Edison but will look into it and confirm. Mr. Kearns asked that Verizon be given the opportunity of a joint meet to determine whether or not a crane set is needed. Ms. Hernandez likes this idea as well, but asked if it would be possible to have advance notice so she can coordinate with her field reps. Mr. Chow did not have a problem with either suggestion. Ms. Black admitted her field reps are not good about joint meets. She would prefer phone calls and photos. Ms. Black then asked Mr. Chow how Edison comes up with the percentage billed to the other party for crane sets. Mr. Chow explained Edison applies a set of components and methodology when calculating crane charges. The methodology is very similar to pole pricing. Mr. Chow will try to have the power point presentation on transportation costs for crane sets at the next meeting.

Agenda Item 4 – Members to Submit Individual Authorized Costs (Larry Chow, SCE) – Ms. DeBarge asked the committee how they felt about Individual Authorized Costs. Ms. Carmichael explained she is still against this idea. Mr. Chow feels each member should have the opportunity to recover their actual cost. After some discussion, Ms. DeBarge and Ms. Hernandez suggested the committee wait for all members to submit their pricing as usual, once the average is created the committee can compare it to individual pricing. The committee agreed this would make the most sense.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Mr. Kearns explained Verizon will be changing to Frontier Communications soon and he will be sending all needed information to Ms. Pranata soon.

Review of Action Items:

Authorized Cost – March 15, 2016

- Ms. Pranata to forward chart with pole set definitions to members.
- Mr. Chow to provide power point presentation on transportation costs for crane sets.
- Ms. Pranata to add Authorized Cost items 1-19 to April agenda.

The ad hoc meeting adjourned at 9:50 a.m. The next meeting is scheduled for April 19, 2016.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2016

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

25' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	CLASS	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		83.00	6.00	12.00	1494.00	480.00	**	441.00		224.10	2639	1	480	2639
TCA		83.00	6.00	12.00	1494.00	480.00	**	441.00		224.10	2639	1	480	2639
SPR		55.00	6.00	12.00	990.00	480.00	**	441.00	78.00	148.50	2138	1	480	2138
FON		55.00	6.00	12.00	990.00	480.00	**	441.00	78.00	148.50	2138	1	480	2138
NXT		83.00	6.00	12.00	1494	480.00	**	441		224.1	2639	1	480	2639
											0	0	0	0
	Salvage	480								TOTALS	12192	5	2400	12192
									Wgt Ave		2438		480	
	2015	PROP.	%											
	PRICE	2016	CHG.											
	2108	2438	16											

30' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	CLASS	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		83.00	6.00	12.00	1494.00	560.00	**	441.00		224.10	2719	1	560	2719
TCA		83.00	6.00	12.00	1494.00	560.00	**	441.00		224.10	2719	1	560	2719
SPR		55.00	6.00	12.00	990.00	560.00	**	441.00	78.00	148.50	2218	1	560	2218
FON		55.00	6.00	12.00	990.00	560.00	**	441.00	78.00	148.50	2218	1	560	2218
NXT		83.00	6.00	12.00	1494.00	560.00	**	441.00		224.10	2719	1	560	2719
											0	0	0	0
	Salvage	560								TOTALS	12592	5	2800	12592
									Wgt Ave		2518		560	
	2015	PROP.	%											
	PRICE	2016	CHG.											
	1854	2518	36											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	6	3750	16705
TCA		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	1	625	2784
SPR		55.00	6.00	12.00	990.00	625.00	**	441.00	78.00	148.50	2283	1	625	2283
FON		55.00	6.00	12.00	990.00	625.00	**	441.00	78.00	148.50	2283	1	625	2283
NXT		83.00	6.00	12.00	1494.00	625.00	**	441.00		224.10	2784	1	625	2784
V	2	92.58	1.00	4.00	462.9	410.00	41	416	200	100	1630	2	820	3260
											0	0	0	0
	Salvage	589												
										TOTALS	14547	12	7070	30098
									Wgt Ave		2508		589	

2015	PROP.	%
PRICE	2016	CHG.
1948	2508	29

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
TCA		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
SPR		55.00	8.00	14.00	1210.00	728.00	**	539.00	78.00	181.50	2737	1	728	2737
FON		55.00	8.00	14.00	1210.00	728.00	**	539.00	78.00	181.50	2737	1	728	2737
NXT		83.00	8.00	14.00	1826.00	728.00	**	539.00		273.90	3367	1	728	3367
V	1	92.58	1.00	4.00	462.9	570.00	57	416	200	100	1806	2	1140	3612
											0	0	0	0
	Salvage	683												
										TOTALS	17380	7	4780	19186
									Wgt Ave		2741		683	

2015	PROP.	%
PRICE	2016	CHG.
2208	2741	24

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

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		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104
TCA		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104
SPR		55.00	8.00	18.00	1430.00	985.00	**	637.00	78.00	214.50	3345	1	985	3345
FON		55.00	8.00	18.00	1430.00	985.00	**	637.00	78.00	214.50	3345	1	985	3345
NXT		83.00	8.00	18.00	2158.00	985.00	**	637.00		323.70	4104	1	985	4104
V	1	92.58	1.00	5.00	555.48	750.00		75	416	200	100	7	5250	14675
											0	0	0	0
	Salvage	848												
										TOTALS	21097	12	10175	33675
									Wgt Ave		2806		848	

2015 PRICE	PROP. 2016	% CHG.
2980	2806	-6

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		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	6	6150	27741
TCA		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	1	1025	4624
SPR		55.00	10.00	20.00	1650.00	1025.00	**	735.00	78.00	247.50	3736	4	4100	14942
FON		55.00	10.00	20.00	1650.00	1025.00	**	735.00	78.00	247.50	3736	1	1025	3736
NXT		83.00	10.00	20.00	2490.00	1025.00	**	735.00		373.50	4624	1	1025	4624
V	H2	92.58	1.00	8.00	833.22	1450.00		145	416	200	100	11	15950	34586
											0	0	0	0
	Salvage	1220												
										TOTALS	24486	24	29275	90252
									Wgt Ave		3760		1220	

2015 PRICE	PROP. 2016	% CHG.
3728	3760	1

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

55' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS				
ATC		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	ATC			
TCA		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	TCA			
SPR		55.00	10.00	26.00	1980.00	1530.00	**	882.00	78.00	297.00	4767	1	1530	4767	SPR			
FON		55.00	10.00	26.00	1980.00	1530.00	**	882.00	78.00	297.00	4767	1	1530	4767	FON			
NXT		83.00	10.00	26.00	2988.00	1530.00	**	882.00		448.20	5848	1	1530	5848	NXT			
V	H2	92.58	1.00	8.00	833.22	1500.00		150	416	200	100	3199	11	16500	35191	V		
											0	0	0	0				
	Salvage	1509																
										TOTALS	30278	16	24150	62270				
									Wgt Ave		3892		1509					

2015 PRICE	PROP. 2016	% CHG.
4411	3892	-12

60' POLE		LOADED			NO. OF HOURS			LOADED			ENG		Gen					
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS				
ATC		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00	7058	1	2100	7058	ATC			
TCA		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00	7058	1	2100	7058	TCA			
SPR		65.00	10.00	30.00	2600.00	2100.00	**	1140.00	78.00	390.00	6308	1	2100	6308	SPR			
FON		65.00	10.00	30.00	2600.00	2100.00	**	1140.00	78.00	390.00	6308	1	2100	6308	FON			
NXT		83.00	10.00	30.00	3320.00	2100.00	**	1140.00		498.00		1			NXT			
V	H2	92.58	1.00	8.00	833.22	1900.00		190.00	548.00	200.00	100.00	3771	9	17100	33941	V		
											0	0	0	0				
	Salvage	1821																
										TOTALS	30503	14	25500	60673				
									Wgt Ave		4334		1821					

2015 PRICE	PROP. 2016	% CHG.
6338	4334	-32

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

65' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	SPR
FON		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	FON
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763	V
											0	0	0	0	
	Salvage	1653									TOTALS	16680	3	4960	16680
									Wgt Ave		5560			1653	

2015	PROP.	%
PRICE	2016	CHG.
2924	5560	90

70' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	SPR
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	FON
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106	V
	Salvage	2540									TOTALS	22152	3	7620	22152
									Wgt Ave		7384			2540	

2015	PROP.	%
PRICE	2016	CHG.
7693	7384	-4

75' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	SPR
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	FON
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	1	2200	4405	V
	Salvage	2567									TOTALS	22451	3	7700	22451
									Wgt Ave		7484				

2015	PROP.	%
PRICE	2016	CHG.
7980	7484	-6

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

80' POLE	LOADED		NO. OF HOURS		LOADED				ENG						NO. OF POLES	F.O.B.		TOTAL COSTS
	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	Gen & Adm	TOTAL	TOTAL COSTS	TOTAL COSTS					
SPR		83.00	30.00	60.00	7470.00	3500.00	**	2925.00	78.00	1120.50	15094	1	3500	15094	SPR			
FON		83.00	30.00	60.00	7470.00	3500.00	**	2925.00	78.00	1120.50	15094	1	3500	15094	FON			
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230	V			
	Salvage	3317											TOTALS	35417	3	9950	35417	
													Wgt Ave	11806				
	2015 PRICE	PROP. 2016	% CHG.															
	8787	11806	34															

85' POLE	LOADED		NO. OF HOURS		LOADED				ENG						NO. OF POLES	F.O.B.		TOTAL COSTS
	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	Gen & Adm	TOTAL	TOTAL COSTS	TOTAL COSTS					
SPR		83.00	30.00	66.00	7968.00	4200.00	**	3120.00	78.00	1195.20	16561	1	4200	16561	SPR			
FON		83.00	30.00	66.00	7968.00	4200.00	**	3120.00	78.00	1195.20	16561	1	4200	16561	FON			
	Salvage	4200											TOTALS	33122	2	8400	33122	
													Wgt Ave	16561				
	2015 PRICE	PROP. 2016	% CHG.															
	9451	16561	75															

90' POLE	LOADED		NO. OF HOURS		LOADED				ENG						NO. OF POLES	F.O.B.		TOTAL COSTS
	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	Gen & Adm	TOTAL	TOTAL COSTS	TOTAL COSTS					
SPR		83.00	40.00	70.00	9130.00	4670.00	**	4400.00	78.00	1369.50	19648	1	4670	19648	SPR			
FON		83.00	40.00	70.00	9130.00	4670.00	**	4400.00	78.00	1369.50	19648	1	4670	19648	FON			
	Salvage	4670											TOTALS	39295	2	9340	39295	
													Wgt Ave	19648				
	2015 PRICE	PROP. 2016	% CHG.															
	10779	19648	82															

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
 JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687
FON		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687
											0		0	0
	Salvage	6000												
										TOTALS	47373	2	12000	47373
									Wgt Ave		23687			

2015	PROP.	%
PRICE	2016	CHG.
10779	23687	120

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741
FON		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741
											0		0	0
	Salvage	7000												
										TOTALS	53482	2	14000	53482
									Wgt Ave		26741			

2015	PROP.	%
PRICE	2016	CHG.
12663	26741	111

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750
FON		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750
											0		0	0
	Salvage	8000												
										TOTALS	59500	2	16000	59500
									Wgt Ave		29750			

2015	PROP.	%
PRICE	2016	CHG.

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2016

0 29750 #DIV/0!

NOTES:

- ATC Supply expense included in column material cost (FOB)
- TCA Supply expense included in column material cost (FOB)
- SPR Supply expense included in column material cost (FOB)
- FON Supply expense included in column material cost (FOB)

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.5	12	2174.23	215.48	64.64	186.94	191.88	1419.67	4253
										Salvage	215
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4429	4253	-4								

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	12.00	2174.23	302.17	90.65	186.94	191.88	1419.67	4366
										Salvage	302
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4540	4366	-4								

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	12.00	2174.23	358.13	107.44	186.94	191.88	1419.67	4438
										Salvage	358
	2015	PROP.	%								
	PRICE	2016	CHG.								
	4661	4438	-5								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	5	106.06	8.50	13.00	2280.29	672.10	201.63	186.94	191.88	1483.30	5016
										Salvage	672

2015	PROP.	%
PRICE	2016	CHG.
4995	5016	0

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
	2	92.58	1	4	462.9	410	41	416	200	100	1629.9
MP	3	106.06	8.50	13.00	2280.29	812.71	243.81	186.94	191.88	1483.30	5199
										Salvage	813

2015	PROP.	%
PRICE	2016	CHG.
5147	5199	1

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	3	106.06	8.50	14.00	2386.35	934.39	280.32	186.94	191.88	1546.94	5527
										Salvage	934

2015	PROP.	%
PRICE	2016	CHG.
5300	5527	4

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1083.48	325.04	186.94	191.88	1546.94	5721
										Salvage	1083

2015	PROP.	%
PRICE	2016	CHG.
5479	5721	4

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1257.10	377.13	186.94	191.88	1546.94	5946
										Salvage	1257
	2015	PROP.	%								
	PRICE	2016	CHG.								
	5726	5946	4								

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1312.78	393.83	186.94	191.88	1546.94	6019
										Salvage	1313
	2015	PROP.	%								
	PRICE	2016	CHG.								
	5916	6019	2								

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	1891.50	567.45	186.94	191.88	1610.57	6835
										Salvage	1892
	2015	PROP.	%								
	PRICE	2016	CHG.								
	6519	6835	5								

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	14.00	2386.35	2214.15	664.25	186.94	191.88	1610.57	7254
										Salvage	2214
	2015	PROP.	%								
	PRICE	2016	CHG.								
	6894	7254	5								

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF PASADENA
JOINT WOOD POLE PRICES FOR 2016

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2394.68	718.40	186.94	191.88	1674.21	7765
										Salvage	2395
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7117	7765	9							

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2660.43	798.13	186.94	191.88	1674.21	8110
										Salvage	2660
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7448	8110	9							

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	2967.56	890.27	186.94	191.88	1674.21	8509
										Salvage	2968
		2015	PROP.	%							
		PRICE	2016	CHG.							
		7829	8509	9							

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	2	106.06	8.50	16.00	2598.47	3596.25	1078.88	186.94	191.88	1674.21	9327
										Salvage	3596
		2015	PROP.	%							
		PRICE	2016	CHG.							
		8607	9327	8							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
 CITY OF PASADENA
 JOINT **WOOD** POLE PRICES FOR 2016

100' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG and	Gen &	
MEMBER	CLASS	RATE	TRANS. HDLING	DIG ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
MP	H1	106.06	8.50	16.00	2598.47	4054.70	1216.41	186.94	191.88	1674.21	9923
										Salvage	4055
		2015 PRICE	PROP. 2016	% CHG.							
		9223	9923	8							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF LOMPOC (LLW)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL		
LLW	3	150.00	4.00	6.00	1500.00	275.00	22.00	375.00	(*)	(*)	2172		
		2015	PROP.	%								Salvage	275
		PRICE	2016	CHG.									
		3054	2172	-29									

35' POLE		LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL		
LLW	3	150.00	4.00	6.00	1500.00	384.00	30.72	375.00	(*)	(*)	2290		
		2015	PROP.	%								Salvage	384
		PRICE	2016	CHG.									
		3627	2290	-37									

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL		
LLW	3	150	4	12	2400	420	33.6	600	(*)	(*)	3454		
		2015	PROP.	%								Salvage	420
		PRICE	2016	CHG.									
		3666	3454	-6									

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen			
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&			
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL		
LLW	3	150.00	4.00	8.00	1800.00	641.00	51.28	450.00	(*)	(*)	2942		
		2015	PROP.	%								Salvage	641
		PRICE	2016	CHG.									
		3312	2942	-11									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF LOMPOC (LLW)
 JOINT **WOOD** POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

MEMBER	CLASS	LOADED			LOADED			EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
		LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP				
LLW	3	150.00	4.00	8.00	1800.00	694.00	55.52	450.00	(*)	(*)	3000
		2015 PRICE	PROP. 2016	% CHG.						Salvage	694
		3520	3000	-15							

Note: Engineering/Planning and Gen&Admin included in loaded labor rate

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
JOINT WOOD POLE PRICES FOR 2016

	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	400.00			142.00	71.00	2173	
	2015	PROP.	%								Salvage	400
	PRICE	2016	CHG.									
	2125	2173	2									

45' POLE	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	ENG	Gen		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	467.00			142.00	71.00	2240	
	2015	PROP.	%								Salvage	467
	PRICE	2016	CHG.									
	2191	2240	2									

50' POLE	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	ENG	Gen		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
H	3	120.00	1.00	12.00	1560.00	618.00			142.00	71.00	2391	
	2015	PROP.	%								Salvage	618
	PRICE	2016	CHG.									
	2339	2391	2									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT&T CALIFORNIA - HLA,HSO,T
 JOINT **WOOD** POLE PRICES FOR 2016

MEMBER	A.S.A CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
H	3	120.00	1.00	15.00	1920.00	723.00			142.00	71.00	2856
										Salvage	723

2015 PRICE	PROP. 2016	% CHG.
2806	2856	2

H/T Supply expense, equipment expense, general&admin, included in column loaded labor rate

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790
		2015 PRICE	PROP. 2016	% CHG.						Salvage	486
		1790	1790	0							

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	619.17	247.67	*	N/A	174.64	1976
		2015 PRICE	PROP. 2016	% CHG.						Salvage	619
		1976	1976	0							

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166
		2015 PRICE	PROP. 2016	% CHG.						Salvage	754
		2166	2166	0							

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887
		2015 PRICE	PROP. 2016	% CHG.						Salvage	981
		2887	2887	0							

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen	
MEMBER	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL
LAC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354
	2	92.58	1	4	462.9	410	41	416	200	100	1630
		2015 PRICE	PROP. 2016	% CHG.						Salvage	1247
		3354	3354	0							

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
LAC		85.00	5.00	16.00	1785.00	1356.44	542.57	*	N/A	333.40	4017	
	2015	PROP.	%								Salvage	1356
	PRICE	2016	CHG.									
	4017	4017	0									

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
LAC		85.00	5.00	16.00	1785.00	1520.28	608.09	*	N/A	333.40	4247	
	2015	PROP.	%								Salvage	1520
	PRICE	2016	CHG.									
	4247	4247	0									

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
LAC	2	85.00	5.00	20.00	2125.00	1693.64	677.45	*	N/A	396.90	4893	
	2015	PROP.	%								Salvage	1694
	PRICE	2016	CHG.									
	4893	4893	0									

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
LAC		85.00	5.00	20.00	2125.00	1943.22	777.17	*	N/A	396.90	5242	
	2015	PROP.	%								Salvage	1943
	PRICE	2016	CHG.									
	5242	5242	0									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
AT & T MOBILITY (LAC)
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
LAC		85.00	5.00	26.00	2635.00	3261.57	1304.62	*	N/A	492.16	7693	
	2015	PROP.	%								Salvage	3262
	PRICE	2016	CHG.									
	7693	7693	0									

Note: Equipment expense included in loaded labor rate
Pole Prices for 75'-100' are not available

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	3	93.50	1.00	4.00	467.50	469.09	0.00	489.60	206.04	446.60	2079	
	2015	PROP.	%								Salvage	469
	PRICE	2016	CHG.									
	2046	2079	2									

	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	1	93.50	1.00	4.00	467.50	578.01	0.00	489.60	206.04	446.60	2188	
	2015	PROP.	%								Salvage	578
	PRICE	2016	CHG.									
	2153	2188	2									

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	1	93.50	1.00	5.00	561.00	816.77	0.00	489.60	206.04	446.60	2520	
	2015	PROP.	%								Salvage	817
	PRICE	2016	CHG									
	2479	2520	2									

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
SCW (GSW/Golden State Water/Bear Valley Electric
JOINT WOOD POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
SCW	H3	93.50	1.00	8.00	841.50	1876.13	0.00	489.60	206.04	446.60	3860	
	2015	PROP.	%								Salvage	1876
	PRICE	2016	CHG.									
	3796	3860	2									

55' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen		
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		
MEMBER	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	
	2	92.58	1	4	462.9	410	41	416	200	100	1629.9	
SCW	H4	93.50	1.00	8.00	841.50	1667.80	0.00	489.60	206.04	446.60	3652	
	2015	PROP.	%								Salvage	1668
	PRICE	2016	CHG.									
	3591	3652	2									

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

SCJPC Member Utility submitting:

Los Angeles Department of Water & Power

Weighted Average

Individual Costs

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

2016

1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
35'	3	138.27	4	14.65	2578.74	428.00	89.88	193.76	138.21	19.36	3448	3811	-9.53%	428
40'	3	138.27	4	14.65	2578.74	522.00	109.62	193.76	138.21	19.36	3562	3919	-9.12%	522
45'	2	138.27	4	14.65	2578.74	709.00	148.89	193.76	138.21	19.36	3788	4134	-8.37%	709
50'	2	138.27	4	14.65	2578.74	822.00	172.62	193.76	138.21	19.36	3925	5176	-24.18%	822
50'	H3	138.27	4	14.65	2578.74	1615.00	339.15	193.76	138.21	19.36	4884		#DIV/0!	1615
55'	2	138.27	4	14.65	2578.74	964.00	202.44	193.76	138.21	19.36	4097	5518	-25.76%	964
55'	H3	138.27	4	14.65	2578.74	1912.00	401.52	193.76	138.21	19.36	5244		#DIV/0!	1912
60'	2	138.27	4	14.65	2578.74	1117.00	234.57	193.76	138.21	19.36	4282	4604	-7.00%	1117
65'	2	138.27	4	16.25	2799.97	1322.00	277.62	214.93	138.21	19.36	4772	5110	-6.61%	1322
70'	2	138.27	4	16.25	2799.97	1453.00	305.13	214.93	138.21	19.36	4931	6821	-27.71%	1453
70'	H3	138.27	4	16.25	2799.97	2810.00	590.10	214.93	138.21	19.36	6573		#DIV/0!	2810
75'	2	138.27	4	16.25	2799.97	1704.00	357.84	214.93	138.21	19.36	5234	5549	-5.67%	1704
80'	2	138.27	4	16.25	2799.97	1950.00	409.50	214.93	138.21	19.36	5532	5832	-5.14%	1950
85'	2	138.27	4	16.25	2799.97	2191.00	460.11	214.93	138.21	19.36	5824	6109	-4.67%	2191
90'	2	138.27	4	16.25	2799.97	2576.00	540.96	214.93	138.21	19.36	6289	6552	-4.01%	2576
95'	2	138.27	4	16.25	2799.97	2906.00	610.26	214.93	138.21	19.36	6689	6931	-3.50%	2906
100'	2	138.27	4	16.25	2799.97	3308.00	694.68	214.93	138.21	19.36	7175	7394	-2.96%	3308
110'	2	138.27	4	16.25	2799.97	4993.00	1048.53	214.93	138.21	19.36	9214	9331	-1.25%	4993

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

SCJPC Member Utility submitting: **Verizon**

Person completing worksheet: **William Kearns**

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

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

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
25'	2	72	8	11	1372	356	31	*	92	28	1,880	No 2015 individual price. VZ was included in the 2015 weighted average		356
	3	72	8	11	1372	297	25	*	92	28	1,815	No 2015 individual price. VZ was included in the 2015 weighted average		297
	4	72	8	11	1372	251	21	*	92	28	1,764	No 2015 individual price. VZ was included in the 2015 weighted average		251
	5	72	8	11	1372	220	19	*	92	28	1,731	No 2015 individual price. VZ was included in the 2015 weighted average		220
30'	2	72	8	11	1372	474	41	*	92	28	2,008	No 2015 individual price. VZ was included in the 2015 weighted average		474
	3	72	8	11	1372	391	33	*	92	28	1,916	No 2015 individual price. VZ was included in the 2015 weighted average		391
	4	72	8	11	1372	344	29	*	92	28	1,866	No 2015 individual price. VZ was included in the 2015 weighted average		344
	5	72	8	11	1372	289	25	*	92	28	1,807	No 2015 individual price. VZ was included in the 2015 weighted average		289
35'	2	72	8	11	1372	569	49	*	92	28	2,110	No 2015 individual price. VZ was included in the 2015 weighted average		569
	3	72	8	11	1372	487	42	*	92	28	2,021	No 2015 individual price. VZ was included in the 2015 weighted average		487
	4	72	8	11	1372	441	38	*	92	28	1,971	No 2015 individual price. VZ was included in the 2015 weighted average		441
	5	72	8	11	1372	336	31	*	92	28	1,859	No 2015 individual price. VZ was included in the 2015 weighted average		336
40'	2	72	8	11	1372	712	61	*	92	28	2,265	No 2015 individual price. VZ was included in the 2015 weighted average		712
	3	72	8	11	1372	617	51	*	92	28	2,161	No 2015 individual price. VZ was included in the 2015 weighted average		617
	4	72	8	11	1372	553	45	*	92	28	2,090	No 2015 individual price. VZ was included in the 2015 weighted average		553
	5	72	8	11	1372	450	39	*	92	28	1,981	No 2015 individual price. VZ was included in the 2015 weighted average		450
45'	2	72	8	11	1372	868	74	*	92	28	2,434	No 2015 individual price. VZ was included in the 2015 weighted average		868
	3	72	8	11	1372	800	67	*	92	28	2,359	No 2015 individual price. VZ was included in the 2015 weighted average		800
	4	72	8	11	1372	643	55	*	92	28	2,190	No 2015 individual price. VZ was included in the 2015 weighted average		643
	5	72	8	11	1372	560	48	*	92	28	2,100	No 2015 individual price. VZ was included in the 2015 weighted average		560
50'	2	72	8	14	1589	1238	87	*	92	28	3,034	No 2015 individual price. VZ was included in the 2015 weighted average		1238
	3	72	8	14	1589	873	75	*	92	28	2,657	No 2015 individual price. VZ was included in the 2015 weighted average		873

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

SCJPC Member Utility submitting: **Verizon**

Person completing worksheet: **William Kearns**

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

**** Weighted Average Individual Costs

The salvage value is based on the cost F.O.B. prescribed formula (Column 6) **2016**

1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
	4	72	8	14	1589	749	64	*	92	28	2,522	No 2015 individual price. VZ was included in the 2015 weighted average		749
	5													0
55'	2	72	8	14	1589	1359	100	*	92	28	3,168	No 2015 individual price. VZ was included in the 2015 weighted average		1359
	3	72	8	14	1589	1029	88	*	92	28	2,826	No 2015 individual price. VZ was included in the 2015 weighted average		1029
	4													0
60'	2	72	8	14	1589	1351	116	*	92	28	3,176	No 2015 individual price. VZ was included in the 2015 weighted average		1351
	3	72	8	14	1589	1150	98	*	92	28	2,957	No 2015 individual price. VZ was included in the 2015 weighted average		1150
65'	2	72	8	14	1589	1648	141	*	92	28	3,498	No 2015 individual price. VZ was included in the 2015 weighted average		1648
	3	72	8	14	1589	1319	113	*	92	28	3,140	No 2015 individual price. VZ was included in the 2015 weighted average		1319
70'		0	0	0	0						0			
75'		0	0	0	0						0			
80'		0	0	0	0						0			
85'		0	0	0	0						0			
90'		0	0	0	0						0			
95'		0	0	0	0						0			
100'		0	0	0	0						0			
110'		0	0	0	0						0			

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF 1 piece) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

		1	2	3	4	5	6	7	8	9	10	11			
Pole Length	GLM Capacity	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	2015 price	% of Change	Salvage 2016	
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
40'	115,000f t-lbs	138.27	4	14.65	2578.74	1318.90	276.97	193.76	138.21	19.36	4526	4843	-6.55%	1319	
45'	115,000f t-lbs	138.27	4	14.65	2578.74	1495.40	314.03	193.76	138.21	19.36	4739	5183	-8.56%	1495	
50'	115,000f t-lbs	138.27	4	14.65	2578.74	1894.40	397.82	193.76	138.21	19.36	5222	5508	-5.19%	1894	

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CM 2 pcs) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

2016

	1	2	3	4	5	6	7	8	9	10	11			
Pole Length	GLM Capacity	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	2015 price	% of Change	Salvage 2016
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
40'	96,500 ft-lbs	138.27	4	14.65	2578.74	2676.24	562.01	193.76	138.21	19.36	6168	6499	-5.09%	2676
45'	97,500 ft-lbs	138.27	4	14.65	2578.74	2803.19	588.67	193.76	138.21	19.36	6322	6765	-6.55%	2803
50'	101,300 ft lbs	138.27	4	14.65	2578.74	2909.84	611.07	193.76	138.21	19.36	6451	6723	-4.05%	2910
55'	136,000 ft-lbs	138.27	4	14.65	2578.74	3015.47	633.25	193.76	138.21	19.36	6579	N/A	#VALUE!	3015
60'	150,000 ft-lbs	138.27	4	14.65	2578.74	3163.76	664.39	193.76	138.21	19.36	6758	N/A	#VALUE!	3164

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
 For **Lightweight Steel** Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

***** Weighted Average Individual Costs

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost (\$)	2015 price	% of Change	Salvage 2016
		0.00	0	0.00	0.00						0			
30'	230,000 ft-lbs	138.27	4	14.65	2578.74	2146.07	450.67	193.76	138.21	19.36	5527	6957	-20.56%	2146
50'	170,000 ft-lbs	138.27	4	14.65	2578.74	2411.20	506.35	193.76	138.21	19.36	5848	6771	-13.64%	2411
55'	189,300 ft-lbs	138.27	4	14.65	2578.74	3340.06	701.41	193.76	138.21	19.36	6972	7810	-10.74%	3340
60'	208,000 ft-lbs	138.27	4	14.65	2578.74	3553.90	746.32	193.76	138.21	19.36	7230	8295	-12.84%	3554
65'	226,700 ft-lbs	138.27	4	16.25	2799.97	3771.60	792.04	214.93	138.21	19.36	7736	8841	-12.50%	3772
70'	245,000 ft-lbs	138.27	4	16.25	2799.97	4190.56	880.02	214.93	138.21	19.36	8243	9095	-9.37%	4191
70' Heavy	318,600 ft-lbs	138.27	4	16.25	2799.97	4426.64	929.59	214.93	138.21	19.36	8529	9376	-9.04%	4427
75'	264,000 ft-lbs	138.27	4	16.25	2799.97	4499.21	944.83	214.93	138.21	19.36	8617	9540	-9.68%	4499
75' Heavy	343,000 ft-lbs	138.27	4	16.25	2799.97	4723.69	991.97	214.93	138.21	19.36	8888	9931	-10.50%	4724
80'	282,000 ft-lbs	138.27	4	16.25	2799.97	4408.23	925.73	214.93	138.21	19.36	8506	9742	-12.68%	4408
80' Heavy	367,000 ft-lbs	138.27	4	16.25	2799.97	4717.06	990.58	214.93	138.21	19.36	8880	9802	-9.41%	4717
85'	301,600 ft-lbs	138.27	4	16.25	2799.97	4602.57	966.54	214.93	138.21	19.36	8742	10938	-20.08%	4603
90'	320,000 ft-lbs	138.27	4	16.25	2799.97	4946.03	1038.67	214.93	138.21	19.36	9157	10028	-8.68%	4946
100'	357,800 ft-lbs	138.27	4	16.25	2799.97	5548.29	1165.14	214.93	138.21	19.36	9886	11990	-17.55%	5548
110'	395,000 ft-lbs	138.27	4	16.25	2799.97	7093.39	1489.61	214.93	138.21	19.36	11755	16975	-30.75%	7093
													0	

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

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For **Concrete** Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling	Digging & Erecting	Total Direct Labor	Material Cost (FOB)	Supply Expense	Equipment Expense	1 Hour Engineering & Planning	General & Admin.	Total Cost	2015 price	% of Change	Salvage 2016
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
35'	2	138.27	4	8.70	1756.03	4089.00	858.69	193.76	138.21	19.36	7055	7075	-0.28%	4089
50'	H-5	138.27	4	8.70	1756.03	3995.00	838.95	193.76	138.21	19.36	6941	6967	-0.37%	3995
60'	H-1	138.27	4	8.70	1756.03	4189.00	879.69	193.76	138.21	19.36	7176	7190	-0.19%	4189
70'	H-4	138.27	4	11.90	2198.49	4314.00	905.94	193.76	138.21	19.36	7770	2913	166.73%	4314

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2016 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron (DI) Pole Set/ Replacement

SCJPC Member Utility submitting:

Los Angeles Department of Water and Power

Weighted Average

Individual Costs

XXXXXXXXXX

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

											2016			
1	2	3	4	5	6	7	8	9	10	11				
Pole Length	GLM Capacity	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	2015 price	% of Change	Salvage 2016
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
50'	98,600 ft-lbs	138.27	4	14.65	2578.74	2390.84	502.08	193.76	138.21	19.36	5823	6156	-5.41%	2391
50' Heavy	143,900 ft-lbs	138.27	4	14.65	2578.74	1974.07	414.55	193.76	138.21	19.36	5319	5812	-8.49%	1974
55'	133,100 ft-lbs	138.27	4	14.65	2578.74	2544.33	534.31	193.76	138.21	19.36	6009	6334	-5.14%	2544
55' Heavy	221,800 ft-lbs	138.27	4	14.65	2578.74	3736.70	784.71	193.76	138.21	19.36	7451	7986	-6.69%	3737

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

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

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
CITY OF ANAHEIM
JOINT DUCTILE IRON (DI) POLE PRICES FOR 2016

The salvage value is based on the cost F.O.B. prescribed formula.

MEMBER	CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
D	H-2	106.06	8.5	14	2386.35	2633.40	325.04	186.94	191.88	1422.913	7146.523
										Salvage	2633
		2015 PRICE	PROP. 2016	% CHG.							
		N/A	7147								

MEMBER	CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
D	H-2	106.06	8.5	14	2386.35	2956.36	325.04	186.94	191.88	1498.809	7545.379
										Salvage	2633
		2015 PRICE	PROP. 2016	% CHG.							
		N/A	7545								

MEMBER	CLASS	LOADED LABOR RATE	NO. OF HOURS		LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
			TRANS. HDLING	DIG ERECT							
D	H-2	106.06	8.5	14	2386.35	3146.56	325.04	186.94	191.88	1543.506	7780.276
										Salvage	2633
		2015 PRICE	PROP. 2016	% CHG.							
		N/A	7780								

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 25'-35' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
25' / 5	\$217.25	4.00	8.20	\$2,650.45	\$243.96	\$20.86	*	\$217.25	\$439.49	\$3,572.01
30' / 5	\$217.25	4.00	8.20	\$2,650.45	\$326.50	\$27.92	*	\$217.25	\$452.06	\$3,674.18
35' / 3	\$217.25	4.00	8.20	\$2,650.45	\$566.23	\$48.41	*	\$217.25	\$488.57	\$3,970.91

SCJPC DEFINITIONS OF ELEMENTS

- Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
- Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
- Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
- Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
- Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
- Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
- Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
- Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
- Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
- General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.
- Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

change year to year.

2016 JOINT 25'-35' WOOD POLE PRICES

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 40' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
40' / 2	\$217.25	4.00	10.40	\$3,128.40	\$841.75	\$71.97	*	\$217.25	\$597.59	\$4,856.96
40' / H1	\$217.25	4.00	10.40	\$3,128.40	\$1,276.39	\$109.13	*	\$217.25	\$663.78	\$5,394.95
40' / H2	\$217.25	4.00	10.40	\$3,128.40	\$1,355.03	\$115.86	*	\$217.25	\$675.76	\$5,492.30
40' / H3	\$217.25	4.00	10.40	\$3,128.40	\$1,691.37	\$144.61	*	\$217.25	\$726.98	\$5,908.61

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.
11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

change year to year.

[2016 JOINT 40' WOOD POLE PRICES](#)

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 45' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
45' / 2	\$217.25	4.00	10.40	\$3,128.40	\$1,053.71	\$90.09	*	\$217.25	\$629.87	\$5,119.32
45' / H1	\$217.25	4.00	10.40	\$3,128.40	\$1,429.18	\$122.19	*	\$217.25	\$687.05	\$5,584.07
45' / H2	\$217.25	4.00	10.40	\$3,128.40	\$1,732.29	\$148.11	*	\$217.25	\$733.21	\$5,959.26
45' / H3	\$217.25	4.00	10.40	\$3,128.40	\$1,990.66	\$170.20	*	\$217.25	\$772.56	\$6,279.07
45' / H4	\$217.25	4.25	12.60	\$3,660.66	\$2,234.58	\$191.06	*	\$217.25	\$884.39	\$7,187.94
45' / H5	\$217.25	4.25	12.60	\$3,660.66	\$2,450.53	\$209.52	*	\$217.25	\$917.28	\$7,455.24

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 45' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 50' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
50' / 2	\$217.25	4.00	10.40	\$3,128.40	\$1,255.09	\$107.31	*	\$217.25	\$660.54	\$5,368.59
50' / H1	\$217.25	4.00	10.40	\$3,128.40	\$1,701.86	\$145.51	*	\$217.25	\$728.58	\$5,921.60
50' / H2	\$217.25	4.00	10.40	\$3,128.40	\$1,955.18	\$167.17	*	\$217.25	\$767.16	\$6,235.16
50' / H3	\$217.25	4.00	10.40	\$3,128.40	\$2,294.73	\$196.20	*	\$217.25	\$818.87	\$6,655.45
50' / H4	\$217.25	4.25	12.60	\$3,660.66	\$2,507.51	\$214.39	*	\$217.25	\$925.95	\$7,525.76
50' / H5	\$217.25	4.25	12.60	\$3,660.66	\$2,810.72	\$240.32	*	\$217.25	\$972.13	\$7,901.08

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 50' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 55' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
55' / 2	\$217.25	4.00	10.40	\$3,128.40	\$1,404.09	\$120.05	*	\$217.25	\$683.23	\$5,553.02
55' / H1	\$217.25	4.00	10.40	\$3,128.40	\$1,895.78	\$162.09	*	\$217.25	\$758.11	\$6,161.63
55' / H2	\$217.25	4.00	10.40	\$3,128.40	\$2,182.62	\$186.61	*	\$217.25	\$801.80	\$6,516.68
55' / H3	\$217.25	4.25	12.60	\$3,660.66	\$2,647.13	\$226.33	*	\$217.25	\$947.22	\$7,698.59
55' / H4	\$217.25	4.25	12.60	\$3,660.66	\$2,842.92	\$243.07	*	\$217.25	\$977.04	\$7,940.94
55' / H5	\$217.25	4.25	12.60	\$3,660.66	\$3,210.57	\$274.50	*	\$217.25	\$1,033.03	\$8,396.01

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 55' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 60' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
60' / 1	\$217.25	4.00	10.40	\$3,128.40	\$1,949.26	\$166.66	*	\$217.25	\$766.26	\$6,227.83
60' / H1	\$217.25	4.25	12.60	\$3,660.66	\$2,363.39	\$202.07	*	\$217.25	\$904.01	\$7,347.38
60' / H2	\$217.25	4.25	12.60	\$3,660.66	\$2,658.12	\$227.27	*	\$217.25	\$948.89	\$7,712.19
60' / H3	\$217.25	4.25	12.60	\$3,660.66	\$3,013.64	\$257.67	*	\$217.25	\$1,003.04	\$8,152.26
60' / H4	\$217.25	4.25	12.60	\$3,660.66	\$3,324.47	\$284.24	*	\$217.25	\$1,050.37	\$8,536.99
60' / H5	\$217.25	4.25	15.50	\$4,290.69	\$3,676.91	\$314.38	*	\$217.25	\$1,192.44	\$9,691.67

SCJPC DEFINITIONS OF ELEMENTS

- Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
- Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
- Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
- Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
- Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
- Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
- Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
- Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
- Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
- General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 60' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 65' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
65' / 1	\$217.25	4.00	10.40	\$3,128.40	\$2,365.72	\$202.27	*	\$217.25	\$829.68	\$6,743.32
65' / H1	\$217.25	4.25	12.60	\$3,660.66	\$2,694.64	\$230.39	*	\$217.25	\$954.45	\$7,757.39
65' / H2	\$217.25	4.25	12.60	\$3,660.66	\$3,148.76	\$269.22	*	\$217.25	\$1,023.61	\$8,319.50
65' / H3	\$217.25	4.25	12.60	\$3,660.66	\$3,408.52	\$291.43	*	\$217.25	\$1,063.17	\$8,641.03
65' / H4	\$217.25	4.25	12.60	\$3,660.66	\$3,849.35	\$329.12	*	\$217.25	\$1,130.31	\$9,186.69
65' / H5	\$217.25	4.25	15.50	\$4,290.69	\$3,849.84	\$329.16	*	\$217.25	\$1,218.78	\$9,905.72

SCJPC DEFINITIONS OF ELEMENTS

- Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
- Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
- Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
- Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
- Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
- Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
- Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
- Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
- Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
- General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 65' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 70' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
70' / 1	\$217.25	4.25	12.60	\$3,660.66	\$2,689.40	\$229.94	*	\$217.25	\$953.65	\$7,750.90
70' / H1	\$217.25	4.25	12.60	\$3,660.66	\$2,719.78	\$232.54	*	\$217.25	\$958.28	\$7,788.51
70' / H2	\$217.25	4.25	12.60	\$3,660.66	\$3,176.35	\$271.58	*	\$217.25	\$1,027.82	\$8,353.66
70' / H3	\$217.25	4.25	12.60	\$3,660.66	\$3,439.48	\$294.08	*	\$217.25	\$1,067.89	\$8,679.36
70' / H4	\$217.25	4.25	15.50	\$4,290.69	\$3,884.11	\$332.09	*	\$217.25	\$1,224.00	\$9,948.14

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: In Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.
11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 70' WOOD POLE PRICES

12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July of Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 75' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
75' / 1	\$217.25	4.25	12.60	\$3,660.66	\$3,005.65	\$256.98	*	\$217.25	\$1,001.82	\$8,142.36
75' / H1	\$217.25	4.25	12.60	\$3,660.66	\$3,281.95	\$280.61	*	\$217.25	\$1,043.90	\$8,484.37
75' / H2	\$217.25	4.25	12.60	\$3,660.66	\$3,760.58	\$321.53	*	\$217.25	\$1,116.79	\$9,076.81
75' / H3	\$217.25	4.25	12.60	\$3,660.66	\$4,140.73	\$354.03	*	\$217.25	\$1,174.69	\$9,547.36
75' / H4	\$217.25	4.25	15.50	\$4,290.69	\$4,763.85	\$407.31	*	\$217.25	\$1,357.98	\$11,037.08
75' / H5	\$217.25	4.25	15.50	\$4,290.69	\$5,268.84	\$450.49	*	\$217.25	\$1,434.89	\$11,662.16

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: In Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 75' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 80' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
80' / 1	\$217.25	4.25	12.60	\$3,660.66	\$3,505.23	\$299.70	*	\$217.25	\$1,077.90	\$8,760.74
80' / H1	\$217.25	4.25	12.60	\$3,660.66	\$3,596.11	\$307.47	*	\$217.25	\$1,091.74	\$8,873.23
80' / H2	\$217.25	4.25	15.50	\$4,290.69	\$4,216.02	\$360.47	*	\$217.25	\$1,274.55	\$10,358.98
80' / H3	\$217.25	4.25	15.50	\$4,290.69	\$4,644.92	\$397.14	*	\$217.25	\$1,339.86	\$10,889.86
80' / H4	\$217.25	4.25	15.50	\$4,290.69	\$5,185.58	\$443.37	*	\$217.25	\$1,422.21	\$11,559.10
80' / H5	\$217.25	4.25	15.50	\$4,290.69	\$5,861.79	\$501.18	*	\$217.25	\$1,525.19	\$12,396.10

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: In Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 80' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 85' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
85' / 1	\$217.25	4.25	12.60	\$3,660.66	\$3,845.15	\$328.76	*	\$217.25	\$1,129.67	\$9,181.49
85' / H1	\$217.25	4.25	15.50	\$4,290.69	\$3,853.83	\$329.50	*	\$217.25	\$1,219.39	\$9,910.66
85' / H2	\$217.25	4.25	15.50	\$4,290.69	\$4,568.22	\$390.58	*	\$217.25	\$1,328.18	\$10,794.92
85' / H3	\$217.25	4.25	15.50	\$4,290.69	\$5,032.74	\$430.30	*	\$217.25	\$1,398.93	\$11,369.91
85' / H4	\$217.25	4.25	15.50	\$4,290.69	\$5,703.14	\$487.62	*	\$217.25	\$1,501.03	\$12,199.73
85' / H5	\$217.25	4.25	15.50	\$4,290.69	\$6,561.29	\$560.99	*	\$217.25	\$1,631.72	\$13,261.94

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or lineman are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: In Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 85' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 90' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
90' / 1	\$217.25	4.25	15.50	\$4,290.69	\$4,460.12	\$381.34	*	\$217.25	\$1,311.72	\$10,661.12
90' / H1	\$217.25	4.25	15.50	\$4,290.69	\$4,434.65	\$379.16	*	\$217.25	\$1,307.84	\$10,629.59
90' / H2	\$217.25	4.25	15.50	\$4,290.69	\$4,180.17	\$357.40	*	\$217.25	\$1,269.09	\$10,314.60
90' / H3	\$217.25	4.25	15.50	\$4,290.69	\$5,650.13	\$483.09	*	\$217.25	\$1,492.95	\$12,134.11
90' / H4	\$217.25	4.25	15.50	\$4,290.69	\$6,335.26	\$541.66	*	\$217.25	\$1,597.30	\$12,982.16
90' / H5	\$217.25	4.25	15.50	\$4,290.69	\$7,256.69	\$620.45	*	\$217.25	\$1,737.63	\$14,122.71

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: In Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 90' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

SCJPC Member Company Submitting:
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2016 JOINT 95' WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST
95' / 1	\$217.25	4.25	15.50	\$4,290.69	\$4,799.16	\$410.33	*	\$217.25	\$1,363.36	\$11,080.79
95' / H1	\$217.25	4.25	15.50	\$4,290.69	\$5,010.61	\$428.41	*	\$217.25	\$1,395.56	\$11,342.52
95' / H2	\$217.25	4.25	15.50	\$4,290.69	\$5,345.07	\$457.00	*	\$217.25	\$1,446.49	\$11,756.50
95' / H3	\$217.25	4.25	15.50	\$4,290.69	\$6,064.81	\$518.54	*	\$217.25	\$1,556.11	\$12,647.40
95' / H4	\$217.25	4.25	15.50	\$4,290.69	\$6,768.87	\$578.74	*	\$217.25	\$1,663.33	\$13,518.88
95' / H5	\$217.25	4.25	15.50	\$4,290.69	\$7,730.21	\$660.93	*	\$217.25	\$1,809.74	\$14,708.82

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: In Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.

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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT 95' WOOD POLE PRICES

- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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Call Back Telephone Number:

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(909) 548-7018

2016 JOINT FIBERGLASS POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.05%	TOTAL COST
30' / 5	\$217.25	4.00	8.20	\$2,650.45	\$889.69	\$76.07	*	\$217.25	\$538.60	\$4,372.06
35' / 5	\$217.25	4.00	8.20	\$2,650.45	\$1,715.78	\$146.70	*	\$217.25	\$664.59	\$5,394.77
40' / 5	\$217.25	4.00	10.40	\$3,128.40	\$1,976.21	\$168.97	*	\$217.25	\$771.46	\$6,262.29
45' / 4	\$217.25	4.00	10.40	\$3,128.40	\$2,127.65	\$181.91	*	\$217.25	\$794.56	\$6,449.77
50' / 3	\$217.25	4.00	10.40	\$3,128.40	\$2,607.71	\$222.96	*	\$217.25	\$867.77	\$7,044.09
55' / 3	\$217.25	4.00	10.40	\$3,128.40	\$2,975.66	\$254.42	*	\$217.25	\$923.89	\$7,499.62
60' / 2	\$217.25	4.00	10.40	\$3,128.40	\$5,882.89	\$502.99	*	\$217.25	\$1,367.28	\$11,098.81
65' / H3	\$217.25	4.00	12.60	\$3,606.35	\$5,432.83	\$464.51	*	\$217.25	\$1,365.79	\$11,086.73
70' / H3	\$217.25	4.00	12.60	\$3,606.35	\$5,437.56	\$464.91	*	\$217.25	\$1,366.51	\$11,092.58

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or linemen are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventor Expense;
 - Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied

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FOR POLE SET/REPLACEMENT FOR MUTUAL BENEFIT**

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LARRY CHOW
(909) 548-7018

2016 JOINT FIBERGLASS POLE PRICES

by the amount of hour(s) taken to perform this task on a per pole basis.

- 10. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.
- 11. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, and Column #10.
- 12. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

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SOUTHERN CALIFORNIA EDISON COMPANY
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(909) 548-7018

2016 JOINT STEEL POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLING (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	CRANE CHARGE	GENERAL & ADMIN. 14.05%	TOTAL COST
40' / H5	\$217.25	4.00	10.40	\$3,128.40	\$3,526.65	\$301.53	*	\$217.25	\$410.00	\$1,065.53	\$8,649.36
45' / H5	\$217.25	4.00	10.40	\$3,128.40	\$3,906.79	\$334.03	*	\$217.25	\$410.00	\$1,123.50	\$9,119.97
50' / 1	\$217.25	4.00	10.40	\$3,128.40	\$3,393.17	\$290.12	*	\$217.25	\$580.00	\$1,069.06	\$8,678.00
55' / 1	\$217.25	5.00	10.40	\$3,345.65	\$3,833.91	\$327.80	*	\$217.25	\$580.00	\$1,166.80	\$9,471.41
60' / 1	\$217.25	5.00	10.40	\$3,345.65	\$4,289.82	\$366.78	*	\$217.25	\$580.00	\$1,236.33	\$10,035.83
65' / 1	\$217.25	5.00	12.60	\$3,823.60	\$4,078.38	\$348.70	*	\$217.25	\$850.00	\$1,309.17	\$10,627.10
70' / 1	\$217.25	5.00	12.60	\$3,823.60	\$4,301.70	\$367.80	*	\$217.25	\$850.00	\$1,343.23	\$10,903.58
75' / 1	\$217.25	5.00	12.60	\$3,823.60	\$4,695.21	\$401.44	*	\$217.25	\$790.00	\$1,394.81	\$11,322.31
80' / 1	\$217.25	5.00	12.60	\$3,823.60	\$4,935.54	\$421.99	*	\$217.25	\$790.00	\$1,431.47	\$11,619.85
85' / 1	\$217.25	5.00	12.60	\$3,823.60	\$5,182.70	\$443.12	*	\$217.25	\$1,000.00	\$1,498.67	\$12,165.34
90' / 1	\$217.25	5.00	15.50	\$4,453.63	\$5,442.43	\$465.33	*	\$217.25	\$1,230.00	\$1,659.11	\$13,467.75
95' / 1	\$217.25	5.00	15.50	\$4,453.63	\$5,708.63	\$488.09	*	\$217.25	\$1,230.00	\$1,699.71	\$13,797.31
100' / 1	\$217.25	5.00	15.50	\$4,453.63	\$5,838.00	\$499.15	*	\$217.25	\$1,230.00	\$1,719.44	\$13,957.47
105' / 1	\$217.25	5.00	15.50	\$4,453.63	\$6,061.68	\$518.27	*	\$217.25	\$1,230.00	\$1,753.56	\$14,234.39
110' / 1	\$217.25	5.00	15.50	\$4,453.63	\$6,947.10	\$593.98	*	\$217.25	\$1,230.00	\$1,888.60	\$15,330.56

SCJPC DEFINITIONS OF ELEMENTS

1. **Length - Length of pole purchased.** Class - American Standards Association Classification of pole purchased (3).
2. **Direct Labor (loaded)** - Input the hourly rate that field technicians or lineman are compensated that includes health benefits, vacation, sick leave, etc.
3. **Transporting and Handling** - The average number of employee hours (rounded to one decimal place i.e., nearest on tenth of an hour) related to loading and transporting a pole from the distribution point to the job site. (Reflects only employees directly related to the loading and transporting operation). Two (2) hours has been determined as an acceptable average for this activity, however variations are allowed when necessary.
4. **Digging and Erecting** - The average number of employee hours (rounded to one decimal place i.e., nearest one tenth of an hour) associated with digging and erecting a pole. The hours designated for this activity should also include the set-up time to perform the job, the safety tailboard meeting, and the demobilization at the conclusion of the job. Note: Digging reflects an average of all soil conditions and setting locations (e.g. property line or curbside). Excluded are transportation and handling which was addressed under column 3.
5. **Total Direct Labor** - To calculate this column, add the total man hours from Columns #3 and #4 and multiply that hourly sum by the Direct Labor (loaded) in Column #2.
6. **Material Cost (FOB)** - Input the actual material purchase price (including transportation expense) of a pole from a supplier.
7. **Supply Expense** - Can be expressed as the job order pole cost minus the purchase price (cost FOB), or as a percentage of the FOB cost.
 - Supply Expense - Can be expressed as the job order pole cost minus the purchase price (cost F.O.B.), or as a percentage of the F.O.B. cost. This can include: Inventory Expense;

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2016 JOINT STEEL POLE PRICES

- Cost of Storage;
 - Insurance;
 - Labor associated with transporting the pole from the first drop off point to the distribution point, but does not include costs reported in column 4.
8. **Equipment Expense** - Input the average expense of the equipment directly related to the setting/replacing a pole.
9. **Pre-Planning and Engineering Fee/Hours** - This fee/associated hour(s) is established to identify the analysis required to determine the scope of work to be performed in the field, prior to the actual planning and construction work order preparation to place or replace a pole. The cost should be based on the submitted loaded labor rate by each utility multiplied by the amount of hour(s) taken to perform this task on a per pole basis.
10. **Crane Charge** - Includes the costs incurred when replacing existing wood poles with the use of a crane to lift steel pole sections and lower between existing energized circuits.
11. **General and Administrative Expense** - These include costs that are incurred by a Member to provide staff support and staff management functions (usually expressed as a percentage). This excludes all direct loadings associated with the Loaded Labor Rate.
12. **Total Cost** - Input the sum of the values from Column #5, Column #6, Column #7, Column #8, Column #9, Column #10, and Column #11.
13. **Total Number of Joint Poles Set/Replaced** - Input the total number of joint poles set/replaced (study period from July or Previous year to July of current year). This data may change year to year.

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

April 19, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:03 am at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Larry Chow – Southern California Edison
Ms. Brenda Davis – Southern California Edison
Ms. Arlie Sanchez – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles - DWP
Mr. William Kearns – Verizon California
Mr. Ed Loescher – Verizon California
Mr. Bret Plaskey – Verizon California
Mr. Josh Mathisen – AT&T California
Ms. Kay Black – AT&T California
Ms. Lynn Prescott – Verizon Wireless
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Ms. Shawn Henderson – T-Mobile USA
Mr. William Schrader – Frontier Communications
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Mr. Stephen Pebley – Frontier Communications
Mr. Chris Manning - Extenet

Ms. DeBarge called the meeting to order at 9:03 a.m.

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

Agenda Item 2 – Authorized Cost Study (Kay Black, AT&T California): Helicopter and Crane Sets – Ms. Pranata forwarded a copy of Verizon’s pole set definitions for the four separate types of pole sets. The document shows the criteria for each kind of pole set. After some discussion Ms. DeBarge suggested each utility create a similar document with their requirements. Ms. Hernandez feels an explanation as to when and why a crane is needed would be a great help. Ms. DeBarge explained Edison is in the process of creating a document with their criteria for Helicopter and Crane sets. Mr. Chow still has to provide a power point on transportation costs for crane sets. Mr. Brown (LADWP) then gave the committee several examples, and images, of Edison JPAs where the WATCH manual was clearly not used. The images clearly show there was no need for traffic control. Mr. Brown (SCE) explained Edison is sometimes required by the city to use traffic control. Ms. Prescott then explained in these cases communication companies would have to create their own TCP (traffic control plan) for transfers so it should be a wash. Mr. Brown (SCE) informed the committee Edison is now required to show and be accountable for every dollar spent, even if it’s a wash. Mr. Brown (LADWP) explained the only additional cost for traffic control would be for flagmen. Ms. Hernandez informed the committee flagging is a separate line item therefore should not be included in item 13D (Traffic Control). Ms. Hernandez then asked Mr. Brown (SCE) why Edison would have to show where funds are going in cases like these where it’s simply the cost of doing business. Mr. Brown (SCE) informed the committee Edison shareholders want to see where every dollar is going. Ms. DeBarge offered to take this discussion back to her people for clarification on what exactly is being charged and why. She will report back next month. In the meantime she’s asking all lined out items must state a reason for denial.

Agenda Item 3 – Members to Submit Individual Authorized Costs (Larry Chow, SCE) – On hold until all members have submitted their Authorized Costs.

Agenda Item 4 – Review of Authorized Costs Items 1-19 – The purpose of this review is to confirm all items in the Authorized Cost Matrix are still valid. Items 1-4 will all remain as is. Item 5 – Removing from service: the committee decided to remove asterisks from notes and put them all in parenthesis for items 5A, 5C and 5E. Item 6- Pole Stubbing (stub-size): Ms. DeBarge asked why there is no item under Item 6 (Pole Stubbing) for 9’ metal truss. After some discussion Mr. Chow suggested the committee wait and see what all members submit. There may not be a need for a 9’ metal truss. The committee agreed to revisit later. Ms. DeBarge then asked the committee to add item 6J – ET (extended truss). The committee agreed. Items 7 and 8 will remain as is. Item 9 Hand Dig/Hand Removal: Ms. Hernandez asked the committee for clarification on the difference between 9A and 9C. Mr. Chow explained 9A applies to hand dig setting of a pole. Item 9B is a subset of item 9A and is used when a member requires a more detailed explanation for the hand dig. Item 9C

applies to hand removal of a pole. After much discussion the committee decided to add verbiage to item 9 to help clarify the difference between 9A and 9C. Item 9 will now show as 9. Hand Dig Pole Set/Hand Removal, (a) “Pole Set” was added in parenthesis. (b) “Pole Set/Removal” was added in parenthesis. (c) “Hand dig removal only” was added in parenthesis. After more discussion the committee decided to revisit this item next month for further discussion and clarification. Item 10 – Sidewalk or pavement repairs for placement, replacement, or removal of pole or anchor: Mr. Brown (SCE) asked about item 10C which is based on 25 square feet. What should the members do when they exceed the 25 square feet? After some discussion Ms. Prescott suggested adding item 10D which will be based on 50 square feet. Mr. Chow agreed with this idea but suggested we leave the square footage pending. Members will go back to their people and see if 50 square feet is needed. The committee agreed. Mr. Kearns asked the committee which item applies to ADA accessible ramps. After some discussion Ms. Prescott suggested adding item 10E – ADA accessible ramp. Mr. Mathisen agreed it would make sense to add the item. The committee agreed to add the item and report back next month with estimates for cost. Item 11- Joint Rights of Way: Mr. Chow suggested removing this item. Ms. Hernandez agreed, but informed the committee the removal would be pending review of section 8 in the routine handbook. Ms. Hernandez asked Ms. Pranata to add this to the discussion board for Routine Revision. Item 12 will remain as is. Item 13 – Pole/anchor access obstructions: Ms. DeBarge explained this item is still under discussion for traffic control. The committee agreed to revisit next month. Items 14-18 will remain as is. Item 19 – Cost for cut & kick: Mr. Brown (LADWP) requested a note added requiring members to state which utility is benefiting. The committee agreed. Note added to item 19 – **Must state benefiting member(s) or mutual benefit under “Nature of Work”**

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Ms. Pranata asked the committee members to review the paragraph added to the February minutes. The paragraph clarifies default pole class to use when price is not available should be the next closest pole class. The committee approved the revised February 2016 minutes. Ms. Allen then provided a JPA for review. The billing section on this JPA is 4.1B and the pole class is 5, but the only class 5 pricing available is for and H5 pole. Mr. Chow explained the committee staff should never use H class prices unless it is specified as an H class pole. All other poles fall under regular wood pole prices or “non H poles”. Mr. Mathisen then explained the difference between H class poles and regular wood class poles. H class poles go from small to large. This means H1 is the smallest H class pole and H5 is the largest. Regular wood poles go from large to small. Class 1 would be the largest and class 5 the smallest.

Review of Action Items:

- Ms. Pranata to add Authorized Cost items 20-109 to May agenda.
- Committee members to gather research to revisit Authorized Cost Items 9, 10 and 13.

The ad hoc meeting adjourned at 11:40 a.m. The next meeting is scheduled for May 17, 2016.

Jenny Silva – Committee Staff

Verizon Action Plan JP Equipment Access			
Priority	Method	Requirements	Unsuitable If:
1	Derrick	Parking within 22' and no elevation change greater than 6'	Road access to location is closed and cannot be granted by ROW owner.
2	Hand-Set	No pole larger than 35'-6, and no grade beyond 6 degrees	Any health or safety hazards interrupting travel path for pedestrian employees.
3	Crane Set	Availability of appropriate sized cranes to meet demand and road access for crane delivery. (Job-by-job basis)	Extra construction is required to build a suitable landing for crane to operate from for larger cranes or ROW is impassible.
4	Helicopter	Crane usage is unavailable or nearest Crane is far enough to incur more logistical expenses than local Helicopter use.	long term harsh weather conditions that prohibit flight.

BILL NO.

4-10-607

FINAL AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Rev 07/13

PAGE NO. 1 OF 1

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

Date Prepared 1/21/2016

In Field By Telephone

Date Sent 1/21/2016

Confirming Agreement

Date Completed MAR 29 2016

No. of Pages 1 OF 1

J.P. Auth. No.

E6031-407548955

COSTS and BILLING DATA

SCE USE ONLY		
BC	AMT	SO

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

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
E	DAN LEWIS	REDLANDS	A.GONZALES	REDLANDS	700116
VZ	D. WILLIAMS	REDLANDS	K. TAYLOR	REDLANDS	

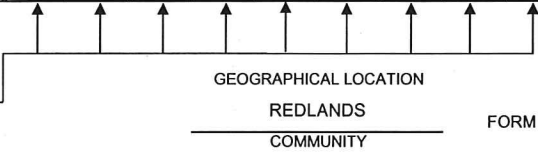
BILL NO. 607

4 POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Class Anchor Direct.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	BILL CODE	AMOUNT	ACCOUNTING DIRECTIONS:
				12KV E	C VZ			12KV E	C VZ							
4016129E	50	87	FT 4	100	(19-1)			43-18	19-1					W	252 880	B
4712064E	45	08	FT 4	100	(20-1)			39-13 19-1	20-1					W	936 910	B-2008
4712065E	35	08	FT 5	100	(20-1)			30-6 19-1	20-1					W	854 880	B-2008
	3/4	08	W	100	(.50)			.50	.50			111H		2	144	2:4' SCZ
4545848E	50	07	FT 4	100	(20-1)			43-17 19-1	20-1					W	750 880	B-2007
	3/4	07	S	100	(.50)			.50	.50			111H		2	144	

AMOUNT DUE		BILL CODE	AMOUNT	ACCOUNTING DIRECTIONS:
UTILITY	TOTAL AMT			
E	6042			
VZ	0			
COL TOT	6042			

- POLE LEGEND:
- P = PULL
 - PB = PULL BUTT
 - T = TRANSPORT
 - S = SALVAGE
 - D = DISPOSE
 - TN = TENANT
- ANCHOR LEGEND:
- AR = ANCHOR REMOVED
 - AT = ANCHOR TRANSFERRED

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



FORM 48 1/21/2016 3/6/2016

PAGE TOTAL

RSW

PRELIMINARY JPA REVIEWED BY AGENT: DIANA CORREA

Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

JPA #: E6035-407234452

Job #: _____

To: **M**
To: _____
To: _____
To: _____
From: **E** RICK.ROMO@SCE.COM

909.548.7152

or changes to authorizations.

District: _____
Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: NO VALID REASON FOR DENIAL OF TRAFFIC CONTROL. POLE 28987M, TRAFFIC CONTROL SECTION 1.2, ITEM 13D TO REMAIN ON JPA. SEE PICTURE ATTACHED.

Thank you.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct	Record					Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.		
															1		
																2	
																3	
																4	
																5	
																6	
																7	
																8	

POLE LEGEND:
 L = Lower Top
 P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

ANCHOR LEGEND:
 AR = Anchor Removed
 AT = Anchor Transferred

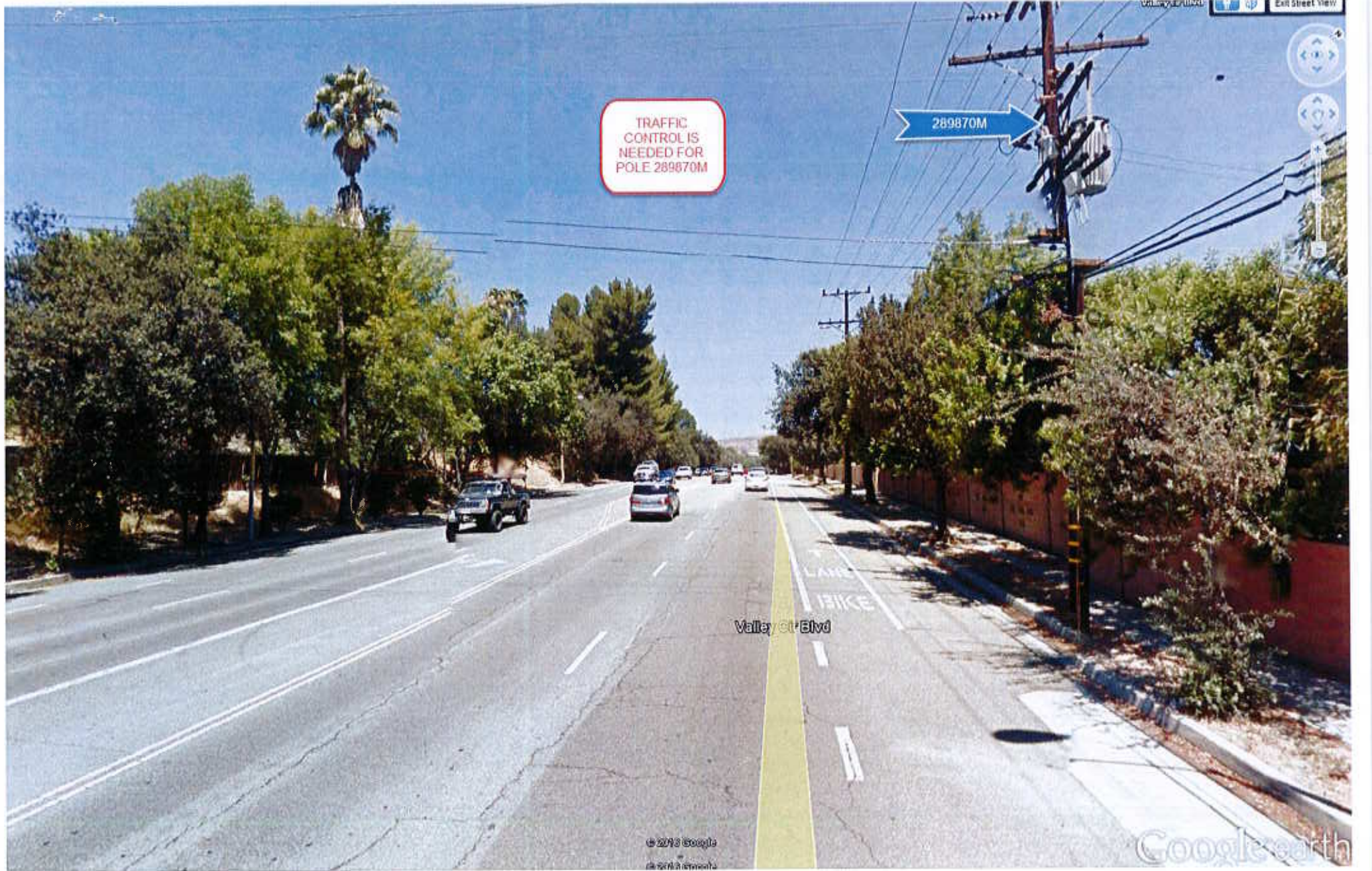
☺ ☺ ☺ ☺ ☺
 Show Quantity of Items to be Billed
 in the Column of Party to Paid

GEOGRAPHICAL LOCATION:
WOODLAND HILLS
 COMMUNITY

TRAFFIC CONTROL IS NEEDED FOR POLE 289870M

289870M

Valley of Blvd



Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

JPA #: E4405-407248353

To: M

To: _____

To: _____

To: _____

From: E

RICK.ROMO@SCE.COM

909.548.7152

or changes to authorizations.

Job #: _____

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: NO VALID REASON FOR DENIAL OF TRAFFIC CONTROL. POLE 908947E, TRAFFIC CONTROL SECTION 1.2, ITEM 13D TO REMAIN ON JPA. SEE PICTURE ATTACHED ~~attached~~

Thank you.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record					Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.	
															1	
															2	
															3	
															4	
															5	
															6	
															7	
															8	

POLE LEGEND:
 L = Lower Top
 P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

ANCHOR LEGEND:
 AR = Anchor Removed
 AT = Anchor Transferred

C (XX) = Footage Cut
SCZ = Safety Clearance Zone

☺ ☺ ☺ ☺ ☺
 Show Quantity of Items to be Billed
 in the Column of Party to Paid

GEOGRAPHICAL LOCATION:
BEVERLY HILLS
 COMMUNITY



TRAFFIC CONTROL IS NEEDED FOR 908947E

908947E

W 47th St

34.073692,-118.386673

© 2018 Google

Google earth

Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

To: M

To: _____

To: _____

From: E

RICK.ROMO@SCE.COM

909.548.7152

Use for only **minor** additions, deletions or changes to authorizations.

JPA #: E4405-406741004

Job #: _____

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: SECTION 1.2(ITEM 13D TRAFFIC CONTROL),FOR POLE 814371E, WILL BE CHARGED AS JPA IS WRITTEN.
M MAY BILL ACCORDINGLY PER FIELD CONDITIONS AS JOB IS COMPLETED. NO VALID REASON FOR DENIAL RECEIVED FROM M. M RESPONSE IS PAST THE
45 DAY LIMIT (1 YEAR), ITEM 5C TO REMAIN ON JPA. SEC 1.2, ITEM 13D, (S/A 13C S/B 13D) TRAFFIC CONTROL FOR POLES 814367E, 814370E, 814372E, &
814373E, WILL REMAIN ON JPA. NO VALID REPOSE RECEIVED. PLEASE SEE PICTURES ATTACHED.Thank you.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record					Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.	
															1	
															2	
															3	
															4	
															5	
															6	
															7	

POLE LEGEND:
 L = Lower Top
 P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

ANCHOR LEGEND:
 AR = Anchor Removed
 AT = Anchor Transferred

Show Quantity of Items to be Billed in the Column of Party to Paid

GEOGRAPHICAL LOCATION:
LOS ANGELES
COMMUNITY



TRAFFIC CONTROL
IS NEEDED FOR
POLE 814373E

814373E

Los Angeles Zoo
Art & IV Museum
USE RIGHT LANE

+34.1129500,-118.2826700

Los Feliz Blvd

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Google earth

814372E

TRAFFIC CONTROL IS
NEEDED FOR POLE
814372E

+34.1127800, -118.2832600

Los Feliz Blvd

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Google earth





814371E

TRAFFIC CONTROL
IS NEEDED FOR
POLE 814371E

+34.1126600,-118.2837500

Los Feliz Blvd

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© 2011 Google



814370E

TRAFFIC CONTROL IS
NEEDED FOR POLE
814370E

+34, 1125800, -118, 2342400

Los F... Elvd

Drag the slider or click the buttons to zoom in or out



© 2023 Google

814367E

TRAFFIC CONTROL IS
NEEDED FOR POLE
814367E

+34.1122100,-118.2861300

Los Feliz Blvd

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Google earth



Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

JPA #: E4405-407051158

Job #: _____

To: M

To: _____

To: _____

To: _____

From: E RICK.ROMO@SCE.COM

909.548.7152

or changes to authorizations.

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: NO VALID REASON FOR DENIAL OF TRAFFIC CONTROL. POLE 4326781E, TRAFFIC CONTROL SECTION 1.2, ITEM 13D TO REMAIN ON JPA. SEE PICTURE ATTACHED. M SIGNED COPY IS A LATE RESPONSE (6 MONTHS), SECTION 7.4, ITEM 19B TO REMAIN ON JPA AS WRITTEN.

Thank you.

Table with columns: POLE NO., Pole Length, Year, Pole Treat, Record, Proposed, Item No., LOCATION AND NATURE OF WORK. Includes rows 1-8.

POLE LEGEND: L = Lower Top, P = Pull, PB = Pull Butt, T = Transport, S = Salvage, D = Dispose, TN = Tenant. ANCHOR LEGEND: AR = Anchor Removed, AT = Anchor Transferred.

Show Quantity of Items to be Billed in the Column of Party to Paid

GEOGRAPHICAL LOCATION: LOS ANGELES COMMUNITY

Drag the slider or click the buttons to zoom in or out

TRAFFIC CONTROL IS NEEDED FOR POLE 4326781E

4326781E

Los Angeles Blvd

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© 2013 Google

Google Earth



Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

To: M

To: _____

To: _____

To: _____

From: E

RICK.ROMO@SCE.COM

909.548.7152

or changes to authorizations.

JPA #: E4405-406769179

Job #: _____

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: NO VALID REASON FOR DENIAL OF TRAFFIC CONTROL. POLE 814395E, TRAFFIC CONTROL SECTION 1.2, ITEM 13D TO REMAIN ON JPA. SEE PICTURE ATTACHED. M SIGNED COPY IS A LATE RESPONSE (11 MONTHS).

Thank you.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.
													1
													2
													3
													4
													5
													6
													7
													8

POLE LEGEND:
 P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

L = Lower Top
 C (XX) = Footage Cut
 SCZ = Safety Clearance Zone

ANCHOR LEGEND:
 AR = Anchor Removed
 AT = Anchor Transferred

Show Quantity of Items to be Billed in the Column of Party to Paid

GEOGRAPHICAL LOCATION:
LOS FELIZ
COMMUNITY



814395E

TRAFFIC CONTROL IS NEEDED FOR POLE 814395E.

Los Feliz Blvd



Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

JPA #: E4305-406813386

Job #: _____

To: **M** _____

To: _____

To: _____

To: _____

From: **E** RICK.ROMO@SCE.COM 909.548.7152

or changes to authorizations.

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: NO VALID REASON FOR DENIAL OF TRAFFIC CONTROL. POLE 2074387E, TRAFFIC CONTROL SECTION 1.2, ITEM 13D TO REMAIN ON JPA. SEE PICTURE ATTACHED. M SIGNED COPY IS A LATE RESPONSE (8 MONTHS), SECTION 14.9, ITEM 9B TO REMAIN ON JPA AS WRITTEN.

Thank you.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record					Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.	
															1	
															2	
															3	
															4	
															5	
															6	
															7	
															8	

POLE LEGEND:
 L = Lower Top
 P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

ANCHOR LEGEND:
 AR = Anchor Removed
 AT = Anchor Transferred

↑ ↑ ↑ ↑ ↑
 Show Quantity of Items to be Billed
 in the Column of Party to Paid

GEOGRAPHICAL LOCATION:
LOS ANGELES
 COMMUNITY



2074378E

TRAFFIC CONTROL IS NEEDED FOR POLE 2074378E. THIS IS A 4 WAY INTERSECTION.

34.103871, -118.177057

S Avenue 60

Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

JPA #: E4405-407359296

or changes to authorizations.

Job #: _____

To: **M** _____
 To: _____
 To: _____
 To: _____
 From: **E** RICK.ROMO@SCE.COM 909.548.7152

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD

CORRECT TO READ

CHANGE LOCATION TO READ

DELETE

CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: NO VALID REASON FOR DENIAL OF TRAFFIC CONTROL. POLE 1508708E, TRAFFIC CONTROL SECTION 1.2, ITEM 13D TO REMAIN ON JPA. SEE PICTURE ATTACHED SHOWING 4 LANE TRAFFIC ON STREET.

Thank you.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.
													1
													2
													3
													4
													5
													6
													7
													8

POLE LEGEND:

P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

L = Lower Top

C (XX) = Footage Cut
 SCZ = Safety Clearance Zone

ANCHOR LEGEND:

AR = Anchor Removed
 AT = Anchor Transferred

⌄ ⌄ ⌄ ⌄ ⌄
 Show Quantity of Items to be Billed
 in the Column of Party to Paid

GEOGRAPHICAL LOCATION:

CULVER CITY
 COMMUNITY



4 LANES OF TRAFFIC, TRAFFIC CONTROL IS REQUIRED.

1508708E

34° 0.13293, -118° 41'6103

Venice Blvd

© 2011 Google
© 2011 Google

Google earth

Utility

Representative/Signature

Phone Number

J.P. MEMORANDUM

FORM 7

Date: 3/30/2016

To: M

To: _____

To: _____

To: _____

From: E laross.harrington@sce.com

909-548-7002

Use for only **minor** additions, deletions or changes to authorizations.

JPA #: E6044-407241610

Job #: TD1004713

District: _____

Copies To: _____

SEE JPA PRELIMINARY ATTACHED

ADD CORRECT TO READ

CHANGE LOCATION TO READ

DELETE CANCEL JPA

REMOVE TEMPORARY ATTACHMENT FROM RECORD

Remarks: THE SUBJECT JPA HAS TRAFFIC CONTROL (ITEM 13D) FOR POLE#-2380410E, PG4 LN10.

M GAVE NO REASON FOR DENIAL OF TRAFFIC CONTROL(13D). A VALID REASON IS NEEDED. TRAFFIC WILL REMAIN ON THE JPA AS WRITTEN.

SEE PHOTOS ATTACHED.

POLE NO.	Pole Length Anchor Size	Year Set	Pole Treat Anchor Direct.	Record					Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine -- state reasons.	
				E	HLA	NG	M	ATC	E	HLA	NG	M	ATC			
															1	
2380410E	40'	87	FT												2	
									1/4 (1)					13D	TRAFFIC CONTROL APPROX. 4 HRS/\$427.00	10

POLE LEGEND:
 P = Pull
 PB = Pull Butt
 T = Transport
 S = Salvage
 D = Dispose
 TN = Tenant

L = Lower Top
 C (XX) = Footage Cut
 SCZ = Safety Clearance Zone

ANCHOR LEGEND:
 AR = Anchor Removed
 AT = Anchor Transferred

Show Quantity of Items to be Billed in the Column of Party to Paid

GEOGRAPHICAL LOCATION:
EL SEGUNDO
 COMMUNITY

2380410E

LOOKING NORTH
TRAFFIC CONTROL
NECESSARY



LOOKING SOUTH

TRAFFIC CONTROL IS
NECESSARY

2380410E





Tuesday, April 19, 2016

2012 Work Area Traffic Control Handbook

Published under the authority of the Watch Committee of Public Works Standards, Inc., the *Work Area Traffic Control Handbook* is the product of a dedicated, 13-member committee comprised of leading experts in traffic control and safety. This valuable pocket-sized handbook has become the leading source of information for traffic control in construction work areas on local and county roads.

This handbook is intended to provide standards and guidelines for Temporary Traffic Control zones (TTC zones). The *WATCH* provides quick reference traffic control guidelines for work activities for contractors, cities, counties, utilities and other agencies responsible for such work. This handbook is in compliance with the edition of the California MUTCD adopted as of January 13, 2012.

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

May 17, 2016

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

Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Larry Chow – Southern California Edison
Ms. Brenda Davis – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles - DWP
Mr. Bret Plaskey – Verizon California
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Yvonne Johnson – AT&T Mobility
Ms. Shawn Henderson – T-Mobile USA
Mr. William Schrader – Frontier Communications
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Chris Manning - Extenet
Ms. Linda Fisher – Pacific Gas & Electric
Ms. Cindy Wong – Pacific Gas & Electric
Ms. Gwen Ramacher - NCJPA
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Ms. Lynn Prescott – Verizon Wireless
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. DeBarge called the meeting to order at 9:18 a.m.

Agenda Item 1 – Review of prior month’s minutes: Ms. DeBarge asked for revisions regarding Edison not using the WATCH manual. After some

discussion the committee agreed there is no need for revisions. The paragraph in question was referring to a specific set of examples.

Agenda Item 2 – Authorized Cost Study (Kay Black, AT&T California): Helicopter and Crane Sets – Mr. Chow feels the best way to deal with the Traffic Control issue is to define what exactly means Traffic Control. In today's world there are increasing complexities when it comes to traffic control. As of now, embedded in the pole pricing, you drive up to the job site, put a men at work sign up, put a cone in the front of the truck and on in the back of the truck. Anything over and above this falls under section 1.2. Ms. Carmichael feels due to the fact there are too many different scenarios to come up with a single authorized cost it should stay the way it is. Mr. Brown (LADWP) agreed and added anything outside the WATCH manual should fall under section 1.2. His issue is with being charged for Traffic Control when it is clearly covered in the WATCH manual. Ms. Carmichael asked why these charges would have to be listed on the JPA if it is not a joint cost. If both companies have to pay the same cost then it is not shared. If Edison has to show where every dollar goes they should show this on their expense sheet. The final JPA is for joint costs only. Mr. Chow then explained Edison is no longer in the position to leave items off the JPA because they are a wash. Edison has to show through this organization that the rate payer is being made whole for what Edison spends to do their work. They are answering questions to interveners and commissions through their current GRC. The only way to answer these question and show the cost is a wash is through the JPA process. Ms. Hernandez asked for clarification and gave an example. If she were to receive a JPA with Traffic Control costs is she to list her own traffic control costs on the JPA. Mr. Chow explained this is exactly what she should do in most cases but not all. Some discussion followed on this matter. Mr. Brown (LADWP) suggested the committee change it so the WATCH manual is included in the pole prices. After some discussion, committee members decided to assign item numbers to these issues. Ms. Pranata then added Item 1611 – Helicopter Costs, Item 1612 – Crane Costs, Item 1613 – Traffic Control/Pedestrian Control and Item 1614 – Pole Price Matrix – Traffic Control Inclusion. Mr. Brown then suggested all committee members take these items back and come up with different situations and labor hours needed per incident. Ms. DeBarge then asked the committee if these items are in addition to the current case study provided by Ms. Black. After some discussion the committee decided to roll Ms. Black's study into the new item numbers.

Agenda Item 3 – Members to Submit Individual Authorized Costs (Larry Chow, SCE) – On hold until all members have submitted their Authorized Costs.

Agenda Item 4 – Review of Authorized Costs Items 20-109 – The purpose of this review is to confirm all items in the Authorized Cost Matrix are still valid. Ms. DeBarge suggested the committee review the Authorized Costs in its entirety before going back and reviewing pending items. The committee agreed

this would be the best approach. Items 20-30 will all remain as is. Item 31 – A-G – Street Lights – Mr. Chow informed the committee they may need to remove a few of these and add new ones. After some discussion on the matter the committee decided to add another item to the agenda. Item 1615 – Street Lights Ownership/Spc & Grd was added. The committee will removal of any items not in use once all members have completed their Authorized Cost Matrix. Items 32-109 will all remain as is. Ms. Pranata informed the committee members they would be reviewing items 110-199 next month. Ms. Black suggested all members review the entire Authorized Cost list to see if photos should be required with any of the other items.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – There were no miscellaneous items.

Review of Action Items:

- Committee to submit different Traffic Control scenarios and submit labor hours need for each one.
- Committee members to gather research to revisit all pending items.
- Committee to prep for review of items 110-199.

The ad hoc meeting adjourned at 11:10 a.m. The next meeting is scheduled for June 14, 2016.

Jenny Silva – Committee Staff

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
1 -Trenching/Moving 30'-35' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 40'-45' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 50'-55' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 60'-65' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 70'-75' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 80'-85' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 90'-95' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 100' WITH supply	Power	4/19/2016	no changes
2 -Trenching/Moving 30'-35' WITHOUT supply	Communication	4/19/2016	no changes
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	4/19/2016	no changes
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	4/19/2016	no changes
		4/19/2016	no changes
3 - Lowering/Raising to Grade (one operation) 30'-35'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade 90'-95'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 100'	Both	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
4- Straightening in Earth 30'-35'	Both	4/19/2016	no changes
4- Straightening in Earth 40'-45'	Both	4/19/2016	no changes
4- Straightening in Earth 50'-55'	Both	4/19/2016	no changes
4- Straightening in Earth 60'-65'	Both	4/19/2016	no changes
4- Straightening in Earth 70'-75'	Both	4/19/2016	no changes
4- Straightening in Earth 80'-85'	Both	4/19/2016	no changes
4- Straightening in Earth 90'-95'	Both	4/19/2016	no changes
4- Straightening in Earth 100'	Both	4/19/2016	no changes
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both	4/19/2016	Delete move notes into parentheses
5-B Removing From Service-Transporting	Both	4/19/2016	Delete move notes into parentheses
5-C Removing From Service-Topping (based on topping and lowering)	Both	4/19/2016	Delete move notes into parentheses
5-D Removing From Service-Disposal	Both	4/19/2016	Delete move notes into parentheses
5-E Lowering	Both	4/19/2016	Delete move notes into parentheses
5-F Removal of steel truss (any size) Added 03/18/14	Both	4/19/2016	Delete move notes into parentheses
6-A Pole Stubbing 8 Ft metal truss	Power	4/19/2016	no changes
6-B Pole Stubbing 10- 11 Ft metal truss	Power	4/19/2016	no changes
6-C Pole Stubbing 11 Ft metal truss	Power	4/19/2016	no changes
6-D Pole Stubbing 12 Ft metal truss	Power	4/19/2016	no changes
6-E Pole Stubbing 13 Ft metal truss	Power	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
6-F Pole Stubbing 14 Ft metal truss	Power	4/19/2016	no changes
6-G Pole Stubbing 15.5 Ft metal truss	Power	4/19/2016	no changes
6-H Addtl metal trusses (all sizes)	Power	4/19/2016	no changes
6-I Inaccessible to stubbing equipment	Power	4/19/2016	no changes
6-J ET (Extended) Truss	Power	4/19/2016	new item 4/19/16
7 - Intentionally left blank			
8-A Semi Cir. Pole Guards - Installation	Both	4/19/2016	no changes
8-B Semi Cir. Pole Guards - Transferring	Both	4/19/2016	no changes
9 Hand Dig/Hand Removal	Both	4/19/2016	PENDING no conclusion 4/19/16
10 Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:			
10-A Cement break and temporary repair	Both	4/19/2016	no changes
10-B Asphalt break & repair	Both	4/19/2016	no changes
10-C Cement saw cut brk&repair-based on 25 square feet	Both	4/19/2016	no changes
10-D Cement saw cut brk&rpr-based on 50 square feet	Both	4/19/2016	NEW ITEM PENDING, square footage
10-E ADA accessible ramp	Both	4/19/2016	NEW ITEM
11 -Joint Rights of Way- <i>by special agreement</i>		4/19/2016	Remove? PENDING to remove item 11 AND Section 8 of RH.
12-A -Resrvd for future use		4/19/2016	no changes
12-B Pole Inspect/Treat-Partial Dig	Power	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
12-C Pole Inspect/Treat- Sound&Bore	Power	4/19/2016	no changes
12-D Pole Inspect/Treat-Full Treatment	Power	4/19/2016	no changes
12-E Pole Inspect/Treat-Reject	Power	4/19/2016	no changes
12-F Pole Inspect/Treat- Re-inspection of reinforced poles	Power	4/19/2016	no changes
13-A Pole/anchor Access Obstruct- Clearing in SRA	Both	4/19/2016	PENDING no conclusion 4/19/16
13-B Pole/anchor Access Obstruct- <i>Removal of vegetation to facilitate the placement/ replacement of a pole</i>	Both	4/19/2016	PENDING no conclusion 4/19/16
13-C Pole/anchor Access Obstruct- <i>All other Special agreement</i>		4/19/2016	PENDING no conclusion
13-D Traffic Control (Added 04/15/2014)	Special Agreement	4/19/2016	PENDING no conclusion 4/19/16
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	4/19/2016	no changes
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	4/19/2016	no changes
15-A Pole Marking- Tagging	Both	4/19/2016	no changes
15-B Pole Marking- Visibility Strips	Both	4/19/2016	no changes
16-A Backhoe 2/hr mininum	Both	4/19/2016	no changes
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
17 - Wood Pole Fiberglass wrap restoration:			
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	4/19/2016	no changes
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	4/19/2016	no changes
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	4/19/2016	no changes
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	4/19/2016	no changes
18-A ModPole Material & Installation 9'	Power	4/19/2016	no changes
18-B ModPole Material & Installation 14'	Power	4/19/2016	no changes
18-C ModPole Material & Installation 18'	Power	4/19/2016	no changes
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:			
20- A All types and sizes, each end	Both	5/17/2016	no changes
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	5/17/2016	no changes
20-C Insulator relocation	Both	5/17/2016	no changes
Transfer Costs - Power Circuits			
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:			
21 - A 0-7.5 kv single Arm (includes service			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - B 0-7.5 kv double arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - C 0-7.5 kv double arm with reinforcing			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - D 0-7.5kv sidearm - single			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - E 0-7.5kv sidearm - double			

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - F 7.6-15kv single arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - G 7.6-15kv double arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - H 7.6-15kv sidearm - single			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - I 7.6-15kv sidearm - double			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - J 16-34kv single arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - K 16-34kv double arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - L 16-34kv double arm with reinforcing			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - M 16-34kv sidearm - single			
Transfer Arm	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - N 16-34kv sidearm - double		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - O 66-115kv single arm		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - P 66-115kv double arm		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - Q 66-115kv steel arm		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
NOTE: Add Item 24 for bonding cost.		5/17/2016	no changes
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.		5/17/2016	no changes
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:			
22-A 0-750 volt secondary	Power	5/17/2016	no changes
22-B 750-7,500 volt primary	Power	5/17/2016	no changes
22-C 7.6-115kv - 1 or 2 strain insulators	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
22-D 7.6-115kv - 3 or 4 strain insulators	Power	5/17/2016	no changes
22-E 7.6-115kv - 5 or 6 strain insulators	Power	5/17/2016	no changes
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost		5/17/2016	no changes
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)			
23-A Flat to vertical 7.5-115kv single arm per pole	Power	5/17/2016	no changes
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes
23-B Flat to vertical 7.5-115kv double arm per pole	Power	5/17/2016	no changes
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes
prices.		5/17/2016	no changes
24 - A Bonding Per Pole: Single circuit-all voltages	Power	5/17/2016	no changes
24 - B Bonding Per Pole: Double circuit-all voltages	Power	5/17/2016	no changes
25 - Ground Wire, Incl. protective covering	Power	5/17/2016	no changes
26 - Pole Top Switches(oil or Open Air) <i>Price by field agreement (cost to be estimated and agreed to by field engineers)</i>		5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	5/17/2016	no changes
Plus Conductor ea.	Power	5/17/2016	no changes
27 - B Bracket, Triplex	Power	5/17/2016	no changes
Plus Triplex conductor	Power	5/17/2016	no changes
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.		5/17/2016	no changes
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	5/17/2016	no changes
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	5/17/2016	no changes
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	5/17/2016	no changes
29- A Transformers 1-1/2 to 25 KVA each	Power	5/17/2016	no changes
29- B Transformers 30 to 167 KVA each	Power	5/17/2016	no changes
29- C Mounting Brackets, two transformers	Power	5/17/2016	no changes
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.		5/17/2016	no changes
30-A Capacitors/capacitor bank switched	Power	5/17/2016	no changes
30-B Capacitors/capacitor bank non-switched	Power	5/17/2016	no changes
31-A Street Lights Ctr Susp type-span end	Power	5/17/2016	no changes
31-B Street Lights Ctr Susp type-Feed end	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
31-C Street Lights Gooseneck or brket type open wire	Power	5/17/2016	no changes
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	5/17/2016	no changes
31-E Street Lights Mast arm type	Power	5/17/2016	no changes
31-F Street Lights Pole top pin and insulator- single	Power	5/17/2016	no changes
31-G Street Lights Pole top pin and insulator- Double	Power	5/17/2016	no changes
32 Meter of Time Switch Control Box (Price by field agreement)		5/17/2016	no changes
33-A Support single insulator fiberglass	Power	5/17/2016	no changes
33-B Support Double insulator fiberglass	Power	5/17/2016	no changes
33-C Support Triple insulator fiberglass	Power	5/17/2016	no changes
33-D Support Pole Top insulator fiberglass	Power	5/17/2016	no changes
34 Support, single deadend fiberglass	Power	5/17/2016	no changes
35-A Insulator mounting brkets- single(ver-Hort)	Power	5/17/2016	no changes
35-B Insulator mounting brkets- Double(vertical)	Power	5/17/2016	no changes
35-C Insulator mounting brkets-Single, over 40KV	Power	5/17/2016	no changes
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	5/17/2016	no changes
36-B Steel crossarm,Squirrel cage brkt inc. insulator- Double	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	5/17/2016	no changes
38- Insulator assembly bracket for endarm mountings	Power	5/17/2016	no changes
NOTE: Refer to Item 21 for conductor cost		5/17/2016	no changes
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost.		5/17/2016	no changes
Transfer Costs - Communication Circuits			
74- Semi-circular cable guard ("U" guard): transferring	Communication	5/17/2016	no changes
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication	5/17/2016	no changes
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication	5/17/2016	no changes
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	5/17/2016	no changes
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	5/17/2016	no changes
79- Mult. Dist. Service Wire on line pole	Communication	5/17/2016	no changes
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	5/17/2016	no changes
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	5/17/2016	no changes
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	5/17/2016	no changes
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	5/17/2016	no changes
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	5/17/2016	no changes
NOTE: The above prices do not include cable terminals.		5/17/2016	no changes
83 Cable attached direct to pole	Communication	5/17/2016	no changes
84-A Messenger reinforcing units-Strap each	Communication	5/17/2016	no changes
84-B Messenger reinforcing units-Link each	Communication	5/17/2016	no changes
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	5/17/2016	no changes
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	5/17/2016	no changes
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	5/17/2016	no changes
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	5/17/2016	no changes
86 -Messenger dead end, all sizes-w or w/o cable	Communication	5/17/2016	no changes
87-A Cable Terminal transfer-Dist. Cable term.	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	5/17/2016	no changes
87-C Cable Terminal transfer-Pole seat or balcony	Communication	5/17/2016	no changes
88 -Mult. Dist. Wire term. Transfer	Communication	5/17/2016	no changes
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	5/17/2016	no changes
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	5/17/2016	no changes
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	5/17/2016	no changes
distribution stub, add the following to cost above;		5/17/2016	no changes
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	5/17/2016	no changes
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.		5/17/2016	no changes
91-A Cable Splicing/per splice/per pair=18 pr	Communication	5/17/2016	no changes
91-B Cable Splicing/per splice/per pair=25 pr	Communication	5/17/2016	no changes
91-C Cable Splicing/per splice/per pair=50 pr	Communication	5/17/2016	no changes
91-D Cable Splicing/per splice/per pair=100 pr	Communication	5/17/2016	no changes
91-E Cable Splicing/per splice/per pair=200 pr	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
91-F Cable Splicing/per splice/per pair=300 pr	Communication	5/17/2016	no changes
91-G Cable Splicing/per splice/per pair=400 pr	Communication	5/17/2016	no changes
91-H Cable Splicing/per splice/per pair=600 pr	Communication	5/17/2016	no changes
91-I Cable Splicing/per splice/per pair=700 pr	Communication	5/17/2016	no changes
91-J Cable Splicing/per splice/per pair=800 pr	Communication	5/17/2016	no changes
91-K Cable Splicing/per splice/per pair=900 pr	Communication	5/17/2016	no changes
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	5/17/2016	no changes
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.		5/17/2016	no changes
92 - Cable risers, incl pipe and molding ea.	Communication	5/17/2016	no changes
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	5/17/2016	no changes
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	5/17/2016	no changes
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	5/17/2016	no changes
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	5/17/2016	no changes
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5/17/2016	no changes
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	5/17/2016	no changes
94-A-8 Any size above and beyond by special agreement Section 1.2		5/17/2016	no changes
97- Transfer meter curcuit breaker box/disconnect box	Communication	5/17/2016	no changes
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.		5/17/2016	no changes

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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June 14, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:10 am at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Larry Chow – Southern California Edison
Ms. Brenda Davis – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles – DWP
Mr. William Kearns – Frontier Communications
Mr. Bret Plaskey – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Shawn Henderson – T-Mobile USA
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Ms. Lynn Prescott – Verizon Wireless
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Kay Black – AT&T California
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Mr. Chris Manning - Extenet
Mr. Brian Politte – City of Riverside

Ms. DeBarge called the meeting to order at 9:10 a.m.

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

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

Agenda Item 3 – Review of Authorized Costs Items 20-109 – The purpose of this review is to confirm all items in the Authorized Cost Matrix are still valid. Item 110 will remain as is. Item 111 – Mr. Brown (LADWP) asked the committee about Push Guys. There is nothing listed under Anchors for push guys. After some research Ms. Hernandez informed the committee, push guys are treated like a pole and the cost is shared just like a guy pole. Item 111 will remain as is. Item 112 will remain as is. Items 115 and 116 will also remain as is, but because these items need a corresponding sections number, item 1617 – Add sec 12.8 for items 115 & 116 was added to the Routine Agenda. Items 116-121 will remain as is. Items 122 & 123 need to be revisited once LADWP and Edison have researched whether or not they need to add pricing for Silicone to each classification. Items 124-128 will remain as is. Items 129 & 130 are no longer used by LADWP. Edison is not sure if these items are still used by their people. They will research and revisit. Items 131-159 will remain as is. Items 160 & 161 will be revisited. After some discussion the committee feels there is no need for item 161D – It should be either 160D or 164D. Ms. Pranata will add a note to the Matrix asking members to clarify the price difference between these two items. Items 163 & 164 will remain as is. Mr. Cravens asked for clarification on Item 165 – Cable attached direct to interset pole. Why is this item only for interset poles? After some discussion Mr. Mathisen explained it is actually only for interset poles. All other poles would use item 83. Item 166 – Mr. Mathisen feels the committee should look into removing this item. The committee will revisit. Items 167-169 will remain as is. Item 170- Mr. Brown (LADWP) informed the committee they do not allow bonding to the secondary neutral ground. Mr. Mathisen explained AT&T never does this. Mr. LaBarge will take this back to Edison for more research and update committee next month. Item 199 will remain as is.

LADWP – Add Authorized Cost Item for jointly used stand-off brackets. Mr. Brown informed the committee there is currently no cost for transferring risers. Item 92 exists for the transfer of Communication risers. We need to add a transfer cost for power risers. Ms. Pranata added “place holders” for these items. Authorized Cost Item 39 – Stand-off Brackets for jointly used risers. Item 40 – Transfer of Risers

Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Ms. DeBarge suggested committee members come up with an Authorized Cost for these items in an attempt to get away from section 1.2. Ms. Black and Mr. Chow discussed this and agreed that before the committee members come up with a dollar amount they need to agree on piece parts needed as well as different scenarios. Once they’ve agreed on these piece parts Edison will be able to present pricing. Members will research and present at next meeting.

Agenda Item 6 – Item 1613 – Traffic Control/ Pedestrian Control - Committee members discussed different scenarios. Any scenarios that are rare or out of the ordinary will fall under Section 1.2. Ms. Carmichael asked Mr. Chow if Edison would be willing to attach their Traffic Control Plan to the form 48 when submitted. This would allow all members on the pole to use the same TCP. Mr. Chow explained that he can see the value in sharing the TCP, but he needs to look into the process of how they are obtained. It's going to be a copy of the plan, not an actual PE stamped copy. Mr. Chow will look into this and revisit next month.

Agenda Item 7. – Item 1614 – Pole Price Matrix – Traffic Control Inclusion – Mr. Chow explained the pole price matrix currently includes 1 hour of “engineering” but this is not specific to Traffic Control. Ms. Carmichael suggested removing this item from the agenda since the committee is working on creating a separate Authorized Cost for Traffic Control. The committee agreed.

Agenda Item 8 – Item 1615 – Street Lights Ownership/Spc & Grd - Mr. Chow explained in the past committee members did not capture Street Lights Gr & Spc because in most cases the street lights belong to the city. Ms. Balck asked why the committee can't record a street light on the pole card the same way they do for tenants. After some discussion the committee decided to have Mr. Atalla add a field to capture the Gr&Sp for street lights. Mr. Serrato offered to provide a sample pole card with this new field for review. Ms. Hernandez suggested moving this item to the Computer and Routine Revision agendas. The committee agreed.

Agenda Item 9 – Item 1618 – Pulling Butt Billing Directive (Item 5A/19) – Mr. Chow explained when the committee made the change from Section 7.4 being same pole set to cut & kick they made a conscious effort to include pulling the butt in the authorized cost for item 19, but if item 19 does not apply, the member doing the work is not being compensated for pulling the butt. After some discussion the committee decided SCJPC staff is to bill item 5A in absence of item 19 on a PB/LTD.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Mr. Politte (City of Riverside) brought attention to the fact that there is no recourse for communication companies that fail to complete pole removals. What happens when a communication company does not complete their transfer and power has to make a second trip out to complete the transfer? How does power recoup these costs? If you look at Section 7.13 – Failure to Issue Notice of Intention of Replacement. If a member fails to produce a form 2 prior to completing the work they assume all costs. What happens when you follow all the rules, complete the process and you get to the 60 days after you've submitted the form 48 and communication has not completed their work? Ms. Carmichael explained she was trying to get the 60 day deadline extended, but the fact is even if it were changed to 90 or 120 days there is no guarantee this

will stop happening. Mr. Chow feels Mr. Politte is asking a fair question. The committee needs recourse on the back end that is similar to section 7.13. The fact is the committee has a lot of recourse on the front end but there is nothing on the back end and that doesn't seem fair. Ms. Hernandez recommended issuing a correction of record with section 1.2 for the additional costs on the second trip out. Mr. Politte doesn't have a problem issuing a correction of record to recoup costs, but feel there should also be a penalty involved. It's only fair to have the same penalties on the back end that exist on the front end. Mr. Politte also feels this would help with the buddy pole issue. Mr. Chow once again agreed and asked to committee to create an item for this issue, Ms. Hernandez agreed and asked Ms. Pranata to add this item to Routine Revision as well as Authorized Costs. Ms. Pranata added item 1620 – Failure to Complete Pole Removal.

Review of Action Items:

- Ms. Pranata to email an updated copy of the Authorized Costs Matrix to members.
- Committee to submit different Traffic Control/Helicopter/Crane scenarios and submit labor hours need for each one.
- Committee members to gather research to revisit all pending items.

The ad hoc meeting adjourned at 11:45 a.m. The next meeting is scheduled for July 19, 2016.

Jenny Silva – Committee Staff

9. Hand Dig Pole Set/Hand Removal

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- (a) Hand Dig Hand Set – For use where digging and setting equipment cannot be used due to field condition, terrain, slope, or substructure conflict. Hand digging and setting performed where it could have otherwise be done by equipment. ~~Inaccessible to digging equipment~~
- (b) Hand Dig Hand Remove - For use where digging and removal equipment cannot be used due to field condition, terrain, slope, or substructure conflict. Hand digging and removal performed where it could have otherwise be done by equipment. ~~Accessible with Conflict-Must specify nature of conflict~~
- (c) Hand Dig Removal Only?? ~~Pole removal not accessible to removal equipment~~

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
1 -Trenching/Moving 30'-35' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 40'-45' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 50'-55' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 60'-65' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 70'-75' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 80'-85' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 90'-95' WITH supply	Power	4/19/2016	no changes
1-Trenching/Moving 100' WITH supply	Power	4/19/2016	no changes
2 -Trenching/Moving 30'-35' WITHOUT supply	Communication	4/19/2016	no changes
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	4/19/2016	no changes
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	4/19/2016	no changes
		4/19/2016	no changes
3 - Lowering/Raising to Grade (one operation) 30'-35'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade 90'-95'	Both	4/19/2016	no changes
3- Lowering/Raising to Grade (one operation) 100'	Both	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
4- Straightening in Earth 30'-35'	Both	4/19/2016	no changes
4- Straightening in Earth 40'-45'	Both	4/19/2016	no changes
4- Straightening in Earth 50'-55'	Both	4/19/2016	no changes
4- Straightening in Earth 60'-65'	Both	4/19/2016	no changes
4- Straightening in Earth 70'-75'	Both	4/19/2016	no changes
4- Straightening in Earth 80'-85'	Both	4/19/2016	no changes
4- Straightening in Earth 90'-95'	Both	4/19/2016	no changes
4- Straightening in Earth 100'	Both	4/19/2016	no changes
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both	4/19/2016	Delete move notes into parentheses
5-B Removing From Service-Transporting	Both	4/19/2016	Delete move notes into parentheses
5-C Removing From Service-Topping (based on topping and lowering)	Both	4/19/2016	Delete move notes into parentheses
5-D Removing From Service-Disposal	Both	4/19/2016	Delete move notes into parentheses
5-E Lowering	Both	4/19/2016	Delete move notes into parentheses
5-F Removal of steel truss (any size) Added 03/18/14	Both	4/19/2016	Delete move notes into parentheses
6-A Pole Stubbing 8 Ft metal truss	Power	4/19/2016	no changes
6-B Pole Stubbing 10- 11 Ft metal truss	Power	4/19/2016	no changes
6-C Pole Stubbing 11 Ft metal truss	Power	4/19/2016	no changes
6-D Pole Stubbing 12 Ft metal truss	Power	4/19/2016	no changes
6-E Pole Stubbing 13 Ft metal truss	Power	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
6-F Pole Stubbing 14 Ft metal truss	Power	4/19/2016	no changes
6-G Pole Stubbing 15.5 Ft metal truss	Power	4/19/2016	no changes
6-H Addt'l metal trusses (all sizes)	Power	4/19/2016	no changes
6-I Inaccessible to stubbing equipment	Power	4/19/2016	no changes
6-J ET (Extended) Truss	Power	4/19/2016	new item 4/19/16
7 - Intentionally left blank			
8-A Semi Cir. Pole Guards - Installation	Both	4/19/2016	no changes
8-B Semi Cir. Pole Guards - Transferring	Both	4/19/2016	no changes
9 Hand Dig/Hand Removal	Both	4/19/2016	PENDING no conclusion 4/19/16
10 Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:			
10-A Cement break and temporary repair	Both	4/19/2016	no changes
10-B Asphalt break & repair	Both	4/19/2016	no changes
10-C Cement saw cut brk&repair-based on 25 square feet	Both	4/19/2016	no changes
10-D Cement saw cut brk&rpr-based on 50 square feet	Both	4/19/2016	NEW ITEM PENDING, square footage
10-E ADA accessible ramp	Both	4/19/2016	NEW ITEM
11 -Joint Rights of Way- <i>by special agreement</i>		4/19/2016	Remove? PENDING to remove item 11 AND Section 8 of RH.
12-A -Resrvd for future use		4/19/2016	no changes
12-B Pole Inspect/Treat-Partial Dig	Power	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
12-C Pole Inspect/Treat- Sound&Bore	Power	4/19/2016	no changes
12-D Pole Inspect/Treat-Full Treatment	Power	4/19/2016	no changes
12-E Pole Inspect/Treat-Reject	Power	4/19/2016	no changes
12-F Pole Inspect/Treat- Re-inspection of reinforced poles	Power	4/19/2016	no changes
13-A Pole/anchor Access Obstruct- Clearing in SRA	Both	4/19/2016	PENDING no conclusion 4/19/16
13-B Pole/anchor Access Obstruct- <i>Removal of vegetation to facilitate the placement/ replacement of a pole</i>	Both	4/19/2016	PENDING no conclusion 4/19/16
13-C Pole/anchor Access Obstruct- <i>All other Special agreement</i>		4/19/2016	PENDING no conclusion
13-D Traffic Control (Added 04/15/2014)	Special Agreement	4/19/2016	PENDING no conclusion 4/19/16
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	4/19/2016	no changes
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	4/19/2016	no changes
15-A Pole Marking- Tagging	Both	4/19/2016	no changes
15-B Pole Marking- Visibility Strips	Both	4/19/2016	no changes
16-A Backhoe 2/hr mininum	Both	4/19/2016	no changes
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	4/19/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
17 - Wood Pole Fiberglass wrap restoration:			
4/19/2016 no changes			
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	4/19/2016	no changes
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	4/19/2016	no changes
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	4/19/2016	no changes
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	4/19/2016	no changes
18-A ModPole Material & Installation 9'	Power	4/19/2016	no changes
18-B ModPole Material & Installation 14'	Power	4/19/2016	no changes
18-C ModPole Material & Installation 18'	Power	4/19/2016	no changes
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:			
20- A All types and sizes, each end	Both	5/17/2016	no changes
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	5/17/2016	no changes
20-C Insulator relocation	Both	5/17/2016	no changes
Transfer Costs - Power Circuits			
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:			
21 - A 0-7.5 kv single Arm (includes service			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - B 0-7.5 kv double arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - C 0-7.5 kv double arm with reinforcing			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - D 0-7.5kv sidearm - single			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - E 0-7.5kv sidearm - double			

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - F 7.6-15kv single arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - G 7.6-15kv double arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - H 7.6-15kv sidearm - single			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - I 7.6-15kv sidearm - double			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - J 16-34kv single arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - K 16-34kv double arm			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - L 16-34kv double arm with reinforcing			
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - M 16-34kv sidearm - single			
Transfer Arm	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - N 16-34kv sidearm - double		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - O 66-115kv single arm		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - P 66-115kv double arm		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
21 - Q 66-115kv steel arm		5/17/2016	no changes
Transfer Arm	Power	5/17/2016	no changes
Transfer Conductor (splicing required)	Power	5/17/2016	no changes
Transfer Conductor (no splicing)	Power	5/17/2016	no changes
NOTE: Add Item 24 for bonding cost.		5/17/2016	no changes
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.		5/17/2016	no changes
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:			
22-A 0-750 volt secondary	Power	5/17/2016	no changes
22-B 750-7,500 volt primary	Power	5/17/2016	no changes
22-C 7.6-115kv - 1 or 2 strain insulators	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
22-D 7.6-115kv - 3 or 4 strain insulators	Power	5/17/2016	no changes
22-E 7.6-115kv - 5 or 6 strain insulators	Power	5/17/2016	no changes
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost		5/17/2016	no changes
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)			
23-A Flat to vertical 7.5-115kv single arm per pole	Power	5/17/2016	no changes
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes
23-B Flat to vertical 7.5-115kv double arm per pole	Power	5/17/2016	no changes
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes
prices.		5/17/2016	no changes
24 - A Bonding Per Pole: Single circuit-all voltages	Power	5/17/2016	no changes
24 - B Bonding Per Pole: Double circuit-all voltages	Power	5/17/2016	no changes
25 - Ground Wire, Incl. protective covering	Power	5/17/2016	no changes
26 - Pole Top Switches(oil or Open Air) <i>Price by field agreement (cost to be estimated and agreed to by field engineers)</i>		5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	5/17/2016	no changes
Plus Conductor ea.	Power	5/17/2016	no changes
27 - B Bracket, Triplex	Power	5/17/2016	no changes
Plus Triplex conductor	Power	5/17/2016	no changes
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.		5/17/2016	no changes
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	5/17/2016	no changes
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	5/17/2016	no changes
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	5/17/2016	no changes
29- A Transformers 1-1/2 to 25 KVA each	Power	5/17/2016	no changes
29- B Transformers 30 to 167 KVA each	Power	5/17/2016	no changes
29- C Mounting Brackets, two transformers	Power	5/17/2016	no changes
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.		5/17/2016	no changes
30-A Capacitors/capacitor bank switched	Power	5/17/2016	no changes
30-B Capacitors/capacitor bank non-switched	Power	5/17/2016	no changes
31-A Street Lights Ctr Susp type-span end	Power	5/17/2016	no changes
31-B Street Lights Ctr Susp type-Feed end	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
31-C Street Lights Gooseneck or brket type open wire	Power	5/17/2016	no changes
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	5/17/2016	no changes
31-E Street Lights Mast arm type	Power	5/17/2016	no changes
31-F Street Lights Pole top pin and insulator- single	Power	5/17/2016	no changes
31-G Street Lights Pole top pin and insulator- Double	Power	5/17/2016	no changes
32 Meter of Time Switch Control Box (Price by field agreement)		5/17/2016	no changes
33-A Support single insulator fiberglass	Power	5/17/2016	no changes
33-B Support Double insulator fiberglass	Power	5/17/2016	no changes
33-C Support Triple insulator fiberglass	Power	5/17/2016	no changes
33-D Support Pole Top insulator fiberglass	Power	5/17/2016	no changes
34 Support, single deadend fiberglass	Power	5/17/2016	no changes
35-A Insulator mounting brkets- single(ver-Hort)	Power	5/17/2016	no changes
35-B Insulator mounting brkets- Double(vertical)	Power	5/17/2016	no changes
35-C Insulator mounting brkets-Single, over 40KV	Power	5/17/2016	no changes
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	5/17/2016	no changes
36-B Steel crossarm,Squirrel cage brkt inc. insulator- Double	Power	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
	P/C		
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	5/17/2016	no changes
38- Insulator assembly bracket for endarm mountings	Power	5/17/2016	no changes
NOTE: Refer to Item 21 for conductor cost		5/17/2016	no changes
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost.		5/17/2016	no changes
Transfer Costs - Communication Circuits			
74- Semi-circular cable guard ("U" guard): transferring	Communication	5/17/2016	no changes
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication	5/17/2016	no changes
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication	5/17/2016	no changes
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	5/17/2016	no changes
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	5/17/2016	no changes
79- Mult. Dist. Service Wire on line pole	Communication	5/17/2016	no changes
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	5/17/2016	no changes
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	5/17/2016	no changes
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	5/17/2016	no changes
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	5/17/2016	no changes
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	5/17/2016	no changes
NOTE: The above prices do not include cable terminals.		5/17/2016	no changes
83 Cable attached direct to pole	Communication	5/17/2016	no changes
84-A Messenger reinforcing units-Strap each	Communication	5/17/2016	no changes
84-B Messenger reinforcing units-Link each	Communication	5/17/2016	no changes
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	5/17/2016	no changes
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	5/17/2016	no changes
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	5/17/2016	no changes
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	5/17/2016	no changes
86 -Messenger dead end, all sizes-w or w/o cable	Communication	5/17/2016	no changes
87-A Cable Terminal transfer-Dist. Cable term.	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	5/17/2016	no changes
87-C Cable Terminal transfer-Pole seat or balcony	Communication	5/17/2016	no changes
88 -Mult. Dist. Wire term. Transfer	Communication	5/17/2016	no changes
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	5/17/2016	no changes
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	5/17/2016	no changes
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	5/17/2016	no changes
distribution stub, add the following to cost above;		5/17/2016	no changes
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	5/17/2016	no changes
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.		5/17/2016	no changes
91-A Cable Splicing/per splice/per pair=18 pr	Communication	5/17/2016	no changes
91-B Cable Splicing/per splice/per pair=25 pr	Communication	5/17/2016	no changes
91-C Cable Splicing/per splice/per pair=50 pr	Communication	5/17/2016	no changes
91-D Cable Splicing/per splice/per pair=100 pr	Communication	5/17/2016	no changes
91-E Cable Splicing/per splice/per pair=200 pr	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
91-F Cable Splicing/per splice/per pair=300 pr	Communication	5/17/2016	no changes
91-G Cable Splicing/per splice/per pair=400 pr	Communication	5/17/2016	no changes
91-H Cable Splicing/per splice/per pair=600 pr	Communication	5/17/2016	no changes
91-I Cable Splicing/per splice/per pair=700 pr	Communication	5/17/2016	no changes
91-J Cable Splicing/per splice/per pair=800 pr	Communication	5/17/2016	no changes
91-K Cable Splicing/per splice/per pair=900 pr	Communication	5/17/2016	no changes
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	5/17/2016	no changes
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.		5/17/2016	no changes
92 - Cable risers, incl pipe and molding ea.	Communication	5/17/2016	no changes
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	5/17/2016	no changes
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	5/17/2016	no changes
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	5/17/2016	no changes

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments
P/C			
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	5/17/2016	no changes
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	5/17/2016	no changes
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5/17/2016	no changes
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	5/17/2016	no changes
94-A-8 Any size above and beyond by special agreement Section 1.2		5/17/2016	no changes
97- Transfer meter curcuit breaker box/disconnect box	Communication	5/17/2016	no changes
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.		5/17/2016	no changes

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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July 19, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:02 am at the Committee office. Those in attendance were:

Ms. Brenda Davis – Southern California Edison
Ms. April DeBarge – Southern California Edison
Mr. Larry Chow – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Ms. Yvette Villareal – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Ms. Maria Ortiz – XO Communications
Ms. Lynn Prescott –
Ms. Yvonne Johnson – AT&T Mobility
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Ms. Kay Black – AT&T California
Mr. Artemio Lopez – AT&T California
Ms. Shawn Henderson – T-Mobile USA
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Mr. Chris Manning – Extenet
Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Josh Mathisen – AT&T California
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. DeBarge called the meeting to order at 9:02 a.m.

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

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

Agenda Item 3 – Review of Pending Authorized Cost Items – Item 6 – ET (Extended Truss) – Mr. Chow explained AT&T and Edison will both be using Extended Truss in the year 2018 so they need to provide pricing now. Item 9 – Hand Dig/ Hand Removal – Ms. DeBarge asked the committee to clarify if it is possible to see an item 9A and 9C on one pole. Mr. Williams explained that it is possible but not likely. Mr. Cravens and Mr. Williams feel that there should be justification when this happens and also when using item 9C alone. After some discussion Ms. Black asked Ms. Pranata to add notes to this item. Ms. Pranata added “Does not apply to Sec 7.4 or rear property line” to item 9. For Item 9A the word “inaccessible” was replaced with “not accessible”. For Item 9B the note “on Form 48, Form 7 or Form 2” was added. For Item 9C the note “justification needed” was added. Ms. DeBarge then asked the committee if it would be best to have separate pricing for these items. The committee agreed that would be best. Ms. Pranata added three cells to Matrix for these prices. Item 10D – Cement Saw cut brk&rpr- based on 50 square feet. This is based on score line to score line the committee agreed to add this new Authorized Cost Item to the Matrix. Item 10E – ADA accessible ramp - Ms. Black feels this item is too varied to apply a single authorized cost to it. She feels it should be by special agreement Section 1.2. Ms. DeBarge Section 1.2 is often denied so it would be best to try and apply an average cost. After some discussion on the matter Edison and LADWP agreed it would be best to come up with an average cost for this item. The committee agreed. Item 11 – Joint Rights of Way – Pending removal of Section 8 in the Routine Handbook. Will revisit next month. Item 13D – Traffic Control – Mr. Chow feels if Edison creates the TCP with the city or county, the joint owner would then have access to it. Ms. Carmichael asked how they would go about getting a copy of the plan and if there would be a fee attached. Mr. Chow informed her they would have to pay a fee to get a copy from the city or county. Ms. Carmichael did not feel this was fair since they would have to pay for half the cost of the TCP and also pay a fee to get a copy. Mr. Chow explained the reason behind wanting an authorized cost added for TCP. There are several cases of joint construction meets where Edison created the TCP and were never reimbursed. Mr. Brown asked what Edison is to do in the case where joint construction was arranged and the joint party either shows up late or does not show up at all. Ms. Carmichael explained at that point joint payment was already agreed upon beforehand so the payment arrangement would be honored. After more discussion on the matter the committee decided to add a note to item 13D: Traffic Control. They added “set up for joint construction work (see glossary)”. The existing note “By special agreement Section 1.2” now has a note added stating “removal pending pricing submitted by members”. Mr. Chow feels the committee should come up with an hourly charge that is based on a system wide average. Edison’s previous study did not include the TCP Plan/Drawing. It was

based on executing the TCP. The committee then created Item I under the Glossary for the definition to “Traffic Control Joint Construction Work”: “One or more members(s) does work for another member under a shared Traffic Control set up or work is being coordinated by multiple members under a shared traffic control set up” Definition is pending approval. Mr. Brown (SCE) asked what qualifies as shared traffic control. Mr. Chow feels it is when work is done under permit and requirement under local jurisdiction. Ms. De Barge then reviewed item 13D – Committee members to supply hourly rates for Traffic Control Set Up. Cones, signs, etc. Hourly rates for flagmen. At strait time as well as premium time. Pricing for development of the Traffic Control Plan including the drawing. Ms. Prescott reminded the members that removal of the “By Special Agreement Sec 1.2” is depending on pricing submitted by members for these items. Ms. Pranata added 4 columns to the Matrix and will be sending it out to members. Item 19 – Cost for Cut & Kick: Pole placement located on street without riser and or equipment – Ms. DeBarge asked the committee members if you have a JPA that lists cut10 PB and LTD under the other member, is this a Section 7.4 only. Larry explained this can also be a Section 7.11. This only happens when they cannot facilitate transfer for the other member. In this case item does not apply. After some discussion Ms. Hernandez explained this would create a training issue PB/LTD has always been same hole set Section 7.4. Mr. Williams then asked Mr. Chow why Edison would do a PB/LTD on a 7.11. Mr. Chow explained the jurisdictions want them to get the butt out of the ground. Mr. Chow explained each city has different codes, what some cities allow others do not. Ms. Hernandez asked why the committee does not just change the wording back to same hole set. Mr. Chow explained the reason it was originally changed from same hole set to cut and kick was because when Edison started replacing a lot of poles they were setting larger class poles. When the pole holes did not line up companies started sending the JPAs back claiming they were not same hole set so the committee changed it to cut & kick. Basically a section 7.4 is when you have to pull the butt in order to set the new pole. Ms. DeBarge then presented JPA E6044-405232435 for review. This JPA shows Sections 7.4 and 7.11 with PTD under Edison as well as item 19A. Mr. Chow explained Item 19 can only be used with Section 7.4 and does not apply to section 7.11. When section 7.11 lists PB/LTD they should note “Hard Set” in nature of work. The committee staff will only charge the LTD (items 5E, 5B and 5D) in the presence of item 19. If there is no item 19 listed the committee will charge the full PTD (Items 5A, 5B and 5D). Ms. Hernandez informed the members of the note under item 5E – Lowering (for use only with LTD in conjunction with item 19 cut and kick *Added April 2013). After some discussion the committee decided to remove this note. This will allow members the right to be compensated for lowering on JPAs with PB/LTD under section 7.11. After some discussion Mr. Williams clarified that under no circumstance should item 5A and 19 be charged together. Only one will apply. Items 115A and 116A are both pending results of Routine Revision meeting on section 12.8. Item 122A-H – Mr. Chow asked Ms. Pranata to add items 122I-P for silicone. Items 123, 129, 130 and 160 are OK as is. Items 161D and 166B have been deleted. Item 170 – now only applies to Edison.

Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Mr. Chow offered to come up with an average hourly cost for each size crane. Mr. Brown (LADWP) agreed he would do the same so they could compare prices at the next meeting. The committee felt this would be best. Mr. Chow will do the same for helicopter costs.

Agenda Item 6 – Item 1613 – Traffic Control/ Pedestrian Control – This item was discussed in detail under Agenda Item 3. After much discussion the committee has decided to revisit next month once members have submitted pricing from the 5 separate components discussed under Agenda Item 3.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal - Mr. Chow explained there is no recourse for communication companies that fail to complete pole removals. What happens when a communication company does not complete their transfer and power has to make a second trip out to complete the transfer? How does power recoup these costs? Ms. Carmichael explained a correction of record should be issued to recoup costs. Mr. Chow agreed but feel there should also be a penalty attached. Mr. Brown (LADWP) and Ms. Carmichael agreed. After some discussion the committee feels an item should be added under item 14. The committee decided to revisit this after routine revision has discussed it.

Agenda Item 8 – Review of 2017 Blank Pole Price Matrix & Definition of Elements - Ms. DeBarge asked the committee members if they wanted to review the documents at this time. The committee asked Ms. Pranata to email a copy of the Pole Price Matrix & Definitions. Committee will review the documents and revisit next month.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – there were no items.

Review of Action Items:

- 10D & 10E – Committee to come up with pricing for review.
- Committee to submit pricing for Traffic Control.
 1. Hourly rate for traffic control set up, cones, signs etc.
 2. Hourly rate for flagmen.
 3. Strait time
 4. Premium time
 5. Pricing for development of Traffic Control Plan including drawing.

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- LADWP and SCE to provide and average hourly cost for cranes per size as well as Helicopter costs.
- Committee to research penalty cost for item 1620 – Failure to Complete Pole Removal.

The ad hoc meeting adjourned at 3:19 p.m. The next meeting is scheduled for August 16, 2016.

Jenny Silva – Committee Staff

(1)	(2)			(3)	(4)	(5)	(6)	(7)	(8)	(9)
Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
1-Trenching/Moving 30'-35' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 40'-45' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 50'-55' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 60'-65' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 70'-75' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 80'-85' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 90'-95' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 100' WITH supply	Power	4/19/2016	no changes							
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	4/19/2016	no changes							
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	4/19/2016	no changes							
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	4/19/2016	no changes							
		4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade 90'-95'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 100'	Both	4/19/2016	no changes							
4- Straightening in Earth 30'-35'	Both	4/19/2016	no changes							
4- Straightening in Earth 40'-45'	Both	4/19/2016	no changes							
4- Straightening in Earth 50'-55'	Both	4/19/2016	no changes							
4- Straightening in Earth 60'-65'	Both	4/19/2016	no changes							
4- Straightening in Earth 70'-75'	Both	4/19/2016	no changes							
4- Straightening in Earth 80'-85'	Both	4/19/2016	no changes							
4- Straightening in Earth 90'-95'	Both	4/19/2016	no changes							
4- Straightening in Earth 100'	Both	4/19/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-B Removing From Service-Transporting	Both	4/19/2016	no changes							
5-C Removing From Service-Topping (based on topping and lowering)	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-D Removing From Service-Disposal	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-E Lowering	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-F Removal of steel truss (any size) Added 03/18/14	Both	4/19/2016	no changes							
6-A Pole Stubbing 8 Ft metal truss	Power	4/19/2016	no changes							
6-B Pole Stubbing 10-11 Ft metal truss	Power	4/19/2016	no changes							
6-C Pole Stubbing 11 Ft metal truss	Power	4/19/2016	no changes							
6-D Pole Stubbing 12 Ft metal truss	Power	4/19/2016	no changes							
6-E Pole Stubbing 13 Ft metal truss	Power	4/19/2016	no changes							
6-F Pole Stubbing 14 Ft metal truss	Power	4/19/2016	no changes							
6-G Pole Stubbing 15.5 Ftm metal truss	Power	4/19/2016	no changes							
6-H Addtl metal trusses (all sizes)	Power	4/19/2016	no changes							
6-I Inaccessible to stubbing equipment	Power	4/19/2016	no changes							
6-J ET (Extended) Truss	Power	4/19/2016	new item 4/19/16 OK 7/19							
7 - Intentionally left blank										
8-A Semi Cir. Pole Guards - Installation	Both	4/19/2016	no changes							
8-B Semi Cir. Pole Guards - Transferring	Both	4/19/2016	no changes							
9 Hand Dig/Hand Removal	Both	4/19/2016	3 separate prices for A, B & C OK 7/19/2016							
9A Hand Dig/Hand Removal										
9B Hand Dig/Hand Removal										
9C Hand Dig/Hand Removal										

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
10 Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:										
10-A Cement break and temporary repair	Both	4/19/2016	no changes							
10-B Asphalt break & repair	Both	4/19/2016	no changes							
10-C Cement saw cut brk&repair-based on 25 square feet	Both	4/19/2016	no changes							
10-D Cement saw cut brk&rpr-based on 50 square feet	Both	4/19/2016	NEW ITEM OK 7/19/2016 NEW ITEM OK 7/19/2016							
10-E ADA accessible ramp	Both	4/19/2016								
			Remove? PENDING to remove item 11 AND Section 8 of RH. Still pending 7/19/2016							
11-Joint Rights of Way-by special agreement		4/19/2016								
12-A-Resrvd for future use		4/19/2016	no changes							
12-B Pole Inspect/Treat-Partial Dig	Power	4/19/2016	no changes							
12-C Pole Inspect/Treat-Sound&Bore	Power	4/19/2016	no changes							
12-D Pole Inspect/Treat-Full Treatment	Power	4/19/2016	no changes							
12-E Pole Inspect/Treat-Reject	Power	4/19/2016	no changes							
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	4/19/2016	no changes							
13-A Pole/anchor Access Obstruct-Clearing in SRA	Both	4/19/2016	OK 7/19/16							
13-B Pole/anchor Access Obstruct-Removal of vegetation to facilitate the placement/ replacement of a pole	Both	4/19/2016	OK 7/19/16							
13-C Pole/anchor Access Obstruct- All other Special agreement		4/19/2016	OK 7/19/16							
			PENDING Pending prices-may remove "By Special Agreement Section 1.2" depending on prices submitted by members 7/19/2016							
13-D Traffic Control (Added 04/15/2014)		4/19/2016								

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
13D hourly rate for traffic control setup cones, signs etc		7/19/2016	New							
13D hourly rate for flagman		7/19/2016	New							
13D straight time		7/19/2016	New							
13D premium time		7/19/2016	New							
13D pricing for the development of the traffic control plan.		7/19/2016	New							
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	4/19/2016	no changes							
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	4/19/2016	no changes							
15-A Pole Marking- Tagging	Both	4/19/2016	no changes							
15-B Pole Marking- Visibility Strips	Both	4/19/2016	no changes							
16-A Backhoe 2/hr minimum	Both	4/19/2016	no changes							
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	4/19/2016	no changes							
17 - Wood Pole Fiberglass wrap restoration:		4/19/2016	no changes							
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	4/19/2016	no changes							
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	4/19/2016	no changes							
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	4/19/2016	no changes							
17-D Wood pole fiberglass wrap- Additional foot exceeding 8-ft standard	Power	4/19/2016	no changes							
18-A ModPole Material & Installation 9'	Power	4/19/2016	no changes							
18-B ModPole Material & Installation 14'	Power	4/19/2016	no changes							
18-C ModPole Material & Installation 18'	Power	4/19/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
P/C										
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit OK 7/19/2016							
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit OK 7/19/2016							
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit OK 7/19/2016							
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:										
20- A All types and sizes, each end	Both	5/17/2016	no changes							
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	5/17/2016	no changes							
20-C Insulator relocation	Both	5/17/2016	no changes							
Transfer Costs - Power Circuits										
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:										
21 - A 0-7.5 kv single Arm (includes service										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - B 0-7.5 kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - C 0-7.5 kv double arm with reinforcing										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - D 0-7.5kv sidearm - single										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - E 0-7.5kv sidearm - double										

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - F 7.6-15kv single arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - G 7.6-15kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - H 7.6-15kv sidearm - single										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - I 7.6-15kv sidearm - double										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - J 16-34kv single arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - K 16-34kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - L 16-34kv double arm with reinforcing										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - M 16-34kv sidearm - single										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - N 16-34kv sidearm - double										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - O 66-115kv single arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - P 66-115kv double arm										
Transfer Arm	Power	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - Q 66-115kv steel arm		5/17/2016	no changes							
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
NOTE: Add Item 24 for bonding cost.		5/17/2016	no changes							
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.		5/17/2016	no changes							
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:										
22-A 0-750 volt secondary	Power	5/17/2016	no changes							
22-B 750-7,500 volt primary	Power	5/17/2016	no changes							
22-C 7.6-115kv - 1 or 2 strain insulators	Power	5/17/2016	no changes							
22-D 7.6-115kv - 3 or 4 strain insulators	Power	5/17/2016	no changes							
22-E 7.6-115kv - 5 or 6 strain insulators	Power	5/17/2016	no changes							
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost		5/17/2016	no changes							
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)		5/17/2016	no changes							
23-A Flat to vertical 7.5-115kv single arm per pole	Power	5/17/2016	no changes							
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes							
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes							
23-B Flat to vertical 7.5-115kv double arm per pole	Power	5/17/2016	no changes							
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes							
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes							
prices.		5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
24 - A Bonding Per Pole: Single circuit-all voltages	Power	5/17/2016	no changes							
24 - B Bonding Per Pole: Double circuit-all voltages	Power	5/17/2016	no changes							
25 - Ground Wire, Incl. protective covering	Power	5/17/2016	no changes							
26 - Pole Top Switches(oil or Open Air) <i>Price by field agreement (cost to be estimated and agreed to by field engineers)</i>		5/17/2016	no changes							
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	5/17/2016	no changes							
Plus Conductor ea.	Power	5/17/2016	no changes							
27 - B Bracket, Triplex	Power	5/17/2016	no changes							
Plus Triplex conductor	Power	5/17/2016	no changes							
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.		5/17/2016	no changes							
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	5/17/2016	no changes							
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	5/17/2016	no changes							
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	5/17/2016	no changes							
29 - A Transformers 1-1/2 to 25 KVA each	Power	5/17/2016	no changes							
29 - B Transformers 30 to 167 KVA each	Power	5/17/2016	no changes							
29 - C Mounting Brackets, two transformers	Power	5/17/2016	no changes							
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.		5/17/2016	no changes							
30-A Capacitors/capacitor bank switched	Power	5/17/2016	no changes							
30-B Capacitors/capacitor bank non-switched	Power	5/17/2016	no changes							
31-A Street Lights Ctr Susp type-span end	Power	5/17/2016	no changes							
31-B Street Lights Ctr Susp type-Feed end	Power	5/17/2016	no changes							
31-C Street Lights Gooseneck or brket type open wire	Power	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
P/C										
31-D Street Lights Gooseneck or bracket type Conduit on pole	Power	5/17/2016	no changes							
31-E Street Lights Mast arm type	Power	5/17/2016	no changes							
31-F Street Lights Pole top pin and insulator-single	Power	5/17/2016	no changes							
31-G Street Lights Pole top pin and insulator-Double	Power	5/17/2016	no changes							
32 Meter of Time Switch Control Box (Price by field agreement)		5/17/2016	no changes							
33-A Support single insulator fiberglass	Power	5/17/2016	no changes							
33-B Support Double insulator fiberglass	Power	5/17/2016	no changes							
33-C Support Triple insulator fiberglass	Power	5/17/2016	no changes							
33-D Support Pole Top insulator fiberglass	Power	5/17/2016	no changes							
34 Support, single deadend fiberglass	Power	5/17/2016	no changes							
35-A Insulator mounting brackets-single(ver-Hort)	Power	5/17/2016	no changes							
35-B Insulator mounting brackets-Double(vertical)	Power	5/17/2016	no changes							
35-C Insulator mounting brackets-Single, over 40KV	Power	5/17/2016	no changes							
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	5/17/2016	no changes							
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	5/17/2016	no changes							
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	5/17/2016	no changes							
38- Insulator assembly bracket for endarm mountings	Power	5/17/2016	no changes							
NOTE: Refer to Item 21 for conductor cost		5/17/2016	no changes							
39 - Stand-off brackets for jointly used risers	Power	6/14/2016	OK 7/19/16							
40 - Transferring risers	Power	6/14/2016	OK 7/19/16							
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost.		5/17/2016	no changes							
Transfer Costs - Communication Circuits										
74- Semi-circular cable guard ("U" guard): transferring	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication	5/17/2016	no changes							
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication	5/17/2016	no changes							
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	5/17/2016	no changes							
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	5/17/2016	no changes							
79 -Mult. Dist. Service Wire on line pole	Communication	5/17/2016	no changes							
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	5/17/2016	no changes							
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	5/17/2016	no changes							
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	5/17/2016	no changes							
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	5/17/2016	no changes							
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	5/17/2016	no changes							
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	5/17/2016	no changes							
NOTE: The above prices do not include cable terminals.		5/17/2016	no changes							
83 Cable attached direct to pole	Communication	5/17/2016	no changes							
84-A Messenger reinforcing units-Strap each	Communication	5/17/2016	no changes							
84-B Messenger reinforcing units-Link each	Communication	5/17/2016	no changes							
85-A Messenger without cable- trans,raising, lower- single wood arm	Communication	5/17/2016	no changes							
85-B Messenger without cable- trans,raising, lower- Double wood arm	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	5/17/2016	no changes							
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	5/17/2016	no changes							
86-Messenger dead end, all sizes-w or w/o cable	Communication	5/17/2016	no changes							
87-A Cable Terminal transfer-Dist. Cable term.	Communication	5/17/2016	no changes							
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	5/17/2016	no changes							
87-C Cable Terminal transfer-Pole seat or balcony	Communication	5/17/2016	no changes							
88-Mult. Dist. Wire term. Transfer	Communication	5/17/2016	no changes							
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	5/17/2016	no changes							
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	5/17/2016	no changes							
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	5/17/2016	no changes							
distribution stub, add the following to cost above;		5/17/2016	no changes							
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	5/17/2016	no changes							
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.		5/17/2016	no changes							
91-A Cable Splicing/per splice/per pair=18 pr	Communication	5/17/2016	no changes							
91-B Cable Splicing/per splice/per pair=25 pr	Communication	5/17/2016	no changes							
91-C Cable Splicing/per splice/per pair=50 pr	Communication	5/17/2016	no changes							
91-D Cable Splicing/per splice/per pair=100 pr	Communication	5/17/2016	no changes							
91-E Cable Splicing/per splice/per pair=200 pr	Communication	5/17/2016	no changes							
91-F Cable Splicing/per splice/per pair=300 pr	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
91-G Cable Splicing/per splice/per pair=400 pr	Communication	5/17/2016	no changes							
91-H Cable Splicing/per splice/per pair=600 pr	Communication	5/17/2016	no changes							
91-I Cable Splicing/per splice/per pair=700 pr	Communication	5/17/2016	no changes							
91-J Cable Splicing/per splice/per pair=800 pr	Communication	5/17/2016	no changes							
91-K Cable Splicing/per splice/per pair=900 pr	Communication	5/17/2016	no changes							
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	5/17/2016	no changes							
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.		5/17/2016	no changes							
92 - Cable risers, incl pipe and molding ea.	Communication	5/17/2016	no changes							
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	5/17/2016	no changes							
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	5/17/2016	no changes							
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	5/17/2016	no changes							
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	5/17/2016	no changes							
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	5/17/2016	no changes							
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5/17/2016	no changes							
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	5/17/2016	no changes							
94-A-8 Any size above and beyond by special agreement Section 1.2		5/17/2016	no changes							
97 -Transfer meter circuit breaker box/disconnect box	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
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.		5/17/2016	no changes							
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	6/14/2016	no changes							
110 - B Guy wire complete Make-up-Anchor guy	Both	6/14/2016	no changes							
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	6/14/2016	no changes							
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	6/14/2016	no changes							
110 - E Guy wire comp. Make-up-Guy guards	Both	6/14/2016	no changes							
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.		6/14/2016	no changes							
111 - A Anchors-expanding plate(handDig)	Both	6/14/2016	no changes							
111 - B Anchors-expanding plate(Truch access)	Both	6/14/2016	no changes							
111 - C Anchors-PISA screw anchor	Both	6/14/2016	no changes							
111 - D Anchors-Hydraulically driven (mantaray)	Both	6/14/2016	no changes							
111 - E Anchors-Concreting an anchor	Both	6/14/2016	no changes							
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	6/14/2016	no changes							
111 - G Anchors-Existing anchor purchase (Rear property)	Both	6/14/2016	no changes							
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	6/14/2016	no changes							
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.		6/14/2016	no changes							
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	6/14/2016	no changes							
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	6/14/2016	no changes							
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	6/14/2016	no changes							
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.		6/14/2016	no changes							
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	6/14/2016	Add section 12.8 PENDING Section. OK 7/19/16							
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	6/14/2016	no changes							
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	6/14/2016	no changes							
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	6/14/2016	no changes							
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	6/14/2016	Add another item pending? RR							
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	6/14/2016	no changes							
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	6/14/2016	no changes							
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).		6/14/2016	no changes							
Installation Costs - Power Circuits										
120 Crossarms, standard line (pins and insulators are extra): These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)										
120 - A 0-7.5KV single WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - B 0-7.5KV Double WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	6/14/2016	no changes							

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	P/C									
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - D 0-7.5KV WOOD Sidearm-single	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - E 0-7.5KV WOOD Sidearm-Double	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - F 7.6-15KV Single WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - G -7.6-15KV Double WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - H -7.6-15KV WOOD Sidearm-single	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - I 7.6-15KV WOOD Sidearm-Double	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 -J Crossarms- WOOD, standard line- 16-115KV Single arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -K Crossarms- WOOD, standard line- 16-115KV Double arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -L Crossarms- WOOD, standard line- 16-115KV Double arm w/rein brckets	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -M Crossarms- WOOD, standard line- 16-115KV Sidearm single	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -N Crossarms- WOOD, standard line- 16-115KV Sidearm Double	Power	6/14/2016	no changes							

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	P/C									
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
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.		6/14/2016	no changes							
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
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.		6/14/2016	no changes							
122 -A Insulators incl. Pins/hardware/0-7.5KV pin type ea	Power	6/14/2016	Added 122 (i) to (p) OK 7/19/2016							
122 -B Insulators incl. Pins/hardware/11 or 16KV pin type ea	Power	6/14/2016	no changes							
122 -C Insulators incl. Pins/hardware/34KV pin type ea	Power	6/14/2016	no changes							
122 -D Insulators incl. Pins/hardware/66KV pin type ea	Power	6/14/2016	no changes							
122 -E Insulators incl. Pins/hardware/11 and 16KV post type ea	Power	6/14/2016	no changes							
122 -F Insulators incl. Pins/hardware/34KV post type ea	Power	6/14/2016	no changes							
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	6/14/2016	no changes							
122 -H Insulators incl. Pins/hardware/34-115KV suspension (strain)	Power	6/14/2016	no changes							
122 - I to P			New Item 7/19/2016							
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	6/14/2016	no changes							
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	6/14/2016	no changes							
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	6/14/2016	no changes							
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	6/14/2016	no changes							
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	6/14/2016	no changes							
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	6/14/2016	no changes							
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	6/14/2016	no changes							
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	6/14/2016	no changes							
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	6/14/2016	no changes							
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	6/14/2016	OK 7/19/16							
NOTE:										
NOTE: Add \$70 for each additional insulator on items (c) to (d).	Power	6/14/2016	no changes							
Add \$127 for each additional insulator on items (e) to (f).	Power	6/14/2016	no changes							
Add \$143 for each additional insulator on item (g).	Power	6/14/2016	no changes							
Add \$183 for each additional insulator on item (h).	Power	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
Add \$199 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	6/14/2016	no changes							
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	6/14/2016	no changes							
Plus conductor ea.	Power	6/14/2016	no changes							
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	6/14/2016	no changes							
Plus triplex conductor ea.	Power	6/14/2016	no changes							
125 -ground assembly, complete	Power	6/14/2016	no changes							
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.		6/14/2016	no changes							
126-A Support: single insulator, fiberglass	Power	6/14/2016	no changes							
126-B Support: Double insulator, fiberglass	Power	6/14/2016	no changes							
126-C Support: Triple insulator, fiberglass	Power	6/14/2016	no changes							
126-D Support: Pole Top insulator, fiberglass	Power	6/14/2016	no changes							
127 Support, single dead end fiberglass	Power	6/14/2016	no changes							
128-A Insulator mounting bracket-single(vert or Hort)	Power	6/14/2016	no changes							
128-B Insulator mounting bracket-Double(vertical)	Power	6/14/2016	no changes							
128-C Insulator mounting bracket-Single over 40KV	Power	6/14/2016	no changes							
129-A Steel Crossarm, squirrel cage bracket, incl. Insul-Single	Power	6/14/2016	OK 7/19/16							
129-B Steel Crossarm, squirrel cage bracket, incl. Insul-Double	Power	6/14/2016	no changes							
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	6/14/2016	OK 7/19/16							
131 Insulator assembly bracket for endarm mounting	Power	6/14/2016	no changes							
132-A mounting bracket: two transformers	Power	6/14/2016	no changes							
132-B mounting bracket: three transformers	Power	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
NOTE: Refer to Item 120 for conductor cost.		6/14/2016	no changes							
149 - Installation of power line equip. not listed-Special Agreement 1.2.			no changes							
Installation Costs - Communication Circuits										
159-Semi-circular cable guard ("U" guard): installation	Communication	6/14/2016	no changes							
160 - A Crossarms-single wood service	Communication	6/14/2016	OK 7/19/16							
160-B Crossarms-Double wood service	Communication	6/14/2016	OK 7/19/16							
160-C Crossarms/Composite Fiberglass Arm	Communication	6/14/2016	OK 7/19/16							
160-D Crossarms-Attach to existing arm no charge	Communication		no changes							
161 - A Guardarm-single wood service	Communication	6/14/2016	OK 7/19/16							
161-B -Guardarms-Double wood service	Communication	6/14/2016	OK 7/19/16							
161-C -Guardarms-Composite Fiberglass	Communication	6/14/2016	OK 7/19/16							
161-D -Attach to existing arm-no charge	Communication		DELETE 7/19/2016							
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	6/14/2016	no changes							
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	6/14/2016	no changes							
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	6/14/2016	no changes							
CF ARM	Communication	6/14/2016	no changes							
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	6/14/2016	no changes							
CF ARM	Communication	6/14/2016	no changes							
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	6/14/2016	no changes							
CF ARM	Communication	6/14/2016	no changes							
164 - D Cable arm(install or atch to existing)-Additional cable/separ.mess.on same arm	Communication	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
164 - E Cable arm(install or attach to existing)-Attache to existing cable arm- NO CHARGE	Communication	6/14/2016	no changes							
165 - Cable attached direct to interset pole, each	Communication	6/14/2016	no changes							
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	6/14/2016	no changes							
166 - B Messenger reinforcing units-reinforcing link ea.	Communication	6/14/2016	DELETE 7/19/2016							
167 - A Messenger without cable - single arm	Communication	6/14/2016	no changes							
167 - B Messenger without cable - Double arm	Communication	6/14/2016	no changes							
167 - C Messenger without cable - Extension arm	Communication	6/14/2016	no changes							
167 - D Messenger without cable - Direct to pole	Communication	6/14/2016	no changes							
167 -E Messenger without cable - additional messenger	Communication	6/14/2016	no changes							
168 - Multiple distribution service wire attached to pole/arm	Communication	6/14/2016	no changes							
169 - Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	6/14/2016	no changes							
NOTE: Billing is optional, depending on policy of utility.		6/14/2016	no changes							
170 - Bonding to secondary neutral ground, per pole	Communication	6/14/2016	OK 7/19/16							
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.		6/14/2016	no changes							
Legend:		= Do not enter price								

Column/Element Definitions

Column 1: Item number and definition.

Authorized Cost tem 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

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
<p>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>Column 4: <u>Total Labor Hours</u> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.</p> <p>Column 5: <u>Total Direct Labor</u> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.</p> <p>Column 6: <u>Material Cost (FOB)</u> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.</p> <p>Column 7: <u>Equipment Expense</u> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.</p> <p>Column 8: <u>General and Administrative</u> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.</p> <p>Column 9: <u>Total Cost</u> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.</p> <p>*** 07/19/2016: Item 19 authorized cost calculation is determined by:</p> <ol style="list-style-type: none"> 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. Removal of the old pole butt. (REMOVING item 5A ?????) <p>Do not include item 5A????</p>										

AUTHORIZED COSTS

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

POLE MAINTENANCE AND MISCELLANEOUS

ITEM

5. Removing from service:

(a) Pulling (includes 1 hour pre-planning and engineering)	per pole	931
(b) Transporting.....	per pole	412
(c) Topping Pole (based on cut and lowering of pole top).....	per pole	801
(d) Disposal (effective 07/01/02).....	per pole	735
(e) Lowering (for use only with LTD in conjunction with item 19 cut and kick *Added April 2013).....	per pole	581
(f) Removal of steel truss (any size).....		957

7/19/2016

6. Pole Stubbing (stub-size):

(a) 8 ft. metal truss.....	1273
(b) 10 ft. metal truss.....	988
(c) 11 ft. metal truss.....	1318
(d) 12 ft. metal truss.....	1083
(e) 13 ft. metal truss	1648
(f) 14 ft. metal truss.....	2146
(g) 15.5 ft. metal truss	2308
(h) Additional metal trusses (all sizes).....	773
(i) Inaccessible to stubbing equipment.....	1882
(j) ET (Extended) truss	7/19/2016

9. Hand Dig Pole Set/Hand Removal 4297
(does not apply to Sec 7.4 or rear property line)

(a) Pole set: Not Inaccessible to digging equipment	
(b) Pole set/removal: Accessible with Conflict-Must specify nature of conflict on Form 48, Form 7, or Form 2.....	
(c) Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary).....	

7/19/2016

10. Sidewalk or 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)

(a) Cement break and temporary repair.....	1203
(b) Asphalt break and repair.....	1170
(c) Cement saw cut break and repair. Based on 25 square feet.....	932
(d) Cement saw cut break and repair. Based on 50 square feet.....	
(e) ADA accessible ramp.....	

11. Joint Rights of Way: (By special agreement) – Pending review section 8

AUTHORIZED COSTS

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

ITEM

13. Pole/anchor access obstructions:

- (a) Clearing poles in State Responsibility area..... 278
(Includes cost of contractor to perform activity and post Quality Control inspection)
- (b) Removal of vegetation to facilitate the placement/replacement/removal of a pole 303
- (c) All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.
- (d) Traffic Control for joint construction work (see glossary) (Pending prices-may remove "By Special Agreement Section 1.2" depending on prices submitted by members 7/19/2016)
 - hourly rate for traffic control setup cones, signs etc.....
 - hourly rate for flagman.....
 - straight time.....
 - premium time.....
 - pricing for the development of the traffic control plan.....
7/19/2016

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19. Cost for cut & kick:

- Only to be used with Section 7.4. Must state benefiting member(s) or mutual benefit under "Nature of Work"
- (a) Pole placement located on street without riser and/or equipment 1946
- (b) Pole placement located on street with riser and/or equipment..... 2194
- (c) Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment..... 3057
(Note: Item 9 not to be used concurrently with item 19 A,B,C)
(Note: Item 19 includes pulling of butt 5(a))REMOVING Item 5 (a) 7/20/2016 Operating meeting 7/19/2016 added note

*NOTE: Items 1,2,4 and 6 - For pole in sidewalk or pavement, use the specified "in earth" cost and add Item 10 as a separate item for the cost of sidewalk or pavement repair.

AUTHORIZED COSTS

**INSTALLATION COSTS
POWER CIRCUITS**

ITEM

122. Insulators, including pins and hardware:	
(a) 0-7.5kv pin type, each.....	99
(b) 11 or 16kv pin type, each.....	104
(c) 34kv pin type, each.....	271
(d) 66kv pin type, each.....	266
(e) 11 and 16kv post type, each.....	131
(f) 34kv post type, each.....	293
(g) 66kv post type, each.....	390
(h) 34 to 115kv suspension (strain) type, each insulator.....	181
(i) <u>Silicone Insulators 0-7.5kv pin type, each.....</u>	
(j) <u>Silicone Insulators 11 or 16kv pin type, each.....</u>	
(k) <u>Silicone Insulators 34kv pin type, each.....</u>	
(l) <u>Silicone Insulators 66kv pin type, each.....</u>	
(m) <u>Silicone Insulators 11 and 16kv post type, each.....</u>	
(n) <u>Silicone Insulators 34kv post type, each.....</u>	
(o) <u>Silicone Insulators 66kv post type, each.....</u>	
(p) <u>Silicone Insulators 34 to 115kv suspension (strain) type, each insulator.....</u>	

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**INSTALLATION COSTS
COMMUNICATION CIRCUITS**

ITEM

161. Guard Arms: (For installation or attachment to existing with service wire only)	
(a) Single wood service arm.....	243
(b) Double wood service arm.....	280
(c) Composite Fiberglass arm.....	225
(d) <u>Attach to existing arm.....</u>	No Charge
<u>7/19/2016</u>	
166. Messenger reinforcing units:	
(a) Reinforcing strap, each.....	73
(b) <u>Reinforcing link, each.....</u>	79
<u>7/19/2016</u>	

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

Please submit to SCJPC by:
 September 30, 2016

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.

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

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

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

(*****) 8/10/2016 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

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
		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.

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

2017 DEFINITIONS OF ELEMENTS

1. **Pole Length** - Pole price elements are based upon the length and the predominant class 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. Excludes hand-digging and inaccessible to setting equipment costs.
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** – This is the number of jointly owned poles set by a member utility in the previous calendar year. The SCJPC provides the total number.

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
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San Dimas, CA 91773
Phone (909) 599-3801
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August 16, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 2:09 p.m. at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Larry Chow – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Mr. Josh Mathisen – AT&T California
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Ms. Kay Black – AT&T California
Ms. Lily Tran – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Earl Carrion – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Andrew Craig - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Shawn Henderson – T-Mobile USA
Mr. Chris Manning - Extenet
Ms. Erika Williams –
Mr. Ayman Arraj – City of Burbank

Ms. DeBarge called the meeting to order at 2:09 p.m.

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

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

Agenda Item 3 – Review of Pending Authorized Cost Items Item 10D – Cement Saw cut brk&rpr- based on 50 square feet. This is based on score line to score line the committee agreed to add this new Authorized Cost Item to the Matrix. Item 10E – ADA accessible ramp - Edison and LADWP agreed it would be best to come up with an average cost for this item as well. The committee decided to add both items to the Authorized Cost Matrix. 13D – Traffic Control – Ms. Pranata asked the committee if she should remove the “Special Agreement” note on the Matrix so the members can add their pricing. Members agreed to remove the note. Ms. Pranata then asked the committee if they’ve decided to include the five separate cost columns from last meeting to the Authorized cost matrix. Mr. Chow feels the committee should review them before they make a final decision. Ms. Carmichael then asked for clarification on item 13D (1) – Hourly rate for traffic control set up, set up cones, signs, etc. Mr. Chow explained the goal is to come up with an agreed upon “item” for the development of the TCP. Ms. Carmichael informed the committee AT&T’s hourly rate includes everything listed in the 5 categories. She would like to propose one single rate for everything instead of breaking it up. Mr. Brown (DWP) asked why this isn’t built into the pole prices. Ms. Carmichael informed the committee there is already a one hour engineering charge in pole prices for this purpose. Mr. Chow explained this is not the case. The one hour engineering charge at he loaded labor rate applies in the case where you have to run someone down for a permit. It’s not specific to the Traffic Control Plan because the Traffic Control Plan is not needed on every pole set. Ms. Carmichael feels there should be two separate charges. The first is for the Traffic Control Plan, which should be a flat rate and the second for a separate hourly rate for execution of the plan. AT&T would be fine with this set up. Mr. Kearns asked if this hourly charge would be site specific and not typical (WATCH MANUAL). Site specific differs immensely so he’s not sure how one would assign a fixed cost for this. Ms. Carmichael explained that it is very possible because AT&T has an average hourly cost. Mr. Mathisen explained that the wet stamp portion is not factored into AT&T’s average. He then asked for clarification on what portion each member pays. There’s a portion of the time it takes to set a pole that benefits both members and a portion that benefits only one member. He feel whatever time it takes to place a pole is what we should go by. Mr. Williams explained every pole will take a different amount of time depending on what exactly has to be done. If we’re going to charge anything it should be set up and tear down. Mr. Chow agreed. Ms. Pranata then asked the committee which items she should add to the Matrix and send out to the committee. The committee decided to add. 13D (1) – Traffic Control - Hourly rate for traffic control, set up cones, signs etc. 13D (2) – Traffic Control - Hourly rate for flaggers. 13D (3) – Traffic Control – Design per page, site specific. Ms. Carmichael then asked Mr. Chow if they could agree to only use 13D in the

scenarios where one utility is doing all the work or where there is more than two owners on a pole. Mr. Chow disagreed with this and explained that he feels what goes on the JPA needs to reflect what takes place in the field. Even in cases where members are sharing the work. Ms. DeBarge then asked how they would bill anything outside of 13D. Mr. Chow explained it would anything else would fall under section 1.2. Ms. Black asked Ms. Pranata to email her a copy of the Authorized Cost Matrix with all her notes. She would like to present it at the next NCJPA meeting. Ms. Pranata then asked the committee about the components for item 19. The committee decided to remove the number three component “Removal of the old butt” and added a new component “Include cost associated with supporting cables and conductors”. The committee also agreed to cross out the note from Authorized Cost under item 19A “includes pulling of butt”.

Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Ms. DeBarge then moved onto Helicopters and Cranes. Ms. Black asked the committee members for clarification on the components for pricing on Helicopter sets. Mr. Chow gave results based on an analysis of 15 joint poles placed by helicopter. The time lines averaged 1.5 to 1.6 hours a piece to get them changed out. What that time included was Edison setting up a lay down yard in the high desert and then establishing a helipath. So the time line included the time it took to get the aircraft from Chino to that location and then fly each pole set to each location. Because the weight of the poles varies they set them separately. The reason for this is the have to calculate the weight of the air craft, the weight of the crew and the weight of the pole. They only put enough fuel in to get them out to set the pole and get back. Based on this data the average hourly cost is \$3,700. Ms. Black then asked for methodology for used when pricing cranes. Mr. Chow explained it is an hourly rate that is all inclusive per crane size. Ms. Pranata then asked about sending the Matrix out to all members. Mr. Chow feels it’s not ready yet. The committee decided to revisit the issue tomorrow. Meeting will resume tomorrow 8/17/2016.

The ad hoc meeting adjourned at 3:19 p.m. Will resume 8/17/2016.

Jenny Silva – Committee Staff

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE

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August 17, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:49 am at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Larry Chow – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Richard LaBarge – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Ms. Lupe Hernandez – Teleport Communications America, LLC
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Mr. William Schrader – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Ms. Kay Black – AT&T California
Mr. Josh Mathisen – AT&T California
Ms. Shawn Henderson – T-Mobile USA
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Adam Wood – Mobilitie
Mr. Ayman Arraj – City of Burbank
Mr. David Campo – City of Lompoc
Mr. Joe Armstrong – City of Pasadena
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Alicia Smith – Sprint Comm/Sprint-Nextel
Mr. Chris Manning – Extenet
Mr. Josh Mathisen – AT&T California
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility

Ms. Alyssa Hernandez – City of Colton

Mr. Andrew Craig – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. Erika Williams -

Ms. DeBarge called the meeting to order at 10:49 a.m.

Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Ms. DeBarge asked Ms. Pranata if the committee has added item numbers to the Authorized Cost Matrix. Ms. Pranata informed her they have not decided to add them at this point and asked the members if they wanted item numbers added for Cranes and Helicopters. Mr. Chow informed the members Edison would like items added. Ms. Pranata added items 13E – Helicopter Cost and 13F – Crane Cost. Mr. Mathisen then explained AT&T has some concerns with assigning an hourly cost. It will be hard to police the amount of hours needed for each pole. As of now we're lacking check and balance. He sees a lot of arguments coming up. Ms. DeBarge compared to item 16 – Backhoe: 16A – 2 hour minimum and 16B – each additional hour (inclusive operator & truck). She feels it could work similar to this. Mr. Brown (LADWP) suggested an average cost. Mr. Chow explained Edison can come up with an average cost but members need to understand they'll be paying more on some and less on others. Mr. Armstrong didn't see that as a problem. Mr. Mathisen feels an average, per crane size, makes more sense than an hourly cost. It's more in line with what we do for other Authorized Costs. Hourly would be questioned and cause more problems in the long run. Mr. Brown (LADWP) agrees an average cost would work better. Mr. Chow agreed to look into coming up with an average cost for Cranes & Helicopters. Ms. Carmichael asked to see numbers before these items are added to Authorized Costs. Mr. Chow feels this is understandable and explained these things are either appropriate or the right thing to do. Members can't just decide not to pay their portion because of the dollar amount. Ms. Carmichael explained AT&T currently, typically get charged \$3,000 for 1.2 crane sets. She's afraid the number may suddenly double or triple. Mr. Chow explained that is very possible at this point since not all piece parts are included right now. The estimator is putting in the bare minimum. It's in no way based on a large statistical sample for cranes where they're trying to come up with what a true average is. What they're currently charging for is what it takes to get the crane out on site. Ms. Carmichael informed the committee of a list she has of contractors that charge \$100 per hour for crane sets. All members asked her to share this info because it's far from what they're paying. Mr. Chow asked exactly what was included in that \$100 per hour. It would make sense for the committee to compare apples to apples. Mr. Armstrong suggested the committee assign different pricing for different crane sizes. Mr. LaBarge agreed with him. Mr. Brown (LADWP) informed the committee it cost LADWP \$8,700 in crane charges for one day. In that day they were able to set three poles. Mr. Armstrong shared his cost of \$10,000 in crane charges for one day. He was able to set two poles that day. Mr. Chow shared that after hearing this information from two other pole setting utilities, the prices the north are giving don't seem too far off. Mr. Williams suggested

basing crane charge on the percentage of pole ownership. Mr. Chow explained he wouldn't have a problem doing this as long as the committee does this across the board, voting included. It would have to apply to everything. Members can't pick and choose which costs it will apply to. Mr. LaBarge then went back to the backhoe example. 16A has a 2 hour minimum and 16B – Each additional hour (inclusive operator & truck). He feels this format would work for the methodology on Cranes and Helicopters. We can add A, B, C, and D if needed for different crane sizes. Mr. Mathisen fees if the goal is to make things flow quicker, an hourly charge may cause problems. Mr. LaBarge agrees it may be an issue at first because of training issues, but in the long run it would be beneficial. It worked the same way with the backhoe charge in the beginning. Mr. Mathisen suggested submitting costs for both hourly and an average for Cranes. LADWP, Edison and AT&T agreed to submit hourly costs by size (should include piece parts) to come up with an average for items 13E – Helicopter Costs and 13F – Crane Costs – average cost by size. Mr. Brown asked how many utilities would be submitting costs for these items. Mr. Armstrong didn't feel he should submit pricing, because in his 25 years with the city of Pasadena he has only had to use a crane on four occasions. Mr. Chow then asked to circle back to AT&T submitting costs for crane sets. Historically you're only allowed to submit cost if you do that work in a joint ownership situation. He asked Ms. Carmichael if AT&T sets jointly owned poles with cranes. Ms. Carmichael responded that they do not. Mr. Chow explained that would exclude them from submitting prices. Ms. Carmichael explained AT&T has set poles for Edison in the past. Mr. Chow explained this has not been the case since the mid to late 90's. Ms. DeBarge wants the minutes to show that AT&T has agreed to no longer request receipts, per Ms. Carmichael. Ms. Hernandez as that this statement be more generic since requesting receipts is not part of the JPA process. The committee agreed that "No member should request receipts". Ms. Pranata then asked members if she should send out the Authorized Cost Matrix. Mr. Brown (LADWP) asked her to send it out but exclude items 13E and 13F for now. Mr. Chow and Mr. Brown will work on coming up with an average cost for cranes, by size. Mr. Mathisen asked that members present the criteria along with the average. Ms. Pranata then moved on to item 83. The members decided to add a new line under item 83. There is now item 83A – Cable attached direct to pole (complete) and 83B – Cable attached (additional work required). Ms. Pranata has added these items to the Authorized Cost Matrix. Ms. Hernandez then asked for clarification on what is placed on the form 48 and what is placed on the Form 7. After some discussion Ms. Carmichael suggested changing the form 48 to allow changes without submitting a form 7. Ms. Hernandez agreed this would be best and asked Ms. Pranata to create an item number and add it to Routine Revision for next month. Ms. Pranata created item 1621 – Review Form 48 (add/delete item #'s).

Agenda Item 6 – Item 1613 – Traffic Control/ Pedestrian Control – Discussed yesterday. 8/16/2016.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal – After some discussion the committee decided to table this discussion for next month.

Agenda Item 8 – Review of 2017 Blank Pole Price Matrix & Definition of Elements – Committee reviewed the documents. Mr. Brown feels the initiating member should be compensated for pole loading and asked Mr. Chow how he felt about including the cost in pole prices. Mr. Chow doesn't know that capturing it in pole prices would work for everyone. It may be a better idea to create a separate authorized cost for it. After some discussion Mr. Brown agreed and asked Ms. Pranata to add an item to the agenda for this topic. The Committee then decided to change the verbiage for Pole Length – Pole price elements are based upon length “class of pole or ground line moment” (added), ~~and the predominant class~~ (removed), of pole set in joint situation. The committee then discussed Digging and Erecting. After some discussion on what chares are built into the pole prices, the committee decided to leave the verbiage as is for now. Mr. Brown then asked if it would be possible to add an authorized cost mid cycle. The committee agreed this would be fine. The committee also agreed to review the Authorized Cost for crane charges and remove the elements that are already in pole prices. There were no changes to the rest of the Definition of Elements document. Ms. Pranata informed the committee she would email them a copy of the “Pole Price Matrix & Definitions of Elements”. She then set the due date of September 30, 2016.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – there were no items.

Review of Action Items:

- Ms. Pranata to send out Authorized Cost Matrix, minus pending items. Due date September 30, 2016.
- Eligible members to submit Crane (per size) & Helicopter averages.
- Ms. Pranata to send out Pole Price Matrix. Due date September 30, 2016.

The ad hoc meeting adjourned at 1:12 p.m. The next meeting is scheduled for September 20, 2016.

Jenny Silva – Committee Staff

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
Item Number	Power/Comm/Both P/C	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
1-Trenching/Moving 30'-35' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 40'-45' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 50'-55' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 60'-65' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 70'-75' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 80'-85' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 90'-95' WITH supply	Power	4/19/2016	no changes							
1-Trenching/Moving 100' WITH supply	Power	4/19/2016	no changes							
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	4/19/2016	no changes							
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	4/19/2016	no changes							
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	4/19/2016	no changes							
		4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade 90'-95'	Both	4/19/2016	no changes							
3- Lowering/Raising to Grade (one operation) 100'	Both	4/19/2016	no changes							
4- Straightening in Earth 30'-35'	Both	4/19/2016	no changes							
4- Straightening in Earth 40'-45'	Both	4/19/2016	no changes							
4- Straightening in Earth 50'-55'	Both	4/19/2016	no changes							
4- Straightening in Earth 60'-65'	Both	4/19/2016	no changes							
4- Straightening in Earth 70'-75'	Both	4/19/2016	no changes							
4- Straightening in Earth 80'-85'	Both	4/19/2016	no changes							
4- Straightening in Earth 90'-95'	Both	4/19/2016	no changes							
4- Straightening in Earth 100'	Both	4/19/2016	no changes							
5-A Removing From Service-Pulling (includes 1 hr pre-planning and engineering)	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-B Removing From Service-Transporting	Both	4/19/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
5-C Removing From Service-Topping (based on topping and lowering)	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-D Removing From Service-Disposal	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-E Lowering	Both	4/19/2016	Delete * (asterisk) and move notes into parentheses							
5-F Removal of steel truss (any size) Added 03/18/14	Both	4/19/2016	no changes							
6-A Pole Stubbing 8 Ft metal truss	Power	4/19/2016	no changes							
6-B Pole Stubbing 10-11 Ft metal truss	Power	4/19/2016	no changes							
6-C Pole Stubbing 11 Ft metal truss	Power	4/19/2016	no changes							
6-D Pole Stubbing 12 Ft metal truss	Power	4/19/2016	no changes							
6-E Pole Stubbing 13 Ft metal truss	Power	4/19/2016	no changes							
6-F Pole Stubbing 14 Ft metal truss	Power	4/19/2016	no changes							
6-G Pole Stubbing 15.5 Ft metal truss	Power	4/19/2016	no changes							
6-H Add'l metal trusses (all sizes)	Power	4/19/2016	no changes							
6-I Inaccessible to stubbing equipment	Power	4/19/2016	no changes							
6-J ET (Extended) Truss	Power	4/19/2016	new item 4/19/16 OK 7/19							
7 - Intentionally left blank										
8-A Semi Cir. Pole Guards - Installation	Both	4/19/2016	no changes							
8-B Semi Cir. Pole Guards - Transferring	Both	4/19/2016	no changes							
9 Hand Dig/Hand Removal	Both	4/19/2016	3 separate prices for A, B & C OK 7/19/2016							
9A Hand Dig/Hand Removal										
9B Hand Dig/Hand Removal										
9C Hand Dig/Hand Removal										
10 Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:										
10-A Cement break and temporary repair	Both	4/19/2016	no changes							
10-B Asphalt break & repair	Both	4/19/2016	no changes							
10-C Cement saw cut brk&repair-based on 25 square feet	Both	4/19/2016	no changes							
10-D Cement saw cut brk&rpr-based on 50 square feet	Both	4/19/2016	NEW ITEM OK 7/19/2016 NEW ITEM OK 7/19/2016							
10-E ADA accessible ramp	Both	4/19/2016								
11-Joint Rights of Way-by special agreement		4/19/2016	Remove? PENDING to remove item 11 AND Section 8 of RH. Still pending 7/19/2016							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
12-A-Resrvd for future use		4/19/2016	no changes							
12-B Pole Inspect/Treat-Partial Dig	Power	4/19/2016	no changes							
12-C Pole Inspect/Treat-Sound&Bore	Power	4/19/2016	no changes							
12-D Pole Inspect/Treat-Full Treatment	Power	4/19/2016	no changes							
12-E Pole Inspect/Treat-Reject	Power	4/19/2016	no changes							
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	4/19/2016	no changes							
13-A Pole/anchor Access Obstruct-Clearing in SRA	Both	4/19/2016	OK 7/19/16							
13-B Pole/anchor Access Obstruct-Removal of vegetation to facilitate the placement/ replacement of a pole	Both	4/19/2016	OK 7/19/16							
13-C Pole/anchor Access Obstruct- All other Special agreement		4/19/2016	OK 7/19/16							
13-D Traffic Control (see below) (Added 04/15/2014)	Both	4/19/2016								
13D Traffic Control (1) Hourly rate for traffic control setup cones, signs, etc	Both	7/19/2016	YES SEND OUT							
13D Traffic Control (2) Hourly rate for flaggers	Both	7/19/2016	YES SEND OUT							
13D straight time		7/19/2016	DELETE!							
13D premium time		7/19/2016	DELETE!							
13D (3) Traffic control design per page, site specific.	Both	7/19/2016	YES SEND OUT							
13E Helicopter Cost	Both	8/17/2016	PENDING. DO NOT SEND OUT. New. Hourly or average? By size?							
13F Crane Cost	Both	8/17/2016	PENDING. DO NOT SEND OUT. New. Average cost by size?							
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	4/19/2016	no changes							
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	4/19/2016	no changes							
15-A Pole Marking-Tagging	Both	4/19/2016	no changes							
15-B Pole Marking-Visibility Strips	Both	4/19/2016	no changes							
16-A Backhoe 2/hr mininum	Both	4/19/2016	no changes							
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	4/19/2016	no changes							
17 - Wood Pole Fiberglass wrap restoration:		4/19/2016	no changes							
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	4/19/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
P/C										
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	4/19/2016	no changes							
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	4/19/2016	no changes							
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	4/19/2016	no changes							
18-A ModPole Material & Installation 9'	Power	4/19/2016	no changes							
18-B ModPole Material & Installation 14'	Power	4/19/2016	no changes							
18-C ModPole Material & Installation 18'	Power	4/19/2016	no changes							
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit OK 7/19/2016							
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit OK 7/19/2016							
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	4/19/2016	added note:Must state benefiting member(s) or mutual benefit OK 7/19/2016							
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:										
20- A All types and sizes, each end	Both	5/17/2016	no changes							
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	5/17/2016	no changes							
20-C Insulator relocation	Both	5/17/2016	no changes							
Transfer Costs - Power Circuits										
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:										
21 - A 0-7.5 kv single Arm (includes service										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - B 0-7.5 kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							

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	P/C									
21 - C 0-7.5 kv double arm with reinforcing										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - D 0-7.5kv sidearm - single										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - E 0-7.5kv sidearm - double										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - F 7.6-15kv single arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - G 7.6-15kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - H 7.6-15kv sidearm - single										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - I 7.6-15kv sidearm - double										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - J 16-34kv single arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - K 16-34kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - L 16-34kv double arm with reinforcing										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - M 16-34kv sidearm - single										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - N 16-34kv sidearm - double										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - O 66-115kv single arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - P 66-115kv double arm										
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
21 - Q 66-115kv steel arm		5/17/2016	no changes							
Transfer Arm	Power	5/17/2016	no changes							
Transfer Conductor (splicing required)	Power	5/17/2016	no changes							
Transfer Conductor (no splicing)	Power	5/17/2016	no changes							
NOTE: Add Item 24 for bonding cost.		5/17/2016	no changes							
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.		5/17/2016	no changes							
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:										
22-A 0-750 volt secondary	Power	5/17/2016	no changes							
22-B 750-7,500 volt primary	Power	5/17/2016	no changes							
22-C 7.6-115kv - 1 or 2 strain insulators	Power	5/17/2016	no changes							
22-D 7.6-115kv - 3 or 4 strain insulators	Power	5/17/2016	no changes							
22-E 7.6-115kv - 5 or 6 strain insulators	Power	5/17/2016	no changes							
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost		5/17/2016	no changes							
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)		5/17/2016	no changes							
23-A Flat to vertical 7.5-115kv single arm per pole	Power	5/17/2016	no changes							
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes							
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	5/17/2016	no changes							
23-B Flat to vertical 7.5-115kv double arm per pole	Power	5/17/2016	no changes							
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes							
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	5/17/2016	no changes							
prices.		5/17/2016	no changes							
24 - A Bonding Per Pole: Single circuit-all voltages	Power	5/17/2016	no changes							
24 - B Bonding Per Pole: Double circuit-all voltages	Power	5/17/2016	no changes							
25 - Ground Wire, Incl. protective covering	Power	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)		5/17/2016	no changes							
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	5/17/2016	no changes							
Plus Conductor ea.	Power	5/17/2016	no changes							
27 - B Bracket, Triplex	Power	5/17/2016	no changes							
Plus Triplex conductor	Power	5/17/2016	no changes							
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.		5/17/2016	no changes							
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	5/17/2016	no changes							
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	5/17/2016	no changes							
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	5/17/2016	no changes							
29- A Transformers 1-1/2 to 25 KVA each	Power	5/17/2016	no changes							
29- B Transformers 30 to 167 KVA each	Power	5/17/2016	no changes							
29- C Mounting Brackets, two transformers	Power	5/17/2016	no changes							
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.		5/17/2016	no changes							
30-A Capacitors/capacitor bank switched	Power	5/17/2016	no changes							
30-B Capacitors/capacitor bank non-switched	Power	5/17/2016	no changes							
31-A Street Lights Ctr Susp type-span end	Power	5/17/2016	no changes							
31-B Street Lights Ctr Susp type-Feed end	Power	5/17/2016	no changes							
31-C Street Lights Gooseneck or brket type open wire	Power	5/17/2016	no changes							
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	5/17/2016	no changes							
31-E Street Lights Mast arm type	Power	5/17/2016	no changes							
31-F Street Lights Pole top pin and insulator-single	Power	5/17/2016	no changes							
31-G Street Lights Pole top pin and insulator-Double	Power	5/17/2016	no changes							
32 Meter of Time Switch Control Box (Price by field agreement)		5/17/2016	no changes							
33-A Support single insulator fiberglass	Power	5/17/2016	no changes							
33-B Support Double insulator fiberglass	Power	5/17/2016	no changes							
33-C Support Triple insulator fiberglass	Power	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
33-D Support Pole Top insulator fiberglass	Power	5/17/2016	no changes							
34 Support, single deadend fiberglass	Power	5/17/2016	no changes							
35-A Insulator mounting brkets-single(ver-Hort)	Power	5/17/2016	no changes							
35-B Insulator mounting brkets-Double(vertical)	Power	5/17/2016	no changes							
35-C Insulator mounting brkets-Single, over 40KV	Power	5/17/2016	no changes							
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	5/17/2016	no changes							
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	5/17/2016	no changes							
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	5/17/2016	no changes							
38- Insulator assembly bracket for endarm mountings	Power	5/17/2016	no changes							
NOTE: Refer to Item 21 for conductor cost		5/17/2016	no changes							
39 - Stand-off brackets for jointly used risers	Power	6/14/2016	OK 7/19/16							
40 - Transferring risers	Power	6/14/2016	OK 7/19/16							
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost.		5/17/2016	no changes							
Transfer Costs - Communication Circuits										
74-Semi-circular cable guard ("U" guard): transferring	Communication	5/17/2016	no changes							
75-A Crossman/Guardarm-Trans.,raising,lowering/p er arm - Single	Communication	5/17/2016	no changes							
75-B Crossman/Guardarm-Trans.,raising,lowering/p er arm - Double	Communication	5/17/2016	no changes							
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	5/17/2016	no changes							
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	5/17/2016	no changes							
79-Mult. Dist. Service Wire on line pole	Communication	5/17/2016	no changes							
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	5/17/2016	no changes							
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	5/17/2016	no changes							
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	5/17/2016	no changes							
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	5/17/2016	no changes							
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	5/17/2016	no changes							
NOTE: The above prices do not include cable terminals.		5/17/2016	no changes							
83-A Cable attached direct to pole (complete)	Communication	5/17/2016	no changes							
83-B Cable attached (additional work required)	Communication	8/17/2016	OK! NEW ITEM 8/17/2016							
84-A Messenger reinforcing units-Strap each	Communication	5/17/2016	no changes							
84-B Messenger reinforcing units-Link each	Communication	5/17/2016	no changes							
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	5/17/2016	no changes							
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	5/17/2016	no changes							
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	5/17/2016	no changes							
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	5/17/2016	no changes							
86-Messenger dead end, all sizes-w or w/o cable	Communication	5/17/2016	no changes							
87-A Cable Terminal transfer-Dist. Cable term.	Communication	5/17/2016	no changes							
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	5/17/2016	no changes							
87-C Cable Terminal transfer-Pole seat or balcony	Communication	5/17/2016	no changes							
88-Mult. Dist. Wire term. Transfer	Communication	5/17/2016	no changes							
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	5/17/2016	no changes							
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	5/17/2016	no changes							
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	5/17/2016	no changes							
distribution stub, add the following to cost above;		5/17/2016	no changes							
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
P/C										
NOTE-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.		5/17/2016	no changes							
91-A Cable Splicing/per splice/per pair=18 pr	Communication	5/17/2016	no changes							
91-B Cable Splicing/per splice/per pair=25 pr	Communication	5/17/2016	no changes							
91-C Cable Splicing/per splice/per pair=50 pr	Communication	5/17/2016	no changes							
91-D Cable Splicing/per splice/per pair=100 pr	Communication	5/17/2016	no changes							
91-E Cable Splicing/per splice/per pair=200 pr	Communication	5/17/2016	no changes							
91-F Cable Splicing/per splice/per pair=300 pr	Communication	5/17/2016	no changes							
91-G Cable Splicing/per splice/per pair=400 pr	Communication	5/17/2016	no changes							
91-H Cable Splicing/per splice/per pair=600 pr	Communication	5/17/2016	no changes							
91-I Cable Splicing/per splice/per pair=700 pr	Communication	5/17/2016	no changes							
91-J Cable Splicing/per splice/per pair=800 pr	Communication	5/17/2016	no changes							
91-K Cable Splicing/per splice/per pair=900 pr	Communication	5/17/2016	no changes							
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	5/17/2016	no changes							
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.		5/17/2016	no changes							
92 - Cable risers, incl pipe and molding ea.	Communication	5/17/2016	no changes							
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	5/17/2016	no changes							
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	5/17/2016	no changes							
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	5/17/2016	no changes							
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	5/17/2016	no changes							
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	5/17/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
94-A-6	Fiber Optic Splicing/testing Fusion-144 strand Communication	5/17/2016	no changes							
94-A-7	Fiber Optic Splicing/testing Fusion-288 strand Communication	5/17/2016	no changes							
94-A-8 Any size above and beyond by special agreement Section 1.2		5/17/2016	no changes							
97	Transfer meter curcuit breaker box/disconnect box Communication	5/17/2016	no changes							
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.		5/17/2016	no changes							
110 - A	Guy wire complete Make-up-overhead, span, or arm guy Both	6/14/2016	no changes							
110 - B	Guy wire complete Make-up-Anchor guy Both	6/14/2016	no changes							
110 - C	Guy wire comp. Make-up-Cutting-in insulator in exist guy Both	6/14/2016	no changes							
110 - D	Guy wire comp. Make-up-Attaching span guy to interset pole Both	6/14/2016	no changes							
110 - E	Guy wire comp. Make-up-Guy guards Both	6/14/2016	no changes							
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.		6/14/2016	no changes							
111 - A	Anchors-expanding plate(handDig) Both	6/14/2016	no changes							
111 - B	Anchors-expanding plate(Truch access) Both	6/14/2016	no changes							
111 - C	Anchors-PISA screw anchor Both	6/14/2016	no changes							
111 - D	Anchors-Hydraulically driven (mantaray) Both	6/14/2016	no changes							
111 - E	Anchors-Concreting an anchor Both	6/14/2016	no changes							
111 - F	Anchors-Sale of abandoned anchor to another utility-all sizes Both	6/14/2016	no changes							
111 - G	Anchors-Existing anchor purchase (Rear property) Both	6/14/2016	no changes							
111 - H	Anchors-Existing Anchor Purchase (street/alley) Both	6/14/2016	no changes							
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.		6/14/2016	no changes							
112 - A	Sidewalk anchor fittings-2" pipe brace & fittings Both	6/14/2016	no changes							
112 - B	Sidewalk anchor fittings-2 1/2" pipe brace & fittings Both	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	6/14/2016	no changes							
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility- all sizes	Both	6/14/2016	no changes							
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.			no changes							
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	6/14/2016	Add section 12.8 PENDING Section. OK 7/19/16							
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	6/14/2016	no changes							
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	6/14/2016	no changes							
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	6/14/2016	no changes							
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	6/14/2016	OK 8/16/2016							
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	6/14/2016	no changes							
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	6/14/2016	no changes							
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).		6/14/2016	no changes							
Installation Costs - Power Circuits										
120 Crossarms, standard line (pins and insulators are extra): These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)										
120 - A 0-7.5KV single WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - B 0-7.5KV Double WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - D 0-7.5KV WOOD Sidearm-single	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							

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	P/C									
120 - E 0-7.5KV WOOD Sidearm-Double	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - F 7.6-15KV Single WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - G -7.6-15KV Double WOOD arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - H -7.6-15KV WOOD Sidearm-single	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 - I 7.6-15KV WOOD Sidearm-Double	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
120 -J Crossarms- WOOD, standard line-16- 115KV Single arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -K Crossarms- WOOD, standard line-16- 115KV Double arm	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -L Crossarms- WOOD, standard line-16- 115KV Double arm w/rein brckets	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -M Crossarms- WOOD, standard line-16- 115KV Sidearm single	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
120 -N Crossarms- WOOD, standard line-16- 115KV Sidearm Double	Power	6/14/2016	no changes							
CF ARM	Power	6/14/2016	no changes							
16-34KV	Power	6/14/2016	no changes							
66-115KV	Power	6/14/2016	no changes							
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.		6/14/2016	no changes							
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	6/14/2016	no changes							
Plus conductor	Power	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
NOTE: 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.										
		6/14/2016	no changes							
122 -A Insulators incl. Pins/hardware/0-7.5KV pin type ea	Power	6/14/2016	Added 122 (i) to (p) OK 7/19/2016							
122 -B Insulators incl. Pins/hardware/11 or 16KV pin type ea	Power	6/14/2016	no changes							
122 -C Insulators incl. Pins/hardware/34KV pin type ea	Power	6/14/2016	no changes							
122 -D Insulators incl. Pins/hardware/66KV pin type ea	Power	6/14/2016	no changes							
122 -E Insulators incl. Pins/hardware/11 and 16KV post type ea	Power	6/14/2016	no changes							
122 -F Insulators incl. Pins/hardware/34KV post type ea	Power	6/14/2016	no changes							
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	6/14/2016	no changes							
122 -H Insulators incl. Pins/hardware/34-115KV suspension (strain)	Power	6/14/2016	no changes							
122 - I to P			New Item 7/19/2016							
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	6/14/2016	no changes							
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	6/14/2016	no changes							
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	6/14/2016	no changes							
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	6/14/2016	no changes							
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	6/14/2016	no changes							
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	6/14/2016	no changes							
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	6/14/2016	no changes							
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	6/14/2016	no changes							
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	6/14/2016	no changes							
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	6/14/2016	OK 7/19/16							
NOTE:										
NOTE: Add \$70 for each additional insulator on items (c) to (d).	Power	6/14/2016	no changes							
Add \$127 for each additional insulator on items (e) to (f).	Power	6/14/2016	no changes							
Add \$143 for each additional insulator on item (g).	Power	6/14/2016	no changes							
Add \$183 for each additional insulator on item (h).	Power	6/14/2016	no changes							
Add \$199 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	6/14/2016	no changes							
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	6/14/2016	no changes							
Plus conductor ea.	Power	6/14/2016	no changes							
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	6/14/2016	no changes							
Plus triplex conductor ea.	Power	6/14/2016	no changes							
125 -ground assembly, complete	Power	6/14/2016	no changes							
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.		6/14/2016	no changes							
126-A Support: single insulator, fiberglass	Power	6/14/2016	no changes							
126-B Support: Double insulator, fiberglass	Power	6/14/2016	no changes							
126-C Support: Triple insulator, fiberglass	Power	6/14/2016	no changes							
126-D Support: Pole Top insulator, fiberglass	Power	6/14/2016	no changes							
127 Support, single dead end fiberglass	Power	6/14/2016	no changes							
128-A Insulator mounting bracket-single(vert or Hort)	Power	6/14/2016	no changes							
128-B Insulator mounting bracket-Double(vertical)	Power	6/14/2016	no changes							
128-C Insulator mounting bracket-Single over 40KV	Power	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipme nt Expense	General & Admin	Total Cost (Formula)
	P/C									
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power	6/14/2016	OK 7/19/16							
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power	6/14/2016	no changes							
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	6/14/2016	OK 7/19/16							
131 Insulator assembly bracket for endarm mounting	Power	6/14/2016	no changes							
132-A mounting bracket: two transformers	Power	6/14/2016	no changes							
132-B mounting bracket: three transformers	Power	6/14/2016	no changes							
NOTE: Refer to Item 120 for conductor cost.		6/14/2016	no changes							
149 - Installation of power line equip. not listed-Special Agreement 1.2.			no changes							
Installation Costs - Communication Circuits										
159-Semi-circular cable guard ("U" guard): installation	Communication	6/14/2016	no changes							
160 - A Crossarms-single wood service	Communication	6/14/2016	OK 7/19/16							
160-B Crossarms-Double wood service	Communication	6/14/2016	OK 7/19/16							
160-C Crossarms/Composite Fiberglass Arm	Communication	6/14/2016	OK 7/19/16							
160-D Crossarms-Attach to existing arm no charge	Communication		no changes							
161 - A Guardarm-single wood service	Communication	6/14/2016	OK 7/19/16							
161-B -Guardarms-Double wood service	Communication	6/14/2016	OK 7/19/16							
161-C -Guardarms-Composite Fiberglass	Communication	6/14/2016	OK 7/19/16							
161-D -Attach to existing arm-no charge	Communication		DELETE 7/19/2016							
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	6/14/2016	no changes							
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	6/14/2016	no changes							
164 - A Cable arm(install or atch to existing)-Single WOOD arm W/one cable	Communication	6/14/2016	no changes							
CF ARM	Communication	6/14/2016	no changes							
164 - B Cable arm(install or atch to existing)-Double WOOD arm W/one cable	Communication	6/14/2016	no changes							
CF ARM	Communication	6/14/2016	no changes							
164 - C Cable arm(install or atch to existing)-Extension WOOD arm W/one cable	Communication	6/14/2016	no changes							
CF ARM	Communication	6/14/2016	no changes							

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
164 - D Cable arm(install or attach to existing)-Additional cable/separ.mess.on same arm	Communication	6/14/2016	no changes							
164 - E Cable arm(install or attach to existing)-Attache to existing cable arm-NO CHARGE	Communication	6/14/2016	no changes							
165 - Cable attached direct to interset pole, each	Communication	6/14/2016	no changes							
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	6/14/2016	no changes							
166 - B Messenger reinforcing units-reinforcing link ea.	Communication	6/14/2016	DELETE 7/19/2016							
167 - A Messenger without cable - single arm	Communication	6/14/2016	no changes							
167 - B Messenger without cable - Double arm	Communication	6/14/2016	no changes							
167 - C Messenger without cable - Extension arm	Communication	6/14/2016	no changes							
167 - D Messenger without cable - Direct to pole	Communication	6/14/2016	no changes							
167 -E Messenger without cable - additional messenger	Communication	6/14/2016	no changes							
168 - Multiple distribution service wire attached to pole/arm	Communication	6/14/2016	no changes							
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location	Communication	6/14/2016	no changes							
NOTE: Billing is optional, depending on policy of utility.		6/14/2016	no changes							
170 - Bonding to secondary neutral ground, per pole	Communication	6/14/2016	OK 7/19/16							
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.		6/14/2016	no changes							
Legend:		= Do not enter price								
Column/Element Definitions										
Column 1: <u>Item number and definition.</u> Authorized Cost item number, and description.										
Column 2: <u>Power/Communication/Both</u> This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.										
Column 3: <u>Direct Labor (loaded)</u> The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.										
Column 4: <u>Total Labor Hours</u> The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.										
Column 5: <u>Total Direct Labor</u> This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.										

Item Number	Power/Comm/Both	Date Discussed	2017-2018 Changes Comments	Direct Labor (loaded)	Total Labor Hours	Total Direct Labor (\$) (Formula)	Material Cost (FOB)	Equipment Expense	General & Admin	Total Cost (Formula)
	P/C									
<p>Column 6: <u>Material Cost (FOB)</u> The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.</p> <p>Column 7: <u>Equipment Expense</u> The expense of the equipment directly used in this transaction/operation. The expenses should include fuel, oil, and average maintenance costs. If the Equipment Expense is already included within another defined expense on the Pole Price Matrix expense categories (i.e., Direct Labor (Loaded) or General Administrative), please notate under which pricing element these costs are already included.</p> <p>Column 8: <u>General and Administrative</u> The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.</p> <p>Column 9: <u>Total Cost</u> The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.</p> <p>*** 08/16/2016: Item 19 authorized cost calculation is determined by:</p> <ol style="list-style-type: none"> Labor required in preparation to relocate top portion of the old pole. Relocation and support of the top portion of the old pole. Include the cost associated with supporting cables and conductors. 										

AUTHORIZED COSTS

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

POLE MAINTENANCE AND MISCELLANEOUS

ITEM

5. Removing from service:

(a) Pulling (includes 1 hour pre-planning and engineering)	per pole	931
(b) Transporting.....	per pole	412
(c) Topping Pole (based on cut and lowering of pole top).....	per pole	801
(d) Disposal (effective 07/01/02).....	per pole	735
(e) Lowering (for use only with LTD in conjunction with item 19 cut and kick *Added April 2013).....	per pole	581
(f) Removal of steel truss (any size).....		957

7/19/2016

6. Pole Stubbing (stub-size):

(a) 8 ft. metal truss.....	1273
(b) 10 ft. metal truss.....	988
(c) 11 ft. metal truss.....	1318
(d) 12 ft. metal truss.....	1083
(e) 13 ft. metal truss	1648
(f) 14 ft. metal truss.....	2146
(g) 15.5 ft. metal truss	2308
(h) Additional metal trusses (all sizes).....	773
(i) Inaccessible to stubbing equipment.....	1882
(j) ET (Extended) truss	7/19/2016

9. Hand Dig Pole Set/Hand Removal 4297
(does not apply to Sec 7.4 or rear property line)

(a) Pole set: Not inaccessible to digging equipment	
(b) Pole set/removal: Accessible with Conflict-Must specify nature of conflict on Form 48, Form 7, or Form 2.....	
(c) Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary).....	

7/19/2016

10. Sidewalk or 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)

(a) Cement break and temporary repair.....	1203
(b) Asphalt break and repair.....	1170
(c) Cement saw cut break and repair. Based on 25 square feet.....	932
(d) Cement saw cut break and repair. Based on 50 square feet.....	
(e) ADA accessible ramp.....	

11. Joint Rights of Way: (By special agreement) – Pending review section 8

AUTHORIZED COSTS

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

ITEM

13. Pole/anchor access obstructions:

(a) Clearing poles in State Responsibility area.....	278
(Includes cost of contractor to perform activity and post Quality Control inspection)	
(b) Removal of vegetation to facilitate the placement/replacement/removal of a pole	303
(c) All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.	
(d) Traffic Control <u>for joint construction work (see glossary) (Pending prices-may remove "By Special Agreement Section 1.2" depending on prices submitted by members 7/19/2016)</u>	
- <u>hourly rate for traffic control setup cones, signs etc.....</u>	
- <u>hourly rate for flagman.....</u>	
- <u>straight time.....</u>	
- <u>premium time</u>	
- <u>pricing for the development of the traffic control plan.....</u>	
<u>7/19/2016</u>	

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19. Cost for cut & kick:

Only to be used with Section 7.4. Must state benefiting member(s) or mutual benefit under "Nature of Work"

(a) Pole placement located on street without riser and/or equipment	1946
(b) Pole placement located on street with riser and/or equipment.....	2194
(c) Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment.....	3057
(Note: Item 9 not to be used concurrently with item 19 A,B,C)	
<u>(Note: Item 19 includes pulling of butt 5(a))REMOVING Item 5 (a) 7/20/2016 Operating meeting 7/19/2016 added note</u>	

***NOTE:** Items 1,2,4 and 6 - For pole in sidewalk or pavement, use the specified "in earth" cost and add Item 10 as a separate item for the cost of sidewalk or pavement repair.

AUTHORIZED COSTS

**INSTALLATION COSTS
POWER CIRCUITS**

ITEM

122. Insulators, including pins and hardware:

(a) 0-7.5kv pin type, each.....	99
(b) 11 or 16kv pin type, each.....	104
(c) 34kv pin type, each.....	271
(d) 66kv pin type, each.....	266
(e) 11 and 16kv post type, each.....	131
(f) 34kv post type, each.....	293
(g) 66kv post type, each.....	390
(h) 34 to 115kv suspension (strain) type, each insulator.....	181
(i) <u>Silicone Insulators 0-7.5kv pin type, each.....</u>	
(j) <u>Silicone Insulators 11 or 16kv pin type, each.....</u>	
(k) <u>Silicone Insulators 34kV pin type, each.....</u>	
(l) <u>Silicone Insulators 66kV pin type, each.....</u>	
(m) <u>Silicone Insulators 11 and 16kV post type, each.....</u>	
(n) <u>Silicone Insulators 34kV post type, each.....</u>	
(o) <u>Silicone Insulators 66kV post type, each.....</u>	
(p) <u>Silicone Insulators 34 to 115kV suspension (strain) type, each insulator.....</u>	

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**INSTALLATION COSTS
COMMUNICATION CIRCUITS**

ITEM

161. Guard Arms: (For installation or attachment to existing with service wire only)

(a) Single wood service arm.....	243
(b) Double wood service arm.....	280
(c) Composite Fiberglass arm.....	225
(d) <u>Attach to existing arm.....</u>	No Charge
<u>7/19/2016</u>	

166. Messenger reinforcing units:

(a) Reinforcing strap, each.....	73
(b) <u>Reinforcing link, each.....</u>	79
<u>7/19/2016</u>	

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

Please submit to SCJPC by:
 September 30, 2016

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.

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

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

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

(*****) 8/10/2016 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

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
		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.

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

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

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

2017 DEFINITIONS OF ELEMENTS

1. **Pole Length** - Pole price elements are based upon the length and the predominant class 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. Excludes hand-digging and inaccessible to setting equipment costs.
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** – This is the number of jointly owned poles set by a member utility in the previous calendar year. The SCJPC provides the total number.

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

September 20, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 9:04 am at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Mr. Earl Carrion - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Mr. Chris Manning – Extenet
Ms. Maria Ortiz – XO Communications
Ms. Yvonne Johnson – AT&T Mobility
Mr. Andrew Craig – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lily Tran – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Lynn Prescott – Verizon Wireless
Ms. Kay Black – AT&T California
Mr. Josh Mathisen – AT&T California
Mr. Alex Parra – City of Riverside
Ms. Shawn Henderson – T-Mobile USA
Mr. Joe Serrato – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. DeBarge called the meeting to order at 9:04 a.m.

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

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

Agenda Item 3 – Review of Pending Authorized Cost Items –Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Edison and LADWP are working on costs for these items. They will report back next month. Ms. Carmichael requested a list of acceptable uses, what is included in costs. She feels all verbiage should be included with prices. The committee agreed.

Agenda Item 6 – Item 1613 – Traffic Control/ Pedestrian Control – After some discussion the committee agreed this agenda item should be closed. Ms. Pranata informed the committee an Authorized Cost item was created and added to the Authorized Cost Matrix. Item 13D – Traffic Control for Joint Construction Work; Traffic Control Design per page, site specific.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal – Ms. Carmichael feels this should be handled via section 1.2- Special Agreement. After some discussion the committee agreed to table this discussion. Will revisit next month.

Agenda Item 8 – Review of 2017 Authorized Costs – Waiting for submission. Due date September 30th, 2016.

Agenda Item 9 – Review of 2017 Pole Prices – Waiting for submission. Due date September 30th, 2016.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Ms. DeBarge asked committee members if CATV needs to be listed on the final whenever item 83 is listed. Ms. Hernandez asked if there is a transfer and showing 1CATV and 1PH shouldn't the new pole show a tenant. Mr. Williams answered, the new pole should definitely show a tenant. Ms. Hernandez explained this is not always the case. She then asked how members decide which utility to charge for the transfer. Mr. Brown (SCE) informed the committee Edison will charge the member whose space the tenant is occupying. Ms. Hernandez and Ms. Black feel that by listing CATV or PH it puts up a flag and gives the utility being charged an opportunity to research in cases where the tenant is unauthorized. Ms. Hernandez then asked Ms. Pranata to add this subject to the Routine Revision Agenda. Ms. Pranata added “Unrecorded Tenants on Proposed Form 2” to the Routine Revision Agenda.

Review of Action Items:

Authorized Cost – September 20, 2016

- LADWP and SCE to provide and average hourly cost for cranes per size as well as Helicopter costs.
- All members to submit 2017 Pole Prices by September 30th 2016.
- All members to submit Authorized Costs Matrix by September 30th 2016.

The ad hoc meeting adjourned at 9:46 a.m. The next meeting is scheduled for October 18, 2016.

Jenny Silva – Committee Staff

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

October 18, 2016

A meeting of the **ad hoc Authorized Cost Elements Committee** took place on the above date, at 10:58 am at the Committee office. Those in attendance were:

Ms. April DeBarge – Southern California Edison
Mr. Larry Chow – Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Ms. Lynn Prescott – Verizon Wireless
Mr. Steve Brown – City of Los Angeles – DWP
Mr. Christopher Cravens – City of Los Angeles – DWP
Mr. Jeffery Williams – City of Los Angeles - DWP
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Ms. Jessica Daigle – NCJPA
Ms. Erika Williams – NCJPA
Ms. Wendy Mueller - Extenet
Mr. Joe Serrato- Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Mr. Sonny Nuñez – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Maria Ortiz – XO Communications
Mr. Andrew Craig – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lily Tran – Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Mia Tran - Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Kay Black – AT&T California
Ms. Shawn Henderson – T-Mobile USA
Mr. Earle Carrion– Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC

Ms. DeBarge called the meeting to order at 10:58 a.m.

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

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

Agenda Item 3 – Review of Pending Authorized Cost Items –Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Edison and LADWP are working on costs for these items. They will report back next month. Ms. Carmichael requested a list of acceptable uses, what is included in costs. She feels all verbiage should be included with prices. Mr. Chow explained he feels it would be best for submitting members to come up with an hourly charge for both Crane and Helicopter. The submitted cost will be finalized by the committee. Tabled for next month.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – The members are questioning which Traffic control components are included in the pole prices. The committee reviewed the 2017 Definitions of Pole Price Elements. After some discussion Ms. Pranata presented the Authorized Cost Matrix so the members could review Item 13D-1, 2 and 3. After review Mr. Chow stated the three new items added to the matrix are not included in the pole price matrix. Mr. Williams feels the cost for traffic control in pole pricing should be removed from item 13D. Mr. Chow suggested adding a note to the Authorized Cost Matrix. The committee agreed. Ms. Pranata added note: “Authorized Cost should not include any of the components embedded in Pole Prices. (See Definitions of Pole Prices Elements)”. Ms. Pranata will send an email to all members notifying them of the added note. Mr. Brown (LADWP) suggested leaving this item on the Agenda until all members have submitted their Authorized Costs. The committee agreed.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal – After some discussion Ms. Pranata informed the members this item was supposed to have been added to the Routine Revision agenda with a place holder under item 14C. Somehow it was missed. Mr. Williams feels if the committee agreed on adding this item then all members would have to submit pricing on a second trip out to the site to pull a pole from the front yard as well as pricing for pulling a pole form the back yard. The committee agreed. Mr. Chow asked Ms. Pranata to add a place holder to the matrix along with the place holders for Helicopter and Crane sets. Ms. Pranata added a place holder for item 14C –Failure to complete pole removal.

Agenda Item 8 – Review of 2017 Authorized Costs – Mr. Chow asked Ms. Pranata to add two more place holders to the Authorized Cost Matrix. Ms. Pranata added Items “5G – Removal from service- Steel stub pole” and 5H – Removal from service Fiber glass wrapped pole. As of now Ms. Pranata has only received Authorized Costs from two members. Item tabled.

Agenda Item 9 – Review of 2017 Pole Prices – Ms. Pranata informed the committee members T-Mobile chose not to submit individual pricing as usual. They will now be added to the weighted average. Ms. Pranata also informed the committee she is still waiting on a pole prices from a few members but offered to review what she has so far. The committee reviewed individual pricing submitted by LLW, B, SCW and LAC. LAC informed Ms. Pranata there is no pricing for poles sizes 75ft – 110ft. This is the first year the City of Burbank will be submitting individual pole prices.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – There are no misc. items at this time.

Review of Action Items:

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

The ad hoc meeting adjourned at 11:51 a.m. The next meeting is scheduled for November 15, 2016.

Jenny Silva – Committee Staff

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

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

SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 01

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
	P/C		1 Power	1 Power				2	
POLE MAINTENANCE AND MISCELLANEOUS									
1 -Trenching/Moving 30' -35' WITH supply	Power	2470	2613					1	2613
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939					1	2939
1-Trenching/Moving 50'- 55' WITH supply	Power	3406	3593					1	3593
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919					1	3919
1-Trenching/Moving 70'-75' WITH supply	Power	6118							#DIV/0!
1-Trenching/Moving 80'-85' WITH supply	Power	6566							#DIV/0!
1-Trenching/Moving 90'-95' WITH supply	Power	6977							#DIV/0!
1-Trenching/Moving 100' WITH supply	Power	7202							#DIV/0!
2 -Trenching/Moving 30'-35' WITHOUT supply	Communication	872							#DIV/0!
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940							#DIV/0!
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442							#DIV/0!
3 - Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306					1	1306
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633					1	1633
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960					1	1960
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286					1	2286
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583							#DIV/0!
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810							#DIV/0!
3- Lowering/Raising to Grade 90'-95'	Both	1951							#DIV/0!
3- Lowering/Raising to Grade (one operation) 100'	Both	1988							#DIV/0!
4 - Straightening in Earth 30'-35'	Both	866	1960					1	1960
4- Straightening in Earth 40'-45'	Both	917	2286					1	2286
4- Straightening in Earth 50'-55'	Both	986	2939					1	2939
4- Straightening in Earth 60'-65'	Both	1472	3919					1	3919
4- Straightening in Earth 70'-75'	Both	1374	0						#DIV/0!
4- Straightening in Earth 80'-85'	Both	1551	0						#DIV/0!
4- Straightening in Earth 90'-95'	Both	1551	0						#DIV/0!
4- Straightening in Earth 100'	Both	2763	0						#DIV/0!
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	931	1306	1045				2	1176
5-B Removing From Service:Transporting	Both	412	327	523				2	425
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523				2	506
5-D Removing From Service: Disposal	Both	735	622					1	622
5-E Removing from service: Lowering	Both	581	213					1	213
5-F Removing From Service: Removal of steel truss (any size)	Both	957	980					1	980
6-A Pole Stubbing 8 Ft metal truss	Power	1273	1306					1	1306
6-B Pole Stubbing 10-11 Ft metal truss	Power	988	1306	1959				2	1632
6-C Pole Stubbing 11 Ft metal truss	Power	1318	1633	1959				2	1796
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633					1	1633
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960					1	1960
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286					1	2286
6-G Pole Stubbing 15.5 Fmetal truss	Power	2308	2286					1	2286

**SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 01**

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
6-H Pole Stubbing: Add'l metal trusses (all sizes)	Power	773	1306					1	1306
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1882	653					1	653
6-J Pole Stubbing: ET (Extended) Truss (new item)	Power								#DIV/0!
7 - Intentionally left blank									
8-A Semi Cir. Pole Guards - Installation	Both	158							#DIV/0!
8-B Semi Cir. Pole Guards - Transferring	Both	118							#DIV/0!
9 Title: Hand Dig Pole Set/Hand Removal									
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both		1371	2090				2	1730
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both			2090				1	2090
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both								#DIV/0!
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:									
10-A Cement break and temporary repair	Both	1203	1732	523				2	1127
10-B Asphalt break & repair	Both	1170	1234	669				2	951
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669				2	1201
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both			816				1	816
10-E ADA accessible ramp (new item)	Both		0						
11-Joint Rights of Way-by special agreement									
12-A-Reserved for future use									
12-B Pole Inspect/Treat-Partial Dig	Power	52	133					1	133
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133					1	133
12-D Pole Inspect/Treat-Full Treatment	Power	63	133					1	133
12-E Pole Inspect/Treat-Reject	Power	49	133					1	133
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199					1	199
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Both	278	414					1	414
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	303	414					1	414
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.									
13D (1) Traffic Control for joint construction work: Hourly rate for traffic control setup cones, signs, etc (new item)	Both								#DIV/0!
13D (2) Traffic Control for joint construction work: Hourly rate for flaggers (new item)	Both								#DIV/0!
13D (3) Traffic Control for joint construction work: Traffic control design per page, site specific. (new item)	Both								#DIV/0!
13E Helicopter Cost - pending Item do not enter cost	Both								

SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 01

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
13F Crane Cost - pending Item do not enter cost									
Both									
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	251	90					1	90
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	110	45					1	45
15-A Pole Marking-Tagging	Both	43	41	105				2	73
15-B Pole Marking-Visibility Strips	Both	42	48	108				2	78
16-A Backhoe 2/hr minimum	Both	252	305					1	305
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191					1	191
17 Title: Wood Pole Fiberglass wrap									
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810							#DIV/0!
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427							#DIV/0!
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428							#DIV/0!
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116							#DIV/0!
18-A ModPole Material & Installation 9'	Power	5635	3025					1	3025
18-B ModPole Material & Installation 14'	Power	6411	3351					1	3351
18-C ModPole Material & Installation 18'	Power	6740	4005					1	4005
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	1946	1633	2090				2	1861
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2194	1960	2613				2	2286
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3057	3266					1	3266
TRANSFER COSTS GUY WIRES -----									
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:									
20- A All types and sizes, each end	Both	283	499					1	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:	Both	398	502					1	502
20-C Insulator relocation	Both	225	251					1	251
TRANSFER COSTS - POWER CIRCUITS -----									
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:									
21 - A 0-7.5 kv single Arm (includes service arm)									
Transfer Arm	Power	407							#DIV/0!
Transfer Conductor (splicing required)	Power	338							#DIV/0!
Transfer Conductor (no splicing)	Power	228							#DIV/0!
21 - B 0-7.5 kv double arm									
Transfer Arm	Power	791							#DIV/0!

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Transfer Conductor (splicing required)	Power	338							#DIV/0!
Transfer Conductor (no splicing)	Power	228							#DIV/0!
21 - C 0-7.5 kv double arm with									
Transfer Arm	Power	999							#DIV/0!
Transfer Conductor (splicing required)	Power	338							#DIV/0!
Transfer Conductor (no splicing)	Power	228							#DIV/0!
21 - D 0-7.5kv sidearm - single									
Transfer Arm	Power	261							#DIV/0!
Transfer Conductor (splicing required)	Power	391							#DIV/0!
Transfer Conductor (no splicing)	Power	261							#DIV/0!
21 - E 0-7.5kv sidearm - double									
Transfer Arm	Power	1088							#DIV/0!
Transfer Conductor (splicing required)	Power	338							#DIV/0!
Transfer Conductor (no splicing)	Power	228							#DIV/0!
21 - F 7.6-15kv single arm									
Transfer Arm	Power	261							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - G 7.6-15kv double arm									
Transfer Arm	Power	522							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - H 7.6-15kv sidearm - single									
Transfer Arm	Power	522							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - I 7.6-15kv sidearm - double									
Transfer Arm	Power	913							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - J 16-34kv single arm									
Transfer Arm	Power	1130							#DIV/0!
Transfer Conductor (splicing required)	Power	468							#DIV/0!
Transfer Conductor (no splicing)	Power	358							#DIV/0!
21 - K 16-34kv double arm									
Transfer Arm	Power	1432							#DIV/0!
Transfer Conductor (splicing required)	Power	468							#DIV/0!
Transfer Conductor (no splicing)	Power	358							#DIV/0!
21 - L 16-34kv double arm with									
Transfer Arm	Power	1714							#DIV/0!
Transfer Conductor (splicing required)	Power	468							#DIV/0!
Transfer Conductor (no splicing)	Power	358							#DIV/0!
21 - M 16-34kv sidearm - single									
Transfer Arm	Power	652							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - N 16-34kv sidearm - double									
Transfer Arm	Power	1779							#DIV/0!
Transfer Conductor (splicing required)	Power	468							#DIV/0!
Transfer Conductor (no splicing)	Power	358							#DIV/0!
21 - O 66-115kv single arm									
Transfer Arm	Power	783							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - P 66-115kv double arm									
Transfer Arm	Power	1044							#DIV/0!

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Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
21 - Q 66-115kv steel arm									
Transfer Arm	Power	1090							#DIV/0!
Transfer Conductor (splicing required)	Power	652							#DIV/0!
Transfer Conductor (no splicing)	Power	522							#DIV/0!
NOTE: Add Item 24 for bonding cost.									
<p>NOTES CONCERNING ITEMS 21 AND 22: For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.</p>									
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:									
22-A 0-750 volt secondary	Power	222							#DIV/0!
22-B 750-7,500 volt primary	Power	440							#DIV/0!
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139							#DIV/0!
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198							#DIV/0!
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198							#DIV/0!
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost									
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)									
23-A Flat to vertical 7.5-115kv single arm per pole	Power	2064							#DIV/0!
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789							#DIV/0!
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154							#DIV/0!
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070							#DIV/0!
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789							#DIV/0!
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154							#DIV/0!
NOTE: Cost of rebonding is included in above prices.									
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360							#DIV/0!
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590							#DIV/0!
25 - Ground Wire, Incl. protective covering	Power	510							#DIV/0!

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26 - Pole Top Switches(oil or Open Air) Price <i>by field agreement</i> (cost to be estimated and agreed to by field engineers)									
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	300							#DIV/0!
Plus Conductor ea.	Power	205							#DIV/0!
27 - B Bracket, Triplex	Power	213							#DIV/0!
Plus Triplex conductor	Power	205							#DIV/0!
NOTE: If rack or bracket supports service drops only, omit specified line conductor cost and add Item 28. If service drops originate from line conductors, Item 28 is additional.									
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	130							#DIV/0!
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207							#DIV/0!
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162							#DIV/0!
29- A Transformers 1-1/2 to 25 KVA each	Power	2490							#DIV/0!
29- B Transformers 30 to 167 KVA each	Power	2751							#DIV/0!
29- C Mounting Brackets, two transformers	Power	298							#DIV/0!
NOTE: If two transformers are on the same arm, deduct \$99 from the total; if three transformers are on the same arm, deduct \$246 from the total.									
30-A Capacitors/capacitor bank switched	Power	4701							#DIV/0!
30-B Capacitors/capacitor bank non-switched	Power	2612							#DIV/0!
31-A Street Lights Ctr Susp type-span end	Power	1177							#DIV/0!
31-B Street Lights Ctr Susp type-Feed end	Power	1320							#DIV/0!
31-C Street Lights Gooseneck or brket type open wire	Power	1177							#DIV/0!
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536							#DIV/0!
31-E Street Lights Mast arm type	Power	627							#DIV/0!
31-F Street Lights Pole top pin and insulator-single	Power	143							#DIV/0!
31-G Street Lights Pole top pin and insulator-Double	Power	155							#DIV/0!
32 Meter of Time Switch Control Box (Price by field agreement)									
33-A Support single insulator fiberglass	Power	239							#DIV/0!
33-B Support Double insulator fiberglass	Power	239							#DIV/0!
33-C Support Triple insulator fiberglass	Power	239							#DIV/0!
33-D Support Pole Top insulator fiberglass	Power	239							#DIV/0!
34 Support, single deadend fiberglass	Power	239							#DIV/0!
35-A Insulator mounting brkets-single(ver-Hort)	Power	295							#DIV/0!
35-B Insulator mounting brkets-Double(vertical)	Power	360							#DIV/0!

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35-C Insulator mounting brkets-Single, over 40KV	Power	783							#DIV/0!
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352							#DIV/0!
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509							#DIV/0!
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263							#DIV/0!
38- Insulator assembly bracket for endarm mountings	Power	679							#DIV/0!
NOTE: Refer to Item 21 for conductor cost									
39 - Stand-off brackets for jointly used risers (new item)	Power								#DIV/0!
40 - Transferring risers (new item)	Power								#DIV/0!
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. <i>(special agreement)</i>									
TRANSFER COSTS - COMMUNICATION CIRCUITS -----									
74- Semi-circular cable guard ("U" guard): transferring	Communication	205							#DIV/0!
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247							#DIV/0!
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259							#DIV/0!
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54							#DIV/0!
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	51							#DIV/0!
79- Multiple Distribution Service Wire on line pole	Communication	97							#DIV/0!
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72							#DIV/0!
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77							#DIV/0!
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361							#DIV/0!
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399							#DIV/0!
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	393							#DIV/0!
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	331							#DIV/0!
NOTE: The above prices do not include cable terminals.									
83-A Cable attached direct to pole (complete)	Communication	195							#DIV/0!
83-B Cable attached (additional work required) (new item)	Communication								#DIV/0!
84-A Messenger reinforcing units-Strap each	Communication	179							#DIV/0!

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84-B Messenger reinforcing units-Link each	Communication	177							#DIV/0!
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207							#DIV/0!
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243							#DIV/0!
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236							#DIV/0!
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246							#DIV/0!
86- Messenger dead end, all sizes-with or without cable	Communication	202							#DIV/0!
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208							#DIV/0!
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292							#DIV/0!
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294							#DIV/0!
88- Multiple Distribution Wire terminal Transfer	Communication	169							#DIV/0!
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561							#DIV/0!
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470							#DIV/0!
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595							#DIV/0!
NOTE-When necessary to use multiple distribution stub, add the following to cost above;									
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412							#DIV/0!
NOTE-Costs of drop and/or line pair rearrangements and cable transfer are not included in the above prices and are added only when cost of transfer is made applicable under the Routine. For replacement of terminals larger than 50 pair, the cost is to be billed under Item #109.									
91-A Cable Splicing/per splice/per pair=18 pr	Communication	343							#DIV/0!
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332							#DIV/0!
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383							#DIV/0!
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579							#DIV/0!
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803							#DIV/0!
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088							#DIV/0!
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237							#DIV/0!
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769							#DIV/0!
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045							#DIV/0!

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375							#DIV/0!
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727							#DIV/0!
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601							#DIV/0!
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.									
92 - Cable risers, incl pipe and molding ea.	Communication	283							#DIV/0!
93 - Underground and terminal facilities: Where the location of a pole makes reconstruction of cable plant necessary, the engineer is to estimate the cost (exclusive of material) and include same under this item number in the billing. (Sec 1.2 by special agreement)									
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1384							#DIV/0!
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082							#DIV/0!
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803							#DIV/0!
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152							#DIV/0!
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038							#DIV/0!
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451							#DIV/0!
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968							#DIV/0!
94-A-8 Any size above and beyond by special agreement Section 1.2									
97- Transfer meter curcuit breaker box/disconnect box	Communication	883							#DIV/0!
109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under Section 1.2.									
INSTALLATION COSTS - GUYS AND ANCHORS -----									
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201					1	201
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323					1	323
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207					1	207
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201					1	201
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212					1	212

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.									
111 - A Anchors-expanding plate(handDig)	Both	974	1079					1	1079
111 - B Anchors-expanding plate(Truch access)	Both	696	302					1	302
111 - C Anchors-PISA screw anchor	Both	696	302	1125				2	714
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459					1	459
111 - E Anchors-Concreting an anchor	Both	337	584					1	584
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156					1	156
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156					1	156
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156					1	156
NOTE: Actual size of anchor needs to be noted on JPA along with the appropriate item number for type. Items 111 (g), and (h) are calculated at 70% of Item 111 (a) and (b) respectively.									
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	297	0						#DIV/0!
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171					1	171
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0						#DIV/0!
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	272	0						#DIV/0!
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.									
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	471	653					1	653
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653					1	653
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653					1	653
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653					1	653
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306					1	1306
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306					1	1306
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306					1	1306
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).									
INSTALLATION COSTS - POWER CIRCUITS -----									

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120 Crossarms, standard line (pins and insulators are extra): These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)									
120 - A 0-7.5KV single WOOD arm	Power	316							#DIV/0!
CF ARM	Power	463							#DIV/0!
Plus conductor	Power	206							#DIV/0!
120 - B 0-7.5KV Double WOOD arm	Power	619							#DIV/0!
CF ARM	Power	889							#DIV/0!
Plus conductor	Power	206							#DIV/0!
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949							#DIV/0!
CF ARM	Power	1347							#DIV/0!
Plus conductor	Power	250							#DIV/0!
120 - D 0-7.5KV WOOD Sidearm-single	Power	332							#DIV/0!
CF ARM	Power								#DIV/0!
Plus conductor	Power	217							#DIV/0!
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648							#DIV/0!
CF ARM	Power	799							#DIV/0!
Plus conductor	Power	250							#DIV/0!
120 - F 7.6-15KV Single WOOD arm	Power	302							#DIV/0!
CF ARM	Power								#DIV/0!
Plus conductor	Power	217							#DIV/0!
120 - G 7.6-15KV Double WOOD arm	Power	602							#DIV/0!
CF ARM	Power								#DIV/0!
Plus conductor	Power	217							#DIV/0!
120 - H 7.6-15KV WOOD Sidearm-single	Power	333							#DIV/0!
CF ARM	Power								#DIV/0!
Plus conductor	Power	217							#DIV/0!
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670							#DIV/0!
CF ARM	Power								#DIV/0!
Plus conductor	Power	217							#DIV/0!
120 - J Crossarms- WOOD , standard line-16-115KV Single arm	Power	613							#DIV/0!
CF ARM	Power	705							#DIV/0!
16-34KV	Power	255							#DIV/0!
66-115KV	Power	315							#DIV/0!
120 - K Crossarms- WOOD , standard line-16-115KV Double arm	Power	802							#DIV/0!
CF ARM	Power	780							#DIV/0!
16-34KV	Power	482							#DIV/0!
66-115KV	Power	631							#DIV/0!
120 - L Crossarms- WOOD , standard line-16-115KV Double arm w/rein brckets	Power	1089							#DIV/0!
CF ARM	Power	1567							#DIV/0!
16-34KV	Power	865							#DIV/0!
66-115KV	Power	865							#DIV/0!
120 - M Crossarms- WOOD , standard line-16-115KV Sidearm single	Power	460							#DIV/0!
CF ARM	Power								#DIV/0!

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16-34KV	Power	460							#DIV/0!
66-115KV	Power	460							#DIV/0!
120 -N Crossarms-WOOD, standard line-16-115KV Sidearm Double	Power	785							#DIV/0!
CF ARM	Power	1438							#DIV/0!
16-34KV	Power	495							#DIV/0!
66-115KV	Power	706							#DIV/0!
<p>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.</p>									
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	1556							#DIV/0!
Plus conductor	Power	250							#DIV/0!
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	691							#DIV/0!
Plus conductor	Power	250							#DIV/0!
<p>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.</p>									
122 -A Insulators incl. Pins/hardware/0-7.5kV pin type ea	Power	99							#DIV/0!
122 -B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104							#DIV/0!
122 -C Insulators incl. Pins/hardware/34kV pin type ea	Power	271							#DIV/0!
122 -D Insulators incl. Pins/hardware/66kV pin type ea	Power	266							#DIV/0!
122 -E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131							#DIV/0!
122 -F Insulators incl. Pins/hardware/34kV post type ea	Power	293							#DIV/0!
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	390							#DIV/0!
122 -H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181							#DIV/0!
122 - I Silicone Insulators 0-7.5kV pin type, ea	Power								#DIV/0!
122 - J Silicone Insulators 11 or 16kV pin type, ea	Power								#DIV/0!
122 - K Silicone Insulators 34kV pin type, ea	Power								#DIV/0!
122 - L Silicone Insulators 66kV pin type, ea	Power								#DIV/0!
122 - M Silicone Insulators 11 and 16kV post type, ea	Power								#DIV/0!
122 - N Silicone Insulators 34kV post type, each	Power								#DIV/0!
122 - O Silicone Insulators 66kV post type, ea	Power								#DIV/0!

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122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power								#DIV/0!
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	103							#DIV/0!
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	121							#DIV/0!
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81							#DIV/0!
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155							#DIV/0!
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373							#DIV/0!
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378							#DIV/0!
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409							#DIV/0!
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072							#DIV/0!
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond - 4 insul	Power	1135							#DIV/0!
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	172							#DIV/0!
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	303							#DIV/0!
NOTE:									
Add \$74 for each additional insulator on items (c) to (d).	Power	74							#DIV/0!
Add \$165 for each additional insulator on items (e) to (f).	Power	165							#DIV/0!
Add \$180 for each additional insulator on item (g).	Power	180							#DIV/0!
Add \$246 for each additional insulator on item (h).	Power	246							#DIV/0!
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262							#DIV/0!
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	216							#DIV/0!
Plus conductor ea.	Power	183							#DIV/0!
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	156							#DIV/0!
Plus triplex conductor ea.	Power	185							#DIV/0!
125 - Ground assembly, complete <i>Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.</i>	Power	462							#DIV/0!
126-A Support: single insulator, fiberglass	Power	216							#DIV/0!
126-B Support: Double insulator, fiberglass	Power	265							#DIV/0!

SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 01

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
126-C Support: Triple insulator, fiberglass	Power	178							#DIV/0!
126-D Support: Pole Top insulator, fiberglass	Power	220							#DIV/0!
127 Support, single dead end fiberglass	Power	225							#DIV/0!
128-A Insulator mounting bracket-single(vert or Hort)	Power	292							#DIV/0!
128-B Insulator mounting bracket-Double(vertical)	Power	292							#DIV/0!
128-C Insulator mounting bracket-Single over 40KV	Power	841							#DIV/0!
129-A Steel Crossarm, squirrel cage bracket, incl. Insul-Single	Power	550							#DIV/0!
129-B Steel Crossarm, squirrel cage bracket, incl. Insul-Double	Power	491							#DIV/0!
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308							#DIV/0!
131 Insulator assembly bracket for endarm mounting	Power	646							#DIV/0!
132-A mounting bracket: two transformers	Power	389							#DIV/0!
132-B mounting bracket: three transformers	Power	599							#DIV/0!
NOTE: Refer to Item 120 for conductor cost.									
149 - Installation of power line equip. not listed-Special Agreement 1.2.									
INSTALLATION COSTS - COMMUNICATION CIRCUITS -----									
159 -Semi-circular cable guard ("U" guard): installation	Communication	163							#DIV/0!
160 - A Crossarms-single wood service	Communication	234							#DIV/0!
160-B Crossarms-Double wood service	Communication	261							#DIV/0!
160-C Crossarms/Composite Fiberglass Arm	Communication	232							#DIV/0!
160-D Crossarms-Attach to existing arm no charge	Communication								#DIV/0!
161 - A Guardarm-single wood service	Communication	243							#DIV/0!
161-B -Guardarms-Double wood service	Communication	280							#DIV/0!
161-C -Guardarms-Composite Fiberglass	Communication	225							#DIV/0!
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91							#DIV/0!
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49							#DIV/0!
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable	Communication	233							#DIV/0!
CF ARM	Communication	188							#DIV/0!
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable	Communication	253							#DIV/0!
CF ARM	Communication	200							#DIV/0!
164 - C Cable arm(install or attach to existing)-Extension WOOD arm W/one cable	Communication	230							#DIV/0!
CF ARM	Communication	182							#DIV/0!

**SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 01**

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
164 - D Cable arm(install or attach to existing)-Additional cable/separ.mess.on same arm	Communication	202							#DIV/0!
164 - E Cable arm(install or attach to existing)-Attache to existing cable arm- NO CHARGE									
165 - Cable attached direct to interset pole, each	Communication	192							#DIV/0!
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	73							#DIV/0!
167 - A Messenger without cable - single arm	Communication	248							#DIV/0!
167 - B Messenger without cable - Double arm	Communication	249							#DIV/0!
167 - C Messenger without cable - Extension arm	Communication	248							#DIV/0!
167 - D Messenger without cable - Direct to pole	Communication	248							#DIV/0!
167 -E Messenger without cable - additional messenger	Communication	234							#DIV/0!
168 - Multiple distribution service wire attached to pole/arm	Communication	92							#DIV/0!
169 - Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	90							#DIV/0!
170 - Bonding to secondary neutral ground, per pole	Communication	123							#DIV/0!
199- Installation of wireless equipment or communication equipment not listed: <i>Specify under this item number the nature thereof and the agreed cost under Section 1.2.</i>									

LEGEND:
 = Do not enter price
 = Notes, do not enter price

Column/Element Definitions

Column 1: Item number and definition.

Authorized Cost item number, and description.

Column 2: Power/Communication/Both

This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.

Column 3: Direct Labor (loaded)

The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.

Column 4: Total Labor Hours

The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.

Column 5: Total Direct Labor

This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.

Column 6: Material Cost (FOB)

The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.

Column 7: Equipment Expense

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.

**SCJPC Authorized Cost Matrix Worksheet
Effective January 2017 Draft 01**

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	CO	CO	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
Column 8: <i>General and Administrative</i>									
The average expense for additional labor (direct clerical support, direct supervision of the field crew, and indirect supervision of the crew) performing the transaction/operation. This is usually derived or calculated as a percentage of Direct Labor Rate.									
Column 9: <i>Total Cost</i>									
The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.									
*** 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.									

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: City of Burbank

Person completing worksheet: Ayman Arraj

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

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **YVONNE JOHNSON**

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

Weighted Average

Individual Costs

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

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

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

(****) 10/14/2016 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: City of Lompoc

Person completing worksheet: David Campo

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

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

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

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

Person completing worksheet: _____

Call Back Telephone Number & Email: _____

Weighted Average

Individual Costs

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

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

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

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

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

November 15, 2016

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

Ms. April DeBarge – Southern California Edison
Mr. Richard LaBarge - Southern California Edison
Ms. Jessica Pearson – Southern California Edison
Mr. Wayne Brown – Southern California Edison
Mr. Earle Carrion– Crown Castle NG West Inc. /NewPath Networks/CA-CLEC, LLC
Ms. Lynn Prescott – Verizon Wireless
Mr. Steve Brown – City of Los Angeles – DWP
Mr. William Kearns – Frontier Communications
Ms. Megan Stewart – Frontier Communications
Ms. Manijeh Carmichael – AT&T California
Ms. Wendy Mueller - Extenet
Ms. Angela Pranata – Committee Staff
Ms. Kathleen Allen – Committee Staff
Ms. Jenny Silva – Committee Staff

Those attending via teleconference were:

Ms. Maria Ortiz – XO Communications
Ms. Lupe Hernandez – Teleport Communications America, LLC
Ms. Kay Black – AT&T California
Ms. Shawn Henderson – T-Mobile USA
Mr. Josh Mathisen – AT&T California
Mr. Ayman Arraj – City of Burbank

Ms. DeBarge called the meeting to order at 9:15 a.m.

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

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

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

Agenda Item 4 – Item 1611 – Helicopter Costs & Agenda Item 5 - 1612 – Crane Costs – Edison and LADWP are working on costs for these items. They will report back in January.

Agenda Item 6 – Item 1614 – Pole Price Matrix/ Traffic Control Inclusion (5-17-2016) – On hold until all members have submitted Pole Prices and Authorized Costs.

Agenda Item 7. – Item 1620– Failure to Complete Pole Removal (Item 14C of Auth Cost) – On hold until discussion is completed in Routine Revision.

Agenda Item 8 – Review of 2017 Authorized Costs – Ms. Pranata suggested all members review the Authorized Costs Matrix and flag any items needing further review or explanation. Will revisit in January.

Agenda Item 9 – Review of 2017 Pole Prices – Ms. Pranata suggested all members review Pole Prices Matrix and flag any items needing further review or explanation. Will revisit in January.

Ms. DeBarge then opened the floor to any **Miscellaneous Items** – Mr. Brown (LADWP) asked about possibly adding charges for equipment in the support structure. Mr. LaBarge suggested charging by the size and space that impacts loading. If the equipment does not impact loading it can be overlooked, but if loading is impacted there should definitely be a charge added. In some instances the location and size of the equipment is adding a lot of man hours climbing the pole. Ms. Carmichael suggested setting specific parameters for equipment in the support structure. Mr. Brown (SCE) explained SCE now requires CATV to use a pedestal when adding equipment to the support structure. Mr. Brown (LADWP) informed the committee LADWP attempted to implement the same rule but immediately received a letter from Verizon's attorney. Mr. Mathisen then explained the GO95 rules committee is changing some of the rules regarding climbing space. The rules committee is meeting later this week to discuss rules they will be implementing in the next year. Mr. Mathisen will report back with an update in January and suggested this issue tabled until then. Ms. Carmichael asked Mr. Brown (LADWP) if he could provide examples of poles with equipment in the support structure. Mr. Brown (LADWP) shared a few examples of how to properly install equipment in the support structure. Mr. Mathisen asked Mr. Brown (LADWP) what would happen to existing equipment. Mr. Brown (LADWP) informed him all existing equipment would be grandfathered in for the life of the pole. Mr. Brown (LADWP) then suggested moving the discussion to Routine Revision. Ms. Hernandez agreed. She also agreed it would be best to table this discussion until we have heard back from Mr. Mathisen on the GO95 rules committee meeting. The committee agreed.

Review of Action Items:

- LADWP and SCE to provide and average hourly cost for cranes per size as well as Helicopter costs. Must include pricing methodology.
- All members to submit 2017 Pole Prices.
- All members to submit Authorized Costs.
- Members to review all pole prices and authorized costs and flag any items for discussion.

The ad hoc meeting adjourned at 9:50 a.m. The next meeting is scheduled for January 17, 2017.

Jenny Silva – Committee Staff

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

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	P/C		1 Power	1 Power	1 Comm	1 Power		4	
POLE MAINTENANCE AND MISCELLANEOUS									
1-Trenching/Moving 30'-35' WITH supply	Power	2470	2613			1959		2	2286
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449		2	2694
1-Trenching/Moving 50'-55' WITH supply	Power	3406	3593			2776		2	3184
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429		2	3674
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245		1	4245
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225		1	5225
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123		1	6123
1-Trenching/Moving 100' WITH supply	Power	7202				6613		1	6613
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872							#DIV/0!
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940							#DIV/0!
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442							#DIV/0!
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959		3	1344
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449		3	1702
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776		3	2005
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429		3	2416
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245		2	3018
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225		2	3635
3- Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123		2	4212
3- Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613		2	4585
4- Straightening in Earth 30'-35'	Both	866	1960		875	1094		3	1310
4- Straightening in Earth 40'-45'	Both	917	2286		1131	1094		3	1504
4- Straightening in Earth 50'-55'	Both	986	2939		1387	1094		3	1807
4- Straightening in Earth 60'-65'	Both	1472	3919		1642	1616		3	2393
4- Straightening in Earth 70'-75'	Both	1374	0		1898	1616		2	1757
4- Straightening in Earth 80'-85'	Both	1551	0		2154	1616		2	1885
4- Straightening in Earth 90'-95'	Both	1551	0		2409	1616		2	2013
4- Straightening in Earth 100'	Both	2763	0		2665	1616		2	2141
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	931	1306	1045	915	1094		4	1090
5-B Removing From Service:Transporting	Both	412	327	523	384	653		4	471
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588		4	448
5-D Removing From Service: Disposal	Both	735	622		256	384		3	421
5-E Removing from service: Lowering	Both	581	213		128	327		3	223
5-F Removing From Service: Removal of steel truss (any size)	Both	957	980		511	1086		3	859
5-G PENDING Removing from service steel stub pole Needs more discussions 10/18/2016	Both								
5-H PENDING Removing from service fiberglass wrapped pole Needs more discussions 10/18/2016	Both								
6-A Pole Stubbing 8 Ft metal truss	Power	1273	1306					1	1306
6-B Pole Stubbing 10-11 Ft metal truss	Power	988	1306	1959		1695		3	1653

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6-C Pole Stubbing 11 Ft metal truss	Power	1318	1633	1959		1695		3	1762
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695		2	1664
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960					1	1960
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286					1	2286
6-G Pole Stubbing 15.5 Ftmetal truss	Power	2308	2286					1	2286
6-H Pole Stubbing: Add'l metal trusses (all sizes)	Power	773	1306					1	1306
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1882	653			1191		2	922
6-J Pole Stubbing: ET (Extended) Truss (new item)	Power								#DIV/0!
7 - Intentionally left blank									
8-A Semi Cir. Pole Guards - Installation	Both	158			266	262		2	264
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232		2	180
9 Title: Hand Dig Pole Set/Hand Removal									
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both		1371	2090	1151	1306		4	1479
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both			2090	1151	1306		3	1516
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both				1151	1306		2	1228
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:									
10-A Cement break and temporary repair	Both	1203	1732	523	266	922		4	861
10-B Asphalt break & repair	Both	1170	1234	669	283	369		4	638
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056		4	1004
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both			816	847	1709		3	1124
10-E ADA accessible ramp (new item)	Both		0		1219			1	1219
11-Joint Rights of Way-by special agreement									
12-A-Reserved for future use									
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174		2	153
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174		2	153
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174		2	153
12-E Pole Inspect/Treat-Reject	Power	49	133			174		2	153
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174		2	187
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Both	278	414		128			2	271
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	303	414		256	450		3	373
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.									
13D (1) Traffic Control for joint construction work: Hourly rate for traffic control setup cones, signs, etc (new item)	Both				129			1	129
13D (2) Traffic Control for joint construction work: Hourly rate for flaggers (new item)	Both				128	217		2	172

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13D (3) Traffic Control for joint construction work: Traffic control design per page, site specific. (new item)	Both				276			1	276
13E Helicopter Cost - pending Item do not enter cost	Both								
13F Crane Cost - pending Item do not enter cost	Both								
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	251	90		151	583		3	275
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	110	45		128	379		3	184
14-C PENDING Failure to complete Pole Removal (second trip to pole) Needs more discussions 10/18/2016	Both								
15-A Pole Marking-Tagging	Both	43	41	105	66	43		4	64
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48		4	69
16-A Backhoe 2/hr minimum	Both	252	305		342	321		3	323
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161		3	174
17 Title: Wood Pole Fiberglass wrap									
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810							#DIV/0!
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427							#DIV/0!
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428							#DIV/0!
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116							#DIV/0!
18-A ModPole Material & Installation 9'	Power	5635	3025					1	3025
18-B ModPole Material & Installation 14'	Power	6411	3351					1	3351
18-C ModPole Material & Installation 18'	Power	6740	4005					1	4005
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	1946	1633	2090	1023	1518		4	1566
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2194	1960	2613	1534	2008		4	2029
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3057	3266		2046	3666		3	2992
TRANSFER COSTS GUY WIRES -----									
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:									
20- A All types and sizes, each end	Both	283	499		256	522		3	426
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	398	502		320	522		3	448
20-C Insulator relocation	Both	225	251		128	180		3	186
TRANSFER COSTS - POWER CIRCUITS -----									
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:									

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21 - A 0-7.5 kv single Arm (includes service arm)									
Transfer Arm	Power	407				604		1	604
Transfer Conductor (splicing required)	Power	338				310		1	310
Transfer Conductor (no splicing)	Power	228				212		1	212
21 - B 0-7.5 kv double arm									
Transfer Arm	Power	791				1159		1	1159
Transfer Conductor (splicing required)	Power	338				310		1	310
Transfer Conductor (no splicing)	Power	228				212		1	212
21 - C 0-7.5 kv double arm with									
Transfer Arm	Power	999				2057		1	2057
Transfer Conductor (splicing required)	Power	338				310		1	310
Transfer Conductor (no splicing)	Power	228				212		1	212
21 - D 0-7.5kv sidearm - single									
Transfer Arm	Power	261				0			#DIV/0!
Transfer Conductor (splicing required)	Power	391				0			#DIV/0!
Transfer Conductor (no splicing)	Power	261				0			#DIV/0!
21 - E 0-7.5kv sidearm - double									
Transfer Arm	Power	1088				1652		1	1652
Transfer Conductor (splicing required)	Power	338				408		1	408
Transfer Conductor (no splicing)	Power	228				310		1	310
21 - F 7.6-15kv single arm									
Transfer Arm	Power	261				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - G 7.6-15kv double arm									
Transfer Arm	Power	522				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - H 7.6-15kv sidearm - single									
Transfer Arm	Power	522				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - I 7.6-15kv sidearm - double									
Transfer Arm	Power	913				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - J 16-34kv single arm									
Transfer Arm	Power	1130				947		1	947
Transfer Conductor (splicing required)	Power	468				669		1	669
Transfer Conductor (no splicing)	Power	358				571		1	571
21 - K 16-34kv double arm									
Transfer Arm	Power	1432				1323		1	1323
Transfer Conductor (splicing required)	Power	468				669		1	669
Transfer Conductor (no splicing)	Power	358				571		1	571
21 - L 16-34kv double arm with									
Transfer Arm	Power	1714				2224		1	2224
Transfer Conductor (splicing required)	Power	468				669		1	669
Transfer Conductor (no splicing)	Power	358				571		1	571
21 - M 16-34kv sidearm - single									
Transfer Arm	Power	652				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - N 16-34kv sidearm - double									
Transfer Arm	Power	1779				1796		1	1796
Transfer Conductor (splicing required)	Power	468				767		1	767

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Transfer Conductor (no splicing)	Power	358				669		1	669
21 - O 66-115kv single arm									
Transfer Arm	Power	783				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - P 66-115kv double arm									
Transfer Arm	Power	1044				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
21 - Q 66-115kv steel arm									
Transfer Arm	Power	1090				0			#DIV/0!
Transfer Conductor (splicing required)	Power	652				0			#DIV/0!
Transfer Conductor (no splicing)	Power	522				0			#DIV/0!
NOTE: Add Item 24 for bonding cost.									
NOTES CONCERNING ITEMS 21 AND 22: For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.									
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:									
22-A 0-750 volt secondary	Power	222				343		1	343
22-B 750-7,500 volt primary	Power	440				490		1	490
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633		1	1633
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763		1	1763
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0			#DIV/0!
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost									
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)									
23-A Flat to vertical 7.5-115kv single arm per pole	Power	2064				2384		1	2384
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384		1	2384
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384		1	2384
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384		1	2384
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384		1	2384
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384		1	2384
NOTE: Cost of rebonding is included in above prices.									

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24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359		1	359
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718		1	718
25 - Ground Wire, Incl. protective covering	Power	510				686		1	686
26 - Pole Top Switches(oil or Open Air) Price <i>by field agreement</i> (cost to be estimated and agreed to by field engineers)									
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	300				229		1	229
Plus Conductor ea.	Power	205				163		1	163
27 - B Bracket, Triplex	Power	213				180		1	180
Plus Triplex conductor	Power	205				163		1	163
NOTE: If rack or bracket supports service drops only, omit specified line conductor cost and add Item 28. If service drops originate from line conductors, Item 28 is additional.									
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	130				212		1	212
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310		1	310
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212		1	212
29 - A Transformers 1-1/2 to 25 KVA each	Power	2490				3902		1	3902
29 - B Transformers 30 to 167 KVA each	Power	2751				3902		1	3902
29 - C Mounting Brackets, two transformers	Power	298				474		1	474
NOTE: If two transformers are on the same arm, deduct \$99 from the total; if three transformers are on the same arm, deduct \$246 from the total.									
30-A Capacitors/capacitor bank switched	Power	4701				3429		1	3429
30-B Capacitors/capacitor bank non-switched	Power	2612				3200		1	3200
31-A Street Lights Ctr Susp type-span end	Power	1177				0			#DIV/0!
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0			#DIV/0!
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0			#DIV/0!
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536				571		1	571
31-E Street Lights Mast arm type	Power	627				571		1	571
31-F Street Lights Pole top pin and insulator-single	Power	143				276		1	276
31-G Street Lights Pole top pin and insulator-Double	Power	155				0			#DIV/0!
32 Meter of Time Switch Control Box (Price by field agreement)									
33-A Support single insulator fiberglass	Power	239				261		1	261
33-B Support Double insulator fiberglass	Power	239				300		1	300
33-C Support Triple insulator fiberglass	Power	239							#DIV/0!
33-D Support Pole Top insulator fiberglass	Power	239				276		1	276

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34 Support, single deadend fiberglass	Power	239				261		1	261
35-A Insulator mounting brkets-single(ver-Hort)	Power	295				522		1	522
35-B Insulator mounting brkets-Double(vertical)	Power	360				1045		1	1045
35-C Insulator mounting brkets-Single, over 40KV	Power	783				0			#DIV/0!
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0			#DIV/0!
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0			#DIV/0!
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0			#DIV/0!
38- Insulator assembly bracket for endarm mountings	Power	679				349		1	349
NOTE: Refer to Item 21 for conductor cost									
39 - Stand-off brackets for jointly used risers (new item)	Power					0			#DIV/0!
40 - Transferring risers (new item)	Power					0			#DIV/0!
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)									
TRANSFER COSTS - COMMUNICATION CIRCUITS -----									
74-Semi-circular cable guard ("U" guard): transferring	Communication	205				128		1	128
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247				256		1	256
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259				320		1	320
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54				128		1	128
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	51				64		1	64
79-Multiple Distribution Service Wire on line pole	Communication	97				128		1	128
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72				128		1	128
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77				192		1	192
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361				256		1	256
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399				288		1	288
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	393				320		1	320
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	331				352		1	352
NOTE: The above prices do not include cable terminals.									
83-A Cable attached direct to pole (complete)	Communication	195				128		1	128

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83-B Cable attached (additional work required) (new item)	Communication				32			1	32
84-A Messenger reinforcing units-Strap each	Communication	179			64			1	64
84-B Messenger reinforcing units-Link each	Communication	177			64			1	64
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128			1	128
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160			1	160
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224			1	224
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192			1	192
86- Messenger dead end, all sizes-with or without cable	Communication	202			192			1	192
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128			1	128
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256			1	256
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384			1	384
88- Multiple Distribution Wire terminal Transfer	Communication	169			256			1	256
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548			1	548
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357			1	357
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448			1	448
NOTE-When necessary to use multiple distribution stub, add the following to cost above;									
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558			1	558
NOTE-Costs of drop and/or line pair rearrangements and cable transfer are not included in the above prices and are added only when cost of transfer is made applicable under the Routine. For replacement of terminals larger than 50 pair, the cost is to be billed under Item #109.									
91-A Cable Splicing/per splice/per pair=18 pr	Communication	343			160			1	160
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197			1	197
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310			1	310
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539			1	539
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926			1	926
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244			1	1244
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699			1	1699

**SCJPC Authorized Cost Matrix Worksheet
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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195			1	2195
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511			1	2511
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829			1	2829
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147			1	3147
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680			1	3680
Note: Splice enclosure disassemble/ re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.									
92 - Cable risers, incl pipe and molding ea.	Communication	283			430			1	430
93 - Underground and terminal facilities: Where the location of a pole makes reconstruction of cable plant necessary, the engineer is to estimate the cost (exclusive of material) and include same under this item number in the billing. (Sec 1.2 by special agreement)									
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1384			1779			1	1779
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956			1	1956
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113			1	2113
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271			1	2271
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456			1	2456
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097			1	3097
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630			1	5630
94-A-8 Any size above and beyond by special agreement Section 1.2									
97 -Transfer meter curcuit breaker box/disconnect box	Communication	883			209			1	209
109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under Section 1.2.									
INSTALLATION COSTS - GUYS AND ANCHORS -----									
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558		3	413
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439		3	374
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174		3	218
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558		3	309

**SCJPC Authorized Cost Matrix Worksheet
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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
110 - E Guy wire comp. Make-up-Guy guards 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.	Both	251	212		360	99		3	224
111 - A Anchors-expanding plate(handDig)	Both	974	1079		949	1435		3	1154
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782		3	571
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567		4	656
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467		3	528
111 - E Anchors-Concreting an anchor	Both	337	584		427	0		2	505
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0		2	97
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0		2	115
111 - H Anchors-Existing Anchor Purchase (street/alley) NOTE: Actual size of anchor needs to be noted on JPA along with the appropriate item number for type. Items 111 (g), and (h) are calculated at 70% of Item 111 (a) and (b) respectively.	Both	287	156		115	0		2	135
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	297	0		618	0		1	618
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359		3	383
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0		1	618
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.	Both	272	0		150	0		1	150
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	471	653		484	0		2	568
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0		2	632
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117		3	778
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672		3	1005
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0		2	959
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0		2	969
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897		3	965
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).									
INSTALLATION COSTS - POWER CIRCUITS -----									

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
120 Crossarms, standard line (pins and insulators are extra): These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)									
120 - A 0-7.5KV single WOOD arm	Power	316				371		1	371
CF ARM	Power	463				505		1	505
Plus conductor	Power	206				212		1	212
120 - B 0-7.5KV Double WOOD arm	Power	619				697		1	697
CF ARM	Power	889				966		1	966
Plus conductor	Power	206				212		1	212
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684		1	1684
CF ARM	Power	1347				1953		1	1953
Plus conductor	Power	250				212		1	212
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0			#DIV/0!
CF ARM	Power					0			#DIV/0!
Plus conductor	Power	217				0			#DIV/0!
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086		1	1086
CF ARM	Power	799				1279		1	1279
Plus conductor	Power	250				310		1	310
120 - F 7.6-15KV Single WOOD arm	Power	302				0			#DIV/0!
CF ARM	Power					0			#DIV/0!
Plus conductor	Power	217				0			#DIV/0!
120 - G -7.6-15KV Double WOOD arm	Power	602				0			#DIV/0!
CF ARM	Power					0			#DIV/0!
Plus conductor	Power	217				0			#DIV/0!
120 - H -7.6-15KV WOOD Sidearm-single	Power	333				0			#DIV/0!
CF ARM	Power					0			#DIV/0!
Plus conductor	Power	217				0			#DIV/0!
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0			#DIV/0!
CF ARM	Power					0			#DIV/0!
Plus conductor	Power	217				0			#DIV/0!
120 - J Crossarms- WOOD , standard line-16-115KV Single arm	Power	613				525		1	525
CF ARM	Power	705				659		1	659
16-34KV	Power	255				212		1	212
66-115KV	Power	315				0			#DIV/0!
120 - K Crossarms- WOOD , standard line-16-115KV Double arm	Power	802				1348		1	1348
CF ARM	Power	780				1617		1	1617
16-34KV	Power	482				212		1	212
66-115KV	Power	631				0			#DIV/0!
120 - L Crossarms- WOOD , standard line-16-115KV Double arm w/rein brckets	Power	1089				2172		1	2172
CF ARM	Power	1567				2441		1	2441
16-34KV	Power	865				212		1	212
66-115KV	Power	865				0			#DIV/0!
120 - M Crossarms- WOOD , standard line-16-115KV Sidearm single	Power	460				0			#DIV/0!
CF ARM	Power					0			#DIV/0!

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
16-34KV	Power	460				0			#DIV/0!
66-115KV	Power	460				0			#DIV/0!
120 -N Crossarms-WOOD, standard line-16-115KV Sidearm Double	Power	785				1737		1	1737
CF ARM	Power	1438				1930		1	1930
16-34KV	Power	495				310		1	310
66-115KV	Power	706				0			#DIV/0!
<p>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.</p>									
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	1556				1030		1	1030
Plus conductor	Power	250				310		1	310
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668		1	1668
Plus conductor	Power	250				310		1	310
<p>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.</p>									
122 -A Insulators incl. Pins/hardware/0-7.5kV pin type ea	Power	99				142		1	142
122 -B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104				0			#DIV/0!
122 -C Insulators incl. Pins/hardware/34kV pin type ea	Power	271				446		1	446
122 -D Insulators incl. Pins/hardware/66kV pin type ea	Power	266				0			#DIV/0!
122 -E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131				0			#DIV/0!
122 -F Insulators incl. Pins/hardware/34kV post type ea	Power	293				474		1	474
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	390				0			#DIV/0!
122 -H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181				0			#DIV/0!
122 - I Silicone Insulators 0-7.5kV pin type, ea	Power					0			#DIV/0!
122 - J Silicone Insulators 11 or 16kV pin type, ea	Power					0			#DIV/0!
122 - K Silicone Insulators 34kV pin type, ea	Power					0			#DIV/0!
122 - L Silicone Insulators 66kV pin type, ea	Power					0			#DIV/0!
122 - M Silicone Insulators 11 and 16kV post type, ea	Power					0			#DIV/0!
122 - N Silicone Insulators 34kV post type, each	Power					0			#DIV/0!
122 - O Silicone Insulators 66kV post type, ea	Power					0			#DIV/0!

SCJPC Authorized Cost Matrix Worksheet
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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power					0			#DIV/0!
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	103				155		1	155
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	121				198		1	198
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0			#DIV/0!
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0			#DIV/0!
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0			#DIV/0!
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290		1	290
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324		1	324
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0			#DIV/0!
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond - 4 insul	Power	1135				0			#DIV/0!
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	172				201		1	201
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	303				324		1	324
NOTE:									
Add \$74 for each additional insulator on items (c) to (d).	Power	74				0			#DIV/0!
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0			#DIV/0!
Add \$180 for each additional insulator on item (g).	Power	180				0			#DIV/0!
Add \$246 for each additional insulator on item (h).	Power	246				0			#DIV/0!
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0			#DIV/0!
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206		1	206
Plus conductor ea.	Power	183				163		1	163
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	156				155		1	155
Plus triplex conductor ea.	Power	185				163		1	163
125 - Ground assembly, complete <i>Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.</i>	Power	462				574		1	574
126-A Support: single insulator, fiberglass	Power	216				228		1	228
126-B Support: Double insulator, fiberglass	Power	265				309		1	309

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
126-C Support: Triple insulator, fiberglass	Power	178				0			#DIV/0!
126-D Support: Pole Top insulator, fiberglass	Power	220				238		1	238
127 Support, single dead end fiberglass	Power	225				237		1	237
128-A Insulator mounting bracket-single(vert or Hort)	Power	292				468		1	468
128-B Insulator mounting bracket-Double(vertical)	Power	292				937		1	937
128-C Insulator mounting bracket-Single over 40KV	Power	841				0			#DIV/0!
129-A Steel Crossarm, squirrel cage bracket, incl. Insul-Single	Power	550				0			#DIV/0!
129-B Steel Crossarm, squirrel cage bracket, incl. Insul-Double	Power	491				0			#DIV/0!
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308				0			#DIV/0!
131 Insulator assembly bracket for endarm mounting	Power	646				411		1	411
132-A mounting bracket: two transformers	Power	389				480		1	480
132-B mounting bracket: three transformers	Power	599				673		1	673
NOTE: Refer to Item 120 for conductor cost.									
149 - Installation of power line equip. not listed-Special Agreement 1.2.									
INSTALLATION COSTS - COMMUNICATION CIRCUITS -----									
159 -Semi-circular cable guard ("U" guard): installation	Communication	163				150		1	150
160 - A Crossarms-single wood service	Communication	234				310		1	310
160-B Crossarms-Double wood service	Communication	261				492		1	492
160-C Crossarms/Composite Fiberglass Arm	Communication	232				0			#DIV/0!
160-D Crossarms-Attach to existing arm no charge	Communication								
161 - A Guardarm-single wood service	Communication	243				310		1	310
161-B -Guardarms-Double wood service	Communication	280				492		1	492
161-C -Guardarms-Composite Fiberglass	Communication	225				0			#DIV/0!
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91				130		1	130
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49				66		1	66
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable	Communication	233				308		1	308
CF ARM	Communication	188				0			#DIV/0!
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable	Communication	253				423		1	423
CF ARM	Communication	200				0			#DIV/0!
164 - C Cable arm(install or attach to existing)-Extension WOOD arm W/one cable	Communication	230				433		1	433
CF ARM	Communication	182				0			#DIV/0!

**SCJPC Authorized Cost Matrix Worksheet
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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
164 - D Cable arm(install or atch to existing)-Additional cable/separ.mess.on same arm	Communication	202			139			1	139
164 - E Cable arm(install or atch to existing)-Attache to existing cable arm- NO CHARGE									
165 - Cable attached direct to interset pole, each	Communication	192			197			1	197
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	73			69			1	69
167 - A Messenger without cable - single arm	Communication	248			267			1	267
167 - B Messenger without cable - Double arm	Communication	249			278			1	278
167 - C Messenger without cable - Extension arm	Communication	248			267			1	267
167 - D Messenger without cable - Direct to pole	Communication	248			267			1	267
167 -E Messenger without cable - additional messenger	Communication	234			75			1	75
168 - Multiple distribution service wire attached to pole/arm	Communication	92			133			1	133
169 - Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	90			182			1	182
170 - Bonding to secondary neutral ground, per pole	Communication	123			64			1	64
199- Installation of wireless equipment or communication equipment not listed: <i>Specify under this item number the nature thereof and the agreed cost under Section 1.2.</i>									

LEGEND:
 = Do not enter price
 = Notes, do not enter price

Column/Element Definitions

Authorized costs should not include any of the components embeded in pole prices (see Definitions of Pole Price Element).

Column 1: Item number and definition.

Authorized Cost item number, and description.

Column 2: Power/Communication/Both

This column pertains to either power or communication or both. If POWER or COMMUNICATION is designated, than only a power or communication utility may propose a cost. If BOTH is designated, than either type utility may propose a cost.

Column 3: Direct Labor (loaded)

The average non-premium hourly rate of field workmen that includes cost of associated benefits (i.e., medical, dental, vision, vacation, sick leave, etc.). The average non-premium hourly rate is average between the high and low hourly rate of the labor classification (or title) directly involved in this transaction/operation.

Column 4: Total Labor Hours

The average amount of time (in hours and/or quarter-hour increments) directly related to the workmen who perform this transaction/operation.

Column 5: Total Direct Labor

This is calculated by multiplying the Direct Labor (loaded) in column 3 times Total Labor Hours in column 4.

Column 6: Material Cost (FOB)

The average material expense (includes sales tax, and transportation costs) purchased for this transaction/operation.

Column 7: Equipment Expense

**SCJPC Authorized Cost Matrix Worksheet
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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	CO	Total # of Submitted Price	2017-2018 PRICE (formula)
<p>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>Column 8: <u>General and Administrative</u></p>									
<p>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>Column 9: <u>Total Cost</u></p>									
<p>The total cost is calculated by summing the dollar values in columns #5, #6, #7, and #8.</p>									
<p>*** 08/16/2016: Item 19 authorized cost calculation is determined by:</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
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR 2017

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

2016	PROP.	%
PRICE	2017	CHG.
2508	2619	4

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

2016	PROP.	%
PRICE	2017	CHG.
2741	2810	3

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

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

2016	PROP.	%
PRICE	2017	CHG.
2806	3407	21

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

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

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

65' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242	ATC
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242	TCA
SPR		65.00	18.00	38.00	3640.00	2480.00 (**)		1876.00	78.00	546.00	8620	1	2480	8620	SPR
FON		65.00	18.00	38.00	3640.00	2480.00 (**)		1876.00	78.00	546.00	8620	1	2480	8620	FON
V	2	92.58	1.00	8.50	879.51	1650.00	165.00	548.00	200.00	100.00	3543	6	9900	21255	V
V	1	92.58	1.00	8.50	879.51	1660.00	166.00	548.00	200.00	100.00	3554	1	1660	3554	V
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763	V
	Salvage	1855									TOTALS	38583	12	22256	56296
									Wgt Ave		4691			1855	
	2016	PROP.	%												
	PRICE	2017	CHG.												
	5560	4691	-16												

70' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693	ATC
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693	TCA
SPR		75.00	20.00	40.00	4500.00	2750.00 (**)		2010.00	78.00	675.00	10013	1	2750	10013	SPR
FON		75.00	20.00	40.00	4500.00	2750.00 (**)		2010.00	78.00	675.00	10013	1	2750	10013	FON
V	2	92.58	1.00	9.00	925.80	1650.00	165.00	548.00	200.00	100.00	3589	4	6600	14355	V
V	1	92.58	1.00	9.00	925.80	1780.00	178.00	548.00	200.00	100.00	3732	1	1780	3732	V
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106	V
V	H5	92.58	1.00	9.00	925.80	2950.00	295.00	548.00	200.00	100.00	5019	1	2950	5019	V
	Salvage	2316									TOTALS	51858	11	25473	62624
									Wgt Ave		5693			2316	
	2016	PROP.	%												
	PRICE	2017	CHG.												
	7384	5693	-23												

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

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

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

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

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

90' POLE	A.S.A	LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	NO. OF POLES	F.O.B. COSTS	TOTAL COSTS	
SPR		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901	SPR
FON		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901	FON
V	2	92.58	1.25	10.00	1041.53	3600.00	360.00	736.00	200.00	100.00	6038	1	3600	6038	V
V	1	92.58	1.25	10.00	1041.53	3800.00	370.00	736.00	200.00	100.00	6248	1	3800	6248	V
V	H2	92.58	1.25	10.00	1041.53	3800.00	370.00	736.00	200.00	100.00	6248	1	3800	6248	V
V	H3	92.58	1.25	10.00	1041.53	3950.00	395.00	736.00	200.00	100.00	6423	1	3950	6423	V
													0	0	
	Salvage	4082								TOTALS	64756	6	24490	64756	
	2016 PRICE	PROP. 2017	% CHG.						Wgt Ave		10793				
	19648	10793	-45												

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

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

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

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

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

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

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

2016	PROP.	%
PRICE	2017	CHG.
29750	30118	1

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

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

Please submit to SCJPC by:
September 30, 2016

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

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

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

 Weighted Average Individual Costs **XXXXXXXX**

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

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

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

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

Please submit to SCJPC by:
 September 30, 2016

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

Weighted Average **XXXXXX**

Individual Costs **XXXXXXXX**

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

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

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

(****) 11/11/2016 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:
September 30, 2016

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

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

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

5527 WAS PRICE FOR 30' POLE IN 2016

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

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

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

Please submit to SCJPC by:
September 30, 2016

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

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

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

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

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

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

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

Please submit to SCJPC by:
 September 30, 2016

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

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

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

Person completing worksheet: **Manijeh Carmichael**

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

Weighted Average

Individual Costs

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

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

Person completing worksheet: **Ayman Arraj**

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

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **YVONNE JOHNSON**

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

Weighted Average

Individual Costs

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

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

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

(****) 10/14/2016 Please designate if you choose to publish your costs individually or be included in the weighted average

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

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: City of Lompoc

Person completing worksheet: David Campo

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

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

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

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

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

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

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

Please submit to SCJPC by:
September 30, 2016

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

Person completing worksheet: _____

Call Back Telephone Number & Email: _____

Weighted Average

Individual Costs

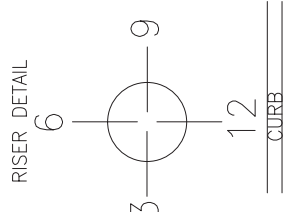
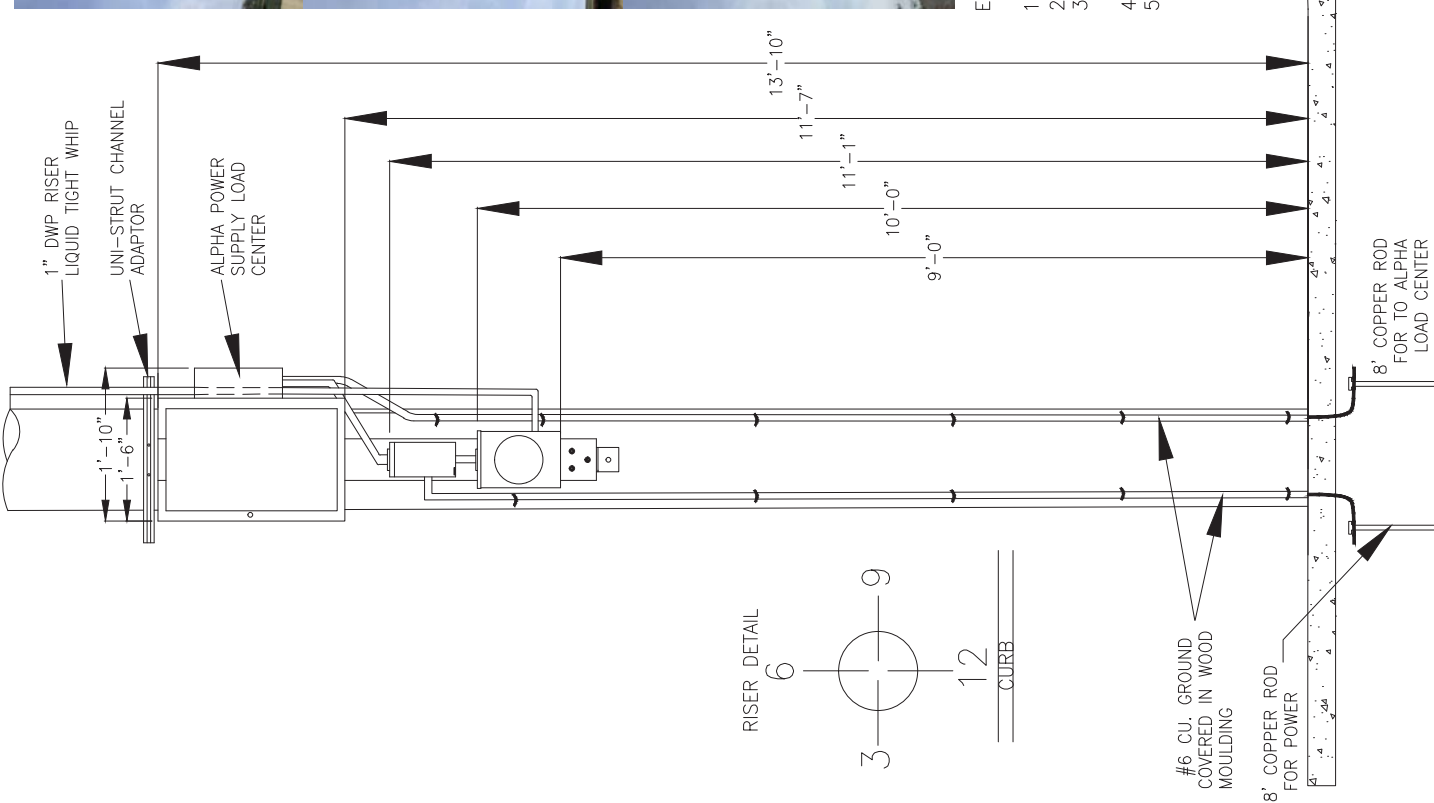
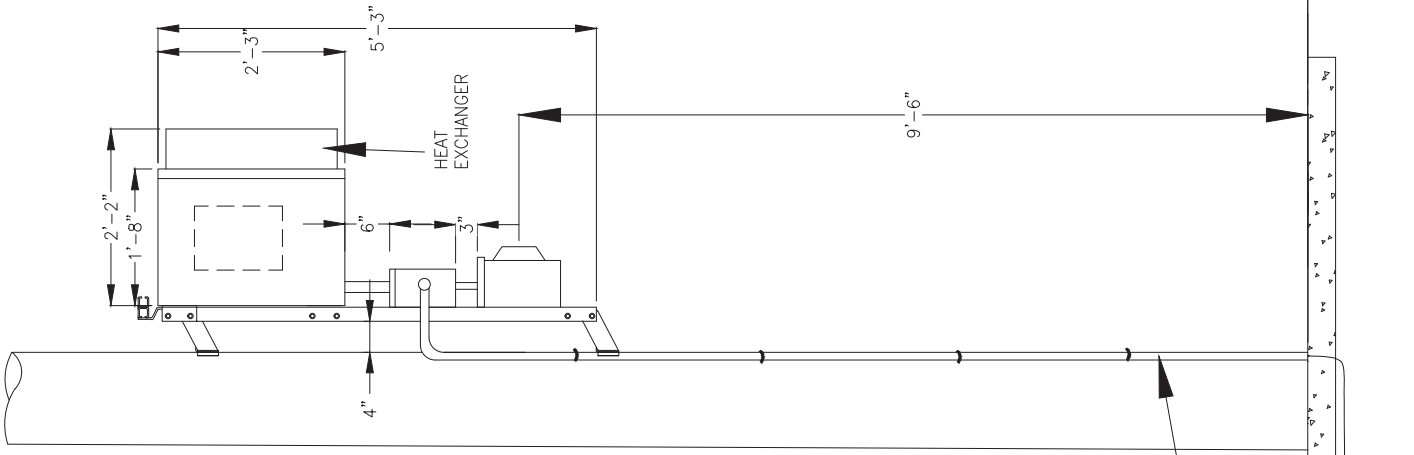
1	2	3	4	5	6	7	8	9	10	11	12		
Pole Length	Pole Class	Direct Labor (Loaded) (\$)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED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

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

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

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

CENTER MOUNT



EQUIPMENT ON POLE:

- 1- METER SOCKET (B-LINE 011)
- 2- DISCONNECT (SQUARE "D" Q024670RB)
- 3- ALPHA POWER SUPPLY (TE27-1518 RPN)
- 4- STAND-OFF BRACKET
- 5- MOUNTING CHANNEL

#6 CU. GROUND COVERED IN WOOD MOULDING

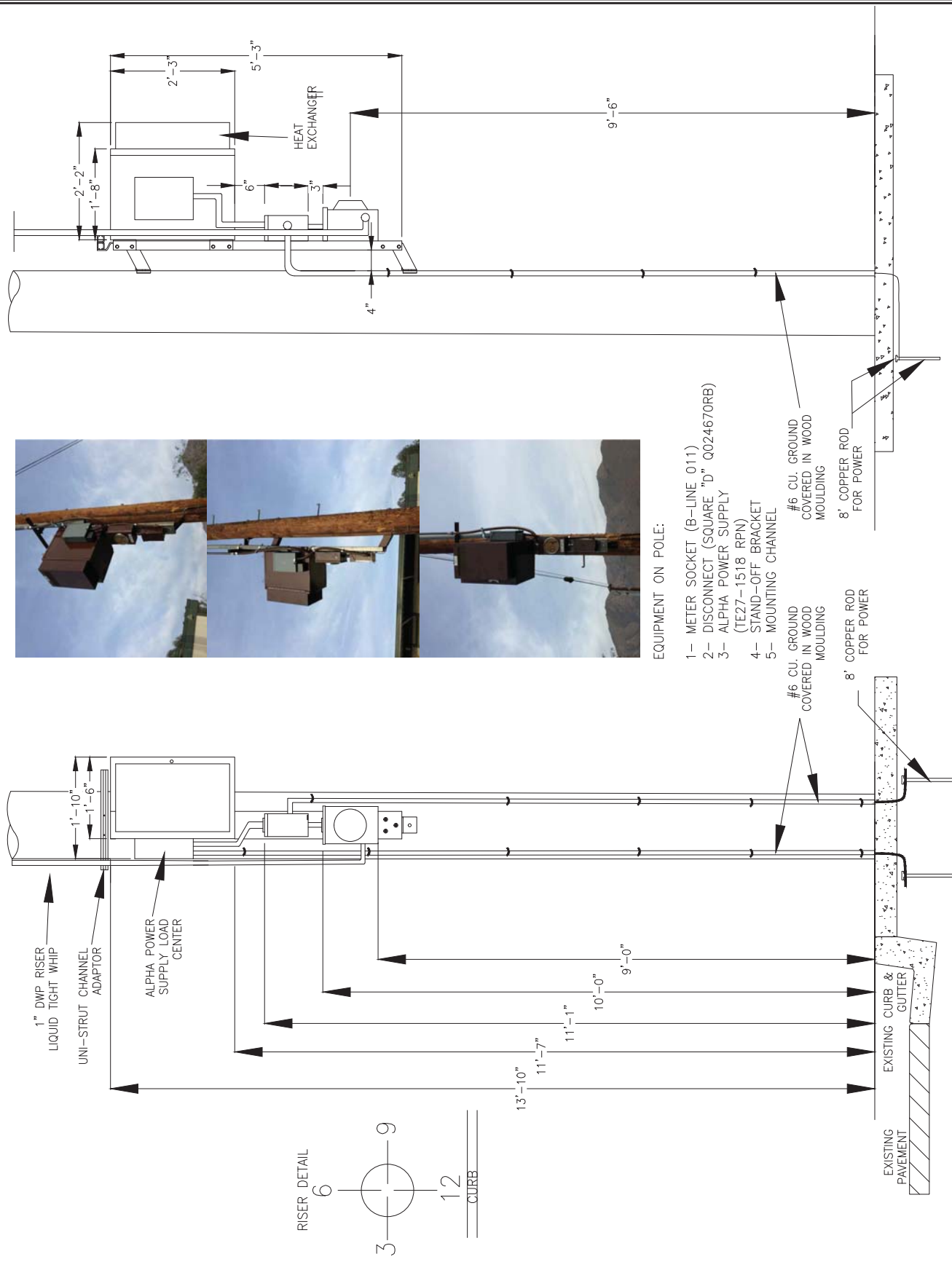
8" COPPER ROD FOR POWER

SCALE:
N.T.S.

PROJECT INFORMATION: scenarios-7 25 16.dwg	CURRENT ISSUE DATE:	PERMIT SUBMISSION:	REV. DATE: DESCRIPTION: BY:	PLANS PREPARED BY:	PLANS APPROVED BY:	REP. COMMENTS:	SHEET TITLE:	SHEET NUMBER: 1	REVISION: 1	1 OF 1
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9 O'CLOCK MOUNT

PHONE: (408) 954 1580	PROJECT INFORMATION: scenarios:7 25 16.dwg	CURRENT ISSUE DATE: 10/25/16	PERMIT SUBMISSION:	REV. DATE: DESCRIPTION:	PLANS PREPARED BY:	PLANS APPROVED BY:	COMMENTS:	SHEET TITLE: 9 O'CLOCK EQUIPMENT MOUNTING PROFILES	SHEET NUMBER: 1	REVISION: 1	1 1 OF 1
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SCALE:
N.T.S.

[Print](#) | [Close Window](#)

Subject: FW: Crown Castle's equipment on LADWP Poles
From: "Brown, Steve R." <Steve.Brown2@ladwp.com>
Date: Tue, Nov 15, 2016 10:33 am
To: "laptop01@scjpc.net" <laptop01@scjpc.net>
Attach: dwp-ps-profiles 1.pdf

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

From: Brown, Steve R.
Sent: Friday, November 04, 2016 5:34 AM
To: Spease, Bruce E. (Bruce.Spease@ladwp.com); Ceja, Mario (Mario.Ceja@ladwp.com); Menendez, Sigfredo; Garrity, Kevin
Subject: FW: Crown Castle's equipment on LADWP Poles

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

From: Nunez, Sonny [<mailto:sonny.nunez@crowncastle.com>]
Sent: Thursday, November 03, 2016 10:47 AM
To: Brown, Steve R.
Cc: Gegan, Scott; Luker, Norine; Puklavetz, Jay; Hauser, Ruben L.; Williams, Jeffery A.; Bacon, John R.; Rodriguez, Benjamin (EDMS); Crawford, Jeffrey; Herriott, William K.; Barnes, Daniel Z
Subject: RE: Crown Castle's equipment on LADWP Poles

Mr. Steve Brown,

There couldn't be a better way to memorialize the collaborative spirit that you and your team fostered. I can only say that we equally share the sentiment but please keep me on speed dial and in your contacts and by any means feel free to reach out at any time whether its suggestions, questions or problems.

Regards,
SN

From: Brown, Steve R. [<mailto:Steve.Brown2@ladwp.com>]
Sent: Wednesday, November 02, 2016 3:16 PM
To: Nunez, Sonny
Cc: Gegan, Scott; Luker, Norine; Puklavetz, Jay; Hauser, Ruben L.; Williams, Jeffery A.; Bacon, John R.; Rodriguez,

Benjamin (EDMS); Crawford, Jeffrey; Herriott, William K.; Barnes, Daniel Z

Subject: Crown Castle's equipment on LADWP Poles

Good Morning,

After review of the attached specifications submitted by Crown Castle to LADWP and field observation it has been decided to approve the size and space of equipment Crown Castle is proposing. LADWP continues to review alternative options and reserves the right to have future conversations regarding specification modifications. We are happy to have been able to work together to come to a mutually acceptable solution to this issue and look forward to future collaborations.

Please submit your requests for installations of the equipment for approval.

If you have any questions or concerns please contact myself or Jeff Williams.

Sincerely,

Steve R. Brown

Transmission & Distribution District Supervisor

Los Angeles Department of Water & Power

Overhead Distribution Design

(213)367-2746

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