

Southern California Joint Pole Committee

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

January 20, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 a.m., at the Committee office.

Those in attendance were:

Mr. Scott Hunter	City of Los Angeles
Mr. Steve Brown	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Mr. Rich LaBarge	Southern California Edison
Mr. William Kearns	Verizon CA, MCI Telecomm, MCI Metro ATS
Mr. Bret Plaskey	Verizon CA, MCI Telecomm, MCI Metro ATS
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Kay Black	AT&T California
Ms. Lynn Prescott	Verizon Wireless
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Shawn Henderson	T-Mobile USA
Mr. Walter Callejas	T-Mobile USA
Mr. David Campo	City of Lompoc
Mr. Daniel Lippert	City of Burbank
Mr. Varghese George	City of Glendale
Mr. Joe Armstrong	City of Pasadena
Ms. Erica Sanchez	Extenet Systems
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Mary Li	City of Anaheim
Ms. Yvonne Johnson	AT&T Mobility
Ms. Maria Ortiz	XO Communications
Ms. Angela Pranata	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Mr. Dan Kjar	City of Azusa
Mr. Brandon Robison	City of Banning

Ms. Sarah Valdez	Mobilitie, LLC
Ms. Sherri DuChateau	Golden State Water
Mr. Emir Erba	Time Warner Cable
Ms. Nancy Volel	ATC Outdoor DAS
Ms. Alyssa Hernandez	City of Colton
Ms. Maryam Farajzadeh	City of Vernon

CALL TO ORDER:

Mr. Hunter called the meeting to order at 9:05 am. He then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Riverside, M-Power Communications, and Frontier Communications.

HOUSEKEEPING:

Mr. Hunter requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Hunter inquired whether the members had reviewed the minutes of the *November 18, 2015* Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Hunter then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the *November 18, 2015* minutes as written and Mr. Armstrong seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

In that the Board did not meet in December Ms. Pranata reported on the November 2015 operating expenses which are \$57, 054.73, the members were assessed this amount. The December operating expenses are \$55,133.03 and the members were assessed this amount.

COMMUNICATIONS:

There are no communications.

SPECIAL REPORTS

There were no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs Committee met on January 19, 2016. She reported the topic for discussion was the 2016 pole prices. When SCE submits their costs all members costs will be made ready for publication. She concluded by referring the members to the minutes of the meeting for further details.

Operating Committee

Ms. Carmichael reported that the Operating Committee met on November 18, 2015. The ad hoc committee reviewed the routine monthly reports. They discussed the issue of a SCJPC 110th Anniversary event. There were no new items for the agenda. She then directed the members to review the minutes of the November meeting for any further details.

Routine Revision Committee

Ms. Hernandez reported that the Routine Revision ad hoc committee met on January 19, 2016. She informed the members that Ms. Pearson will be sending out the list of outstanding foreign JPAs that require final billing or cancellation. She added that Section 18.7 proposed revisions are on the current discussion calendar. The ad hoc will be developing illustration examples for guy, communication and temporary poles, as well as push brace. She added that if you come upon a push brace pole, such a pole must be tagged and purchased as a guy pole. She reiterated that the ad hoc committee will develop an example. She continued reporting that the committee is reviewing Section 2.7-E as a directive to the JPC billing staff. Also being reviewed is the Form 11 non-compliance. This form does not require a JPA; however in many instances there is a JPA pending or one to follow. A notation space will be added to this form where the JPA number may be listed. The issue of JPA font size was brought to the table to which NG will be working on the JPA margins to address this issue. Also brought to the ad hoc committee table is the issue of receiving JPAs that are totally incorrect. She stated that when such a JPA is received it should be returned to the initiator for correction. She then encouraged the members to read the minutes of the meeting for further details.

Computer Communications ad hoc Committee

Mr. Chow reported that the Computer Communications ad hoc Committee met on January 19, 2016. He further reported that the ad hoc committee discussed the Pole Card redesign and the data base update. He added that Ms. Pranata is meeting with Hyperlink on these enhancements. Also discussed is the new SCJPC website redesign. Mr. Kearns stated that he has spoken with the programmer and the site has been tested. Ms. Pranata added that she will get her test results to the programmer. Mr. Chow directed the members to review the minutes of the meeting for further details.

Compliance ad hoc Committee

Ms. Hernandez reported that the Compliance ad hoc Committee met on January 19, 2016. She added that the date for the construction joint field meet meeting has been moved forward to be held the second quarter of this year. Mr. Wayne Brown reported being discussed internally, is creating the requirements that necessitate a joint field meet design. Ms. Hernandez added that antenna Rule 94 space is under discussion. She then referred the members to the meeting minutes for details.

Pole Loading Committee

This ad hoc committee did not meet in January.

California Joint Pole Committee

This ad hoc committee did not meet in January.

CONSENT CALENDAR:

Proposed SCJPC Officers for 2016

The members reviewed the list of proposed SCJPC officers and ad hoc committee chairs. Mr. Hunter solicited a motion to accept the proposed slate of 2016 officers and ad hoc committee chairs. Ms. Hernandez motioned to accept the proposed 2016 slate of officers and chairs. Ms. Smith seconded the motion which upon voting passed unanimously.

Section 7.6-B

The members reviewed the proposed revisions to this section which would be effective starting January 2016. There were no questions or concerns; therefore, Mr. Hunter solicited a motion to accept the proposed revisions to this section. Mr. Chow

motioned to accept the proposed revisions to this section. Ms. Ortiz seconded the motion which upon voting passed unanimously.

Section 20.4 changes

Mr. Hunter reported that the ad hoc committee has extensively worked on reviewing this section which is ready for board approval. He stated that once approved, this would be effective starting January 2016. He then solicited a motion to approve the revisions to this section. Mr. Kearns motioned to accept the revisions to this section. Ms. Prescott seconded the motion which upon voting passed unanimously.

2016 Pole Prices Draft 03

Mr. Hunter reported that the 2016 pole prices will be complete when the last member list is submitted. Ms. Pranata inquired if any member has a concern or question in regards to the submitted costs. Mr. Campos stated that recently his organization had labor cost changes and inquired if he had the time to rework and resubmit his costs. Mr. Hunter responded that if need be Mr. Campos may resubmit his costs, but should do so immediately.

DISCUSSION CALENDAR:

Pole Loading Methodology – SCE

Mr. Wayne Brown stated that last November the members were asked to review the methodology internally within their respective organizations to determine if this method may be utilized as a guideline. He then solicited any comments or questions from the members within their organizations. Ms. Hernandez commented that aside from this methodology pole loading must be done according to what is in the field since actual attachments have greater accuracy than following the guidelines. Mr. Wayne Brown added that this could be used as a reference or directional guide and does not override any other company standards. After brief discussion it was agreed to upload the pole loading methodology to the SCJPC website as a living document to be amended when deemed necessary.

Section 18.7

Ms. Hernandez opened discussion by stating the revision to this section is that no Form 48 required where no construction was performed. The final bill must notate that no Form 48 is required as a directive to the JPC staff. Without this

notation on the final bill the JPC staff will return it to the initiator. Ms. Hernandez added that once approved, this would be effective starting January 2016. After brief discussion it was agreed to vote on this verbiage addition to this section. Ms. Hernandez motioned to approve the added verbiage to this section. Mr. Armstrong seconded the motion which up voting passed unanimously.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1574: Review Section 18 – ROUTINE REVISION (05/14/2013)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1585: SCE Customer Release Form – ROUTINE REVISION (04/15/2014)
- Item 1587: Review Section 7.6, 7.11 & 7.13 – ROUTINE REVISION (05/20/2014)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1598: Form 48 changes - ROUTINE REVISION (07/14/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1601: Review Section 9.4 - ROUTINE REVISION (09/16/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1603: Review of Section 2.7 E - ROUTINE REVISION (11/17/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)

It was agreed to close *Item 1598: Form 48 changes*, and *Item 1601: Review Section 9.4*.

Item 1593: 2015 *Environmental Issues*

A new item number has been assigned to this standing order to remain open the entire year should any urgent environmental issues require immediate action. This issue is now Item 1605: 2016 Environmental Issues. Item 1593 is now closed.

New Business

Known Items:

There were no known items.

Unknown Items:

There were no unknown items.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	02/16/16	9:00 a.m.	Committee Office
Pole Loading	02/16/16	Following	Routine Revision
Authorized Costs	02/16/16	Following	Pole Loading
Computer Committee	02/16/16	Following	Authorized Costs
Compliance Committee	02/16/16	Following	Computer Committee
Basic JPA Training Committee	02/16/16	Following	Compliance Committee
California Joint Pole Committee	02/16/16	Following	Basic JPA Training
Administrative Board	02/17/16	9:00 a.m.	Committee Office
Operating Committee	02/17/16	Following	Administrative Board

ADJOURNMENT:

Mr. Hunter adjourned the meeting at 9:50 a.m., until February 17, 2016.

Mr. Scott Hunter, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

Southern California Joint Pole Committee

279 E. Arrow Hwy. Suite 104

San Dimas, CA 91773

Phone (909) 599-3801

Fax (909) 599-3825

The Nominating Committee agreed to nominate the following officers for 2016:

PRESIDENT

City of Los Angeles – Mr. Steve Brown

VICE PRESIDENT/OPERATING COMMITTEE CHAIR

Verizon California – Mr. William Kearns

OPERATING COMMITTEE MEMBERS

Verizon California – Mr. William Kearns – Chair

Southern California Edison

City of Los Angeles

Crown Castle NG West, Inc.

Verizon Wireless

Teleport Communications America, LLC

AT&T Mobility

XO Communications

Sprint

Sprint Communications

T-Mobile, USA

ad hoc Routine Revision Committee

XO Communications – Ms. Maria Ortiz – Chair

ad hoc Committee on Authorized Cost Elements

Southern California Edison – Ms. April DeBarge – Chair

ad hoc Committee on Reorganization

As needed

ad hoc Committee on Computer Communications

Southern California Edison – Ms. Jessica Pearson – Chair

ad hoc Committee on Compliance

Crown Castle NG West, Inc. – Mr. Joe Serrato – Chair

ad hoc Committee on Pole Loading

Southern California Edison – Mr. Wayne Brown – Chair

ad hoc Committee on Basic JPA Training

AT&T Mobility – Ms. Yvonne Johnson – Chair

ad hoc Committee on CA Joint Pole Committee

AT&T California – Ms. Manijeh Carmichael – Chair

REPLACEMENT

7.6 B. Replacement of Pole Due to Natural Causes (Storm, Catastrophe)

The Member replacing the pole(s) may proceed with replacements prior to issuing Form 2. The Member shall sell interest to each Member concerned. Each Member shall receive salvage on maximum value recoverable and shall pay pulling and transportation. Each Member shall transfer its facilities.

~~Emergency pole installation is where the pole must be replaced immediately. The joint owner(s) must be notified by telephone of emergency installations within 24 hours by setting Member.~~ Setting Member must issue Form 2 Preliminary with date and identification of natural cause (Form 48 may be attached). Setting Member must issue Form 2 Preliminary within 180 calendar days from date of pole replacement. After 180 calendar days, Section 7.13 will apply unless mutually agreed by all parties to extend.

In cases where the urgency for new pole installation is not immediate, notification rules of this section will still apply, however the rules of 7.11 will be followed to determine “**proposed**” purchase in new pole-(Added January 2012).

Section 7.13 does not apply if JPA issued within 180 days of construction. (Effective January 1, 2016)

For discussion Admin Board 11/18/2015 Vote Jan 2016

Edited 11/18/2015

For Consent Calendar Admin Board meeting Jan 2016 – Effective date 01/01/2016

20.4 Joint Pole Authorization Abbreviations

Additional.....	ADD'L
Anchor.....	ANC
Anchor/arm removed*.....	AR
Anchor/arm transferred*.....	AT
Antenna.....	ANT
Authorized cost.....	AC
Bottom inside position.....	BIP
Bottom outside position.....	BOP
Bottom middle position.....	BMP
Cable arm.....	CA
Cable extension arm.....	CEA
Clearance attachment (section 9.0).....	CLR
Communication.....	C
Cross arm.....	XARM
Dispose*.....	D
Down guy.....	DNG
Each.....	EA
Entire Interest.....	ENT or ENT INT
Footage cut*.....	C (xx')
Free attachment (section 11.0).....	FA
Ground line circumference.....	GLC
Guard arm.....	GA
Kilovoltage.....	KV
Low voltage.....	L
Lower (top)*.....	L
Lower.....	LWR
Microcell.....	MC
No cost/charge.....	NC
Overhead guy.....	OHG
Pipe brace.....	PBR
Place.....	PL
Pole top extension.....	PTX
Pole to pole guy.....	PPG
Power communication.....	P-COMM
Pull*.....	P
Pull butt*.....	PB
Relinquish.....	RELINQ
Remove.....	RMV
Replace.....	REPL
Safety Clearance zone*.....	SCZ
Salvage*.....	S
Section.....	SEC
Should be.....	S/B
Shown as.....	S/A
Temporary attachment.....	TEMP
Tenant*.....	TN or T
Top inside middle position.....	TIMP
Top inside position.....	TIP
Top outside position.....	TOP
Top middle position.....	TMP
Top outside middle position.....	TOMP
Transfer.....	TFR
Transport*.....	T
With.....	W/

Note: ~~The last eleven (11)~~ Starred* abbreviations are also listed in the lower left hand corner of the Authorization for Joint Pole Transaction (J.P. Form 2-1) (Will vote in Nov. Effective 2016)

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.												
	2185	2518	15												

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 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.
3505	2806	-20

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.
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			NO. OF	F.O.B.	TOTAL		
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	POLES	COSTS	COSTS		
ATC		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			NO. OF	F.O.B.	TOTAL		
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL	POLES	COSTS	COSTS		
ATC		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	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
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	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
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	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
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						
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						
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						
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	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	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	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	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	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	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

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		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.

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.

MEMBER	CLASS	50' POLE	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	TOTAL
		A.S.A	LABOR	TRANS.	DIG	LABOR				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.	%								
		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.	%							
		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.	%							
		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.	%							
		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.	%
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 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.							
		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 PRICE	PROP. 2016	% CHG.							
		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.							

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.							
		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.							
		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	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.	%								
	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.	%								
		2016									
	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.	%								
	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

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 (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**

											11		
1	2	3	4	5	6	7	8	9	10	11	2015 price	% of Change	
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		
		(\$)	(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 (Hours)	Digging & Erecting (Hours)	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
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**

											2016		
											11		
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 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)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
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	CLASS	55' POLE	NO. OF HOURS		LOADED		COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
		LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS							
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	CLASS	60' POLE	NO. OF HOURS		LOADED		COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
		LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS							
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	CLASS	65' POLE	NO. OF HOURS		LOADED		COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & Adm	TOTAL
		LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS							
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	

18.7 Form 48 - Notice of Work Completed

This form is used to notify other owners that work has been completed and shall be issued within 30 days of construction complete in order to expedite any remaining joint pole work by other Members, supplementing verbal or other instructions. It may also be used to make changes in a Preliminary Joint Pole Authorization relating to the pulling routine, the topping of poles, and hand dig.

Where no construction was performed (records only, i.e. 5.1C) a form 48 does not need to be issued. The JPA may bill 45 days from the JPA date sent. If Form 48 is not required, write "Form 48 Not Required" or "F48 N/R" on the Final. (08/05/2015)

For all other changes a Form 7 should be utilized and sent with a Form 48. If Form 48 is not issued within 30 days, 18.1F may apply. (Revised ~~January 2015~~ July 2015) (for Admin Board Discussion Wed 01/20/2016).

(internal note) Form 48 required:

- Sec 3
- Sec 4
- Sec 5.0

Form 48 NOT required:

- Sec 4.1 (you already attached)
- Sec 5.1 C
- Sec 13 (corr of records)

10/20/2015

Southern California Joint Pole Committee

279 E. Arrow Hwy. Suite 104

San Dimas, CA 91773

Phone (909) 599-3801

Fax (909) 599-3825

The Nominating Committee agreed to nominate the following officers for 2016:

PRESIDENT

City of Los Angeles – Mr. Steve Brown

VICE PRESIDENT/OPERATING COMMITTEE CHAIR

Verizon California – Mr. William Kearns

OPERATING COMMITTEE MEMBERS

Verizon California – Mr. William Kearns – Chair

Southern California Edison

City of Los Angeles

Crown Castle NG West, Inc.

Verizon Wireless

Teleport Communications America, LLC

AT&T Mobility

XO Communications

Sprint

Sprint Communications

T-Mobile, USA

ad hoc Routine Revision Committee

XO Communications – Ms. Maria Ortiz – Chair

ad hoc Committee on Authorized Cost Elements

Southern California Edison – Ms. April DeBarge – Chair

ad hoc Committee on Reorganization

As needed

ad hoc Committee on Computer Communications

Southern California Edison – Ms. Jessica Pearson – Chair

ad hoc Committee on Compliance

Crown Castle NG West, Inc. – Mr. Joe Serrato – Chair

ad hoc Committee on Pole Loading

Southern California Edison – Mr. Wayne Brown – Chair

ad hoc Committee on Basic JPA Training

AT&T Mobility – Ms. Yvonne Johnson – Chair

ad hoc Committee on CA Joint Pole Committee

AT&T California – Ms. Manijeh Carmichael – Chair

REPLACEMENT

7.6 B. Replacement of Pole Due to Natural Causes (Storm, Catastrophe)

The Member replacing the pole(s) may proceed with replacements prior to issuing Form 2. The Member shall sell interest to each Member concerned. Each Member shall receive salvage on maximum value recoverable and shall pay pulling and transportation. Each Member shall transfer its facilities.

~~Emergency pole installation is where the pole must be replaced immediately. The joint owner(s) must be notified by telephone of emergency installations within 24 hours by setting Member.~~ Setting Member must issue Form 2 Preliminary with date and identification of natural cause (Form 48 may be attached). Setting Member must issue Form 2 Preliminary within 180 calendar days from date of pole replacement. After 180 calendar days, Section 7.13 will apply unless mutually agreed by all parties to extend.

In cases where the urgency for new pole installation is not immediate, notification rules of this section will still apply, however the rules of 7.11 will be followed to determine “**proposed**” purchase in new pole-(Added January 2012).

Section 7.13 does not apply if JPA issued within 180 days of construction. (Effective January 1, 2016)

For discussion Admin Board 11/18/2015 Vote Jan 2016

Edited 11/18/2015

For Consent Calendar Admin Board meeting Jan 2016 – Effective date 01/01/2016

20.4 Joint Pole Authorization Abbreviations

Additional.....	ADD'L
Anchor.....	ANC
Anchor/arm removed*.....	AR
Anchor/arm transferred*.....	AT
Antenna.....	ANT
Authorized cost.....	AC
Bottom inside position.....	BIP
Bottom outside position.....	BOP
Bottom middle position.....	BMP
Cable arm.....	CA
Cable extension arm.....	CEA
Clearance attachment (section 9.0).....	CLR
Communication.....	C
Cross arm.....	XARM
Dispose*.....	D
Down guy.....	DNG
Each.....	EA
Entire Interest.....	ENT or ENT INT
Footage cut*.....	C (xx')
Free attachment (section 11.0).....	FA
Ground line circumference.....	GLC
Guard arm.....	GA
Kilovoltage.....	KV
Low voltage.....	L
Lower (top)*.....	L
Lower.....	LWR
Microcell.....	MC
No cost/charge.....	NC
Overhead guy.....	OHG
Pipe brace.....	PBR
Place.....	PL
Pole top extension.....	PTX
Pole to pole guy.....	PPG
Power communication.....	P-COMM
Pull*.....	P
Pull butt*.....	PB
Relinquish.....	RELINQ
Remove.....	RMV
Replace.....	REPL
Safety Clearance zone*.....	SCZ
Salvage*.....	S
Section.....	SEC
Should be.....	S/B
Shown as.....	S/A
Temporary attachment.....	TEMP
Tenant*.....	TN or T
Top inside middle position.....	TIMP
Top inside position.....	TIP
Top outside position.....	TOP
Top middle position.....	TMP
Top outside middle position.....	TOMP
Transfer.....	TFR
Transport*.....	T
With.....	W/

Note: ~~The last eleven (11)~~ Starred* abbreviations are also listed in the lower left hand corner of the Authorization for Joint Pole Transaction (J.P. Form 2-1) (Will vote in Nov. Effective 2016)

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						
	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		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	
FON		65.00	18.00	38.00	3640.00	2480.00	**	1596.00	78.00	546.00	8340	1	2480	8340	
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763	
											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						
	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		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	1	2120	4106	
	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						
	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		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	
FON		65.00	20.00	40.00	3900.00	2750.00	**	1710.00	78.00	585.00	9023	1	2750	9023	
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	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	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG 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	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	PROP.	%												
		PRICE	2016	CHG.												
		8787	11806	34												

85' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG 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	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	PROP.	%											
		PRICE	2016	CHG.											
		9451	16561	75											

90' POLE	A.S.A	LOADED LABOR	NO. OF HOURS		LOADED LABOR	COST	SUPPLY	EQUIP	ENG 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	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	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					
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	SPR
FON		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687	FON
											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	SPR
FON		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741	FON
											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	SPR
FON		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750	FON
											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

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

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.	%							
		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.	%							
		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.	%							
		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.	%
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

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
H	3	120.00	1.00	15.00	1920.00	723.00			142.00	71.00	2856

2015	PROP.	%
PRICE	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											
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
LAC		85.00	5.00	6.00	935.00	485.81	194.32	*	N/A	174.64	1790
		2015 PRICE	PROP. 2016	% CHG.							
		1787	1790	0							

30' POLE											
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.							
		1976	1976	0							

35' POLE											
MEMBER	A.S.A CLASS	LOADED LABOR RATE	TRANS. HDLING	DIG ERECT	LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & 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.							

40' POLE											
MEMBER	A.S.A CLASS	LOADED LABOR RATE	TRANS. HDLING	DIG ERECT	LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & 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.							
		2887	2887	0							

45' POLE											
MEMBER	A.S.A CLASS	LOADED LABOR RATE	TRANS. HDLING	DIG ERECT	LOADED LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	ENG and PLNG	Gen & 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.							
		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	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.	%								
	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.	%								
		2016									
	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.	%								
	PRICE	2016	CHG.								
	3796	3860									

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									

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

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 (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	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'	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 (Hours)	Digging & Erecting (Hours)	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
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**

											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 **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)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
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	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	
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	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	
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	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	
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	

18.7 Form 48 - Notice of Work Completed

This form is used to notify other owners that work has been completed and shall be issued within 30 days of construction complete in order to expedite any remaining joint pole work by other Members, supplementing verbal or other instructions. It may also be used to make changes in a Preliminary Joint Pole Authorization relating to the pulling routine, the topping of poles, and hand dig.

Where no construction was performed (records only, i.e. 5.1C) a form 48 does not need to be issued. The JPA may bill 45 days from the JPA date sent. If Form 48 is not required, write "Form 48 Not Required" or "F48 N/R" on the Final. (08/05/2015)

For all other changes a Form 7 should be utilized and sent with a Form 48. If Form 48 is not issued within 30 days, 18.1F may apply. (Revised ~~January 2015~~ July 2015) (for Admin Board Discussion Wed 01/20/2016).

(internal note) Form 48 required:

- Sec 3
- Sec 4
- Sec 5.0

Form 48 NOT required:

- Sec 4.1 (you already attached)
- Sec 5.1 C
- Sec 13 (corr of records)

10/20/2015

Southern California Joint Pole Committee

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

February 17, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 a.m., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Mr. Rich LaBarge	Southern California Edison
Mr. William Kearns	Verizon CA, MCI Telecomm, MCI Metro ATS
Mr. Bret Plaskey	Verizon CA, MCI Telecomm, MCI Metro ATS
Mr. Ed Loescher	Verizon CA, MCI Telecomm, MCI Metro ATS
Ms. Megan Stewart	Verizon CA, MCI Telecomm, MCI Metro ATS
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Kay Black	AT&T California
Ms. Lynn Prescott	Verizon Wireless
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Shawn Henderson	T-Mobile USA
Mr. David Campo	City of Lompoc
Mr. Daniel Lippert	City of Burbank
Mr. Joe Armstrong	City of Pasadena
Ms. Erica Sanchez	Extenet Systems
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Yvonne Johnson	AT&T Mobility
Mr. Emir Erba	Time Warner Cable
Ms. Maria Ortiz	XO Communications
Ms. Angela Pranata	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Mr. Brandon Robison	City of Banning
Mr. Eric Iglesias	Mobilitie, LLC

Mr. Mark Denning
Mr. Earle Carrion
Ms. Nancy Volel
Ms. Alyssa Hernandez
Ms. Maryam Farajzadeh
Mr. Varghese George
Mr. Stephen Pebley
Ms. Joanne Miracle
Mr. Elena DeStefano

M-Power Communications
Crown Castle NG West Inc./NewPath/CA-CLEC LLC
ATC Outdoor DAS
City of Colton
City of Vernon
City of Glendale
Frontier Communications
Frontier Communications
City of Riverside

CALL TO ORDER:

Mr. Steve Brown called the meeting to order at 9:05 am. He then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Anaheim, City of Azusa, and Golden State Water.

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the *January 20, 2016* Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the *January 20, 2016* minutes as written and Mr. Armstrong seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the January 2016 operating expenses were \$56,194.18 and the members were assessed this amount. .

COMMUNICATIONS:

There are no communications.

SPECIAL REPORTS

There were no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on February 16, 2016. She further reported that the ad hoc continues with the authorized costs study, and pole prices should be available by next month. She concluded by referring the members to the minutes of the meeting for further details.

Operating Committee

Ms. Carmichael reported that the Operating Committee met on January 20, 2016. She announced that she is relinquishing the chair of this committee to Mr. Kearns of Verizon California who will chair the next meeting which will meet following this Board meeting. She then directed the members to review the minutes of the January meeting for any further details.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met February 16, 2016. She added that the members discussed sections 18.1D, 18.1E, and 18.1F which are on the discussion calendar of this meeting. Sections 7.11 and 7.13 were revised and are also on the discussion calendar of this meeting, as well as a definition for Priority Poles to be added to the routine glossary. The possibility of removing Section 2.7E is under discussion and will be discussed further at the next ad hoc meeting. Those members with a concern in removing this section from the routine should plan on attending the next ad hoc meeting. She directed the members to refer to the minutes of the February 2016 meeting for further information.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met on February 16, 2016. The ad hoc continues to address the share file and NJUNS Investigation items, as well as the web site and pole card redesign. She referred members to read the minutes of the meeting for details on these items.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc committee met February 16, 2016, and stated that Mr. Wayne Brown will be working on the verbiage for the joint field meet. Also discussed was a method for scheduling field meets. He closed by referring the members to the minutes of the meeting for details.

Pole Loading Committee

Mr. Wayne Brown reported that this ad hoc met on February 16, 2016 and the members discussed picture quality and access issues. He directed the members to the minutes of the meeting for further information.

California Joint Pole Committee

This ad hoc committee did not meet in January.

CONSENT CALENDAR:

2016 Pole Prices Draft 05

Mr. Brown reported that Edison should be submitting their pole prices shortly. When these costs are received the final draft will be ready for Board approval. This item will be tabled at this time.

DISCUSSION CALENDAR:

Pole Revised Sections 18.1D, 18.1E and 18.1F

Ms. Hernandez opened discussion by stating that these revisions are what the Routine Revision ad hoc committee has been reviewing and discussing. She reported that Mr. Jim Eastwood formerly of SCE had rearranged the text in order to create a user friendly description of the sections. She added that the delay in presenting these revisions to the Board for approval was the creation of a definition for Priority Poles. She then encouraged members to review the revisions to these sections and to submit their concerns to the ad hoc committee. The objective is to gain Board approval and update the Routine. This item will be on the Consent Calendar of the March 2016 Board meeting for approval.

New Glossary Item “Priority Pole”, revised section 7.11 and 7.13.

Ms. Hernandez stated that this definition was partially taken from GO 95, Rule 18. She added that every member has their respective specifications of what defines a priority pole and time frames. Therefore, the definition could not be specific for the entire membership. Mr. Steve Brown proposed members submit their maintenance program definition and time frame for priority poles and make these available on the committee website as a resource. The consensus is to create an item number to this issue and assign it to the Routine Revision ad hoc committee. Item 1607: Priority 1 Pole definition and Time Frame has been assigned to the Routine ad hoc. The proposed definition of a priority pole to be added to the Routine glossary will be on the Consent Calendar of the March 2016 Board meeting for approval.

The members than reviewed the added verbiage to section 7.11. Ms. Hernandez stated that if a priority pole is replaced it must note on the Form 2 that it is a priority pole thus necessitating construction prior to issuing the Form 2. If a Form 2 is not issued within 45 days then 7.13 is applicable. The added verbiage to this section will be on the Consent Calendar of the March 2016 Board meeting for approval.

Lastly discussed is section 7.13. Verbiage added to this section refers to exceptions in replacing poles prior to issuing a Form 2. This revision will also be on the Consent Calendar of the March 2016 Board meeting for approval.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1574: Review Section 18 – ROUTINE REVISION (05/14/2013)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1585: SCE Customer Release Form – ROUTINE REVISION (04/15/2014)
- Item 1587: Review Section 7.6, 7.11 & 7.13 – ROUTINE REVISION (05/20/2014)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1603: Review of Section 2.7 E - ROUTINE REVISION (11/17/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)

Item 1605: 2015 Environmental Issues

There were no environmental issues.

New Business

Known Items:

There were no known items.

Unknown Items:

Pole Depreciation Definition

Ms. Hernandez stated that in discussion with a fellow member, they stated that they use the Routine rules for their pole depreciation. She added that she would like to clarify that the depreciation refers to the cost value of the pole and not the structural integrity of the pole. She further added that if a pole is 25 years or older, then it is fully depreciated and this is a 7.11 a mutual benefit to all parties. However, if the pole is less than 25 years there is remaining salvage value to the pole and joint members. Ms. Hernandez noted that not all members utilize salvage value. Mr. Chow commented that salvage value is if a member intends to return the pole to the yard and include it in their inventory. Ms. Hernandez questioned if poles that sit in inventory depreciate? Mr. Lippert added that poles do not start the depreciation process until the time they are placed in service. Ms. Hernandez thanked everyone for their input.

Electric Vehicle Chargers – City of Los Angeles

Mr. Steve Brown reported that the City of Los Angeles is proposing the installation of electric vehicle chargers on poles. He stated that he does not support this action and would like to inquire if there is something in the Routine to avoid this from happening. He has tried contacting his legal department and after research he discovered the verbiage in GO 95 Section III – Requirement for all Lines. He added that the City of Los Angeles is attempting to recover some revenue from these chargers. However, he added that there are five chargers on a trial basis and the current cost is \$1.00 per hour, therefore, the maximum revenue per day per pole would be \$24.00. He concluded by stating that he would appreciate any input from the membership on this current issue.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	03/15/16	9:00 a.m.	Committee Office
Pole Loading	03/15/16	Following	Routine Revision
Authorized Costs	03/15/16	Following	Pole Loading
Computer Committee	03/15/16	Following	Authorized Costs
Compliance Committee	03/15/16	Following	Computer Committee
California Joint Pole Committee	03/15/16	Following	Compliance Committee
Administrative Board	03/16/16	9:00 a.m.	Committee Office
Operating Committee	03/16/16	Following	Administrative Board
Single Trip to Pole	03/16/16	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:45 a.m., until March 16, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

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
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		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
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 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.
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	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 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	2096	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	3144	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						
	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		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						
	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		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						
	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		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	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	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	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	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	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	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	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	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	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

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		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.

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								
				Salvage							
				275							

35' POLE		LABOR	NO. OF HOURS		LABOR				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.	%								
	PRICE	2016	CHG.								
	3627	2290	-37								
				Salvage							
				384							

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								
				Salvage							
				420							

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								
				Salvage							
				641							

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	LOADED	NO. OF HOURS		LOADED	COST	SUPPLY	EQUIP	ENG	Gen	TOTAL
		A.S.A	LABOR	TRANS.	DIG	LABOR				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

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
H	3	120.00	1.00	15.00	1920.00	723.00			142.00	71.00	2856
									Salvage		723

2015	PROP.	%
PRICE	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									

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.	%							Salvage	1836
		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.	%							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 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 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	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								

Any changes desired prior to approval of Form 2 Preliminary Joint Pole Authorization by the receiving Member shall be made by means of the following procedure:

(A) Receiving Member:

- (1) Make desired change
- (2) Sign amended form
- (3) Return copy to issuing Member

(B) Issuing Member:

- (1) If change is acceptable:
 - (a) No additional actions take place. Process form in normal manner
- (2) If change is unacceptable:
 - (a) Communicate with receiving Member(s) representative(s) to resolve differences by either issuing Form 7 or revising the JPA.
 - (b) If subsequent changes occur, refer to the standard procedure for Form 7 usage. (See Section 18.4)
 - (c) Until differences are resolved, issue the Form 7 to all participating Member(s), CC to SCJPC, not to process JPA Final Bill.
 - (d) Any member may request a resolution meeting with the Administrative Board by issuing the Form 7 to all participating Member(s), CC to SCJPC. (Revised April 2012)

(3) Multi-Party JPAs:

The initiator of a multi-party JPA will be responsible for notifying all involved parties of any changes made to that JPA prior to final approval.

An acceptable method for the initiating member to notify all involved parties of any changes made to a JPA includes sending a Form 7 indicating "See Changes" with a copy of the marked-up Form 2 Preliminary JPAs as an attachment. (Revised January 2011).

18.1-C Changes After Approval

Any changes desired after the Form 2 Preliminary Joint Pole Authorization approval shall be made by means of one of the following:

- A) Form 7 (refer to Sec 18.4 and Example 4) shall be used for the following:
 - Correct Joint Pole Authorization number

- Correct or add Accounting Data
- Correct pole number
- Delete pole(s)
- Correct Pole length
- Correct Year set
- Correct Pole treatment (except a change from wood to alternative pole type, refer to Section 15.7)
- Circuit correction
- Correct grade and space
- Correct, add or delete authorized costs
- Correct, add or delete Section number
- Change pulling routine
- Delete owner
- Correct pole location and/or community
- Correct, add or delete tenant
- Correct, add or delete anchors, guys or arms
- Correct pole class

B) A revised Form 2 shall be used for the following:

- Add owner(s)
- Add pole(s)
- Change from wood to alternative pole type (refer to Section 15.7)
- Change in scope of work (i.e. changes causing receiving member to reengineer and/or refield.

Same Joint Pole Authorization number may be used with a revision identifier (i.e. JPA12345 Rev 1, JPA12345 RO1, JPA12345 Rev) and new date sent or the JPA may be canceled with a Form 7 and a new JPA issued.

C) Form 2 Supplement for information or transactions omitted from the original FINAL Joint Pole Authorization. Same Joint Pole Authorization number should be used with a supplement identifier (i.e. **JPA12345SUP1**, **JPA12345S01**, **JPA12345SUPPL**) JPC office will convert to SUP.

Form 48 can be used to make changes to the JPA per Section 18.7. (Revised June 2013)

18.1-D Time Limits Involving Form 2

Preliminary Joint Pole Authorization

The return of Form 2 Preliminary Joint Pole Authorization shall be within 45 days of date sent.

Automatic Approval - The Form 2 Preliminary Joint Pole Authorization will be considered approved when 45 days have elapsed from date sent of Form 2 Preliminary Joint Pole Authorization to other Member(s), and there is no written protest or request for review.

The Authorization may be finalized by the issuing Member when 45 days have elapsed from date sent of Form 48, indicating the work has been completed as previously approved.

- This section cannot be invoked with Section 1.2 Special Agreement.
- Effective January 1, 2006, Authorizations issued prior to January 1, 1995 will be billed under current billing practices.
- Under the terms of this section, all utilities shall type the date Form 48 sent on the bottom line of Location/Nature of Work Section of the Final Authorization.
- Note: Form 48 not required on work performed in accordance to sections 5.1C, and 19.5 (Revised June 2015).
- (Admin Board discussion 7/15/2015)

Section 18.1D Clarification.

18.1-E Time Limits Involving Construction and Other Miscellaneous Situations

(a) Emergency Replacements - Member replacing pole in an emergency must notify other owner(s) within 24 hours by telephone. This includes the emergency use of MOD/POLES. (See Sections 7.6 and 19.7)

(b) Free Attachment - Member maintaining free attachment must remove its facilities within 48 hours of telephone notification confirmed by Form 48. (See Sections 5.5 and 11.0)

(c) Maintenance Liability - Liability for maintenance extends 60 days from date sent of a Form 2 Preliminary Joint Pole Authorization involving a relinquishment, or from the date facilities were removed from pole. (See Section 19.0)

(d) Relinquishment/Abandonment of Interest - 60 days notice must be given to other owners when termination of ownership is intended. (See Section 5.1)

(e) Removal of pole or transfer of facilities must be completed within 60 days from date of Form 48. (See Section 5.0 & 7.0)

(f) After the final billing has been processed, all liability is assumed by remaining Member(s). (See Section 5.0 & 7.0)

(g) Temporary attachments allow for facilities of another Member to remain on a pole for a period of time, which is less than one year. (See Section 14.6)

Construction Start Date/Cancellation - The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:

If construction has not been started:

- Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.
- If construction has not been started and JPA time limit exceeds 24 months, explanation is required for extension. If no response, the JPA will be cancelled on the initiator's behalf. (Admin Board discussion 7/15/2015)
-

18.1F Failure to Final JPA

If the issuing utility fails to adhere to the time limits, as specified in Sections 18.1D and 18.1E, any member who is party to that JPA may issue the Form 48 and/or final JPA. The following procedure is required:

- A Form 7 shall be sent to all members involved notifying of the intent to final bill (see item 14A of Authorized Cost).
- If no response after 15 days of Form 7, member may proceed with finalizing the JPA.
- If there are multiple JPA's involved, a spreadsheet may be sent and the 15 day response requirement may be waived upon agreement.
- Where a Form 48 is required, a field trip may be made to verify that construction is complete (see item 14B of Authorized Cost).
- If construction is complete, a Form 48 shall be sent to all members involved.
- The issuing party will pay the full administrative costs and/or field visit cost to the member submitting the final as defined in Authorized Costs item 14A and/or 14B. (Revised July 2007).

- ~~The JPC Office shall final bill the first billable final received, either from the initiating member or the member wishing to final per 18.1F.(Admin Board discussion 7/15/2015)~~

18.1-D Time Limits Involving Form 2 Preliminary Joint Pole Authorization

~~The return of Form 2 Preliminary Joint Pole Authorization shall be within 45 days of date sent.~~

~~Automatic Approval – The Form 2 Preliminary Joint Pole Authorization will be considered approved when 45 days have elapsed from date sent of Form 2 Preliminary Joint Pole Authorization to other Member(s), and there is no written protest or request for review.~~

~~The Authorization may be finalized by the issuing Member when 45 days have elapsed from date sent of Form 48, indicating the work has been completed as previously approved.~~

- ~~This section cannot be invoked with Section 1.2 Special Agreement.~~
- ~~Effective January 1, 2006, Authorizations issued prior to January 1, 1995 will be billed under current billing practices.~~
- ~~Under the terms of this section, all utilities shall type the date Form 48 sent on the bottom line of Location/Nature of Work Section of the Final Authorization.~~
- ~~Note: Form 48 not required on work performed in accordance to all of section 4, sections 5.1C, and 19.5 (Revised June 2015).~~

~~Construction Start Date/Cancellation – The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:~~

~~If construction has not been started:~~

- ~~Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.~~
- ~~If construction has not been started and JPA time limit exceeds 24 months, supporting documentation is required for extension.~~

~~If construction has been completed, refer to Section 18.1F.~~

~~Section 18.1D Clarification:~~

18.1-E Time Limits Involving

Construction and Other Miscellaneous Situations

~~(a) Emergency Replacements – Member replacing pole in an emergency must notify other owner(s) within 24 hours by telephone. This includes the emergency use of MOD/POLES. (See Sections 7.6 and 19.7)~~

~~(b) Free Attachment – Member maintaining free attachment must remove its facilities within 48 hours of telephone notification confirmed by Form 48. (See Sections 5.5 and 11.0)~~

~~(c) Maintenance Liability – Liability for maintenance extends 60 days from date sent of a Form 2 Preliminary Joint Pole Authorization involving a relinquishment, or from the date facilities were removed from pole. (See Section 19.0)~~

~~(d) Relinquishment/Abandonment of Interest – 60 days notice must be given to other owners when termination of ownership is intended. (See Section 5.1)~~

~~(e) Removal of pole or transfer of facilities must be completed within 60 days from date of Form 48. (See Section 5.0 & 7.0)~~

~~(f) After the final billing has been processed, all liability is assumed by remaining Member(s). (See Section 5.0 & 7.0)~~

~~(g) Temporary attachments allow for facilities of another Member to remain on a pole for a period of time, which is less than one year. (See Section 14.6)~~

~~Construction Start Date/Cancellation – The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:~~

~~If construction has not been started:~~

- ~~Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.~~
- ~~If construction has not been started and JPA time limit exceeds 24 months, supporting documentation is required for extension.~~

18.1F Failure to Final JPA

~~If the issuing utility fails to adhere to the time limits, as specified in Sections 18.1D and 18.1E, any member who is party to that JPA may issue the Form 48 and/or final JPA. The following procedure is required:~~

- ~~A Form 7 shall be sent to all members involved notifying of the intent to final bill (see item 14A of Authorized Cost).~~
- ~~If no response after 15 days of Form 7, member may proceed with finalizing the JPA.~~
- ~~If there are multiple JPA's involved, a spreadsheet may be sent and the 15 day response requirement may be waived upon agreement.~~
- ~~Where a Form 48 is required, a field trip may be made to verify that construction is complete (see item 14B of Authorized Cost).~~
- ~~If construction is complete, a Form 48 shall be sent to all members involved.~~
- ~~The issuing party will pay the full administrative costs and/or field visit cost to the member submitting the final as defined in Authorized Costs item 14A and/or 14B. (Revised July 2007).~~
- ~~The JPC Office shall final bill the first billable final received, either from the initiating member or the member wishing to final per 18.1F.~~

18.2 Form 2 Final - Initiation

The Member initiating transaction shall transmit one copy of this form, which shall be an original Southern California Joint Pole Committee authorized typed or electronic document, to Joint Pole Committee, specifying work as completed under approved Form 2 Preliminary Joint Pole Authorization not less than 45 and no more than 90 calendar days after sending the completed Form 48. After 90 days 18.1F may apply. Exception section 7.6 can be final billed less than 45 days (Revised January 2012).

All data essential to complete the record must be specified, including Member accounting data, voltage and space shown on Preliminary Joint Pole Authorization.

NOTE: If the above information cannot be obtained by the issuing Member, the Committee office is authorized to obtain said information from the non-issuing Member.

Transfer, Installation, equipment, and other authorized costs must be shown by item number and number of items.

The date sent on the Form 2 Final will always be the same as the date sent on the Form 2 Preliminary Joint Pole Authorization. (Revised July 2009)

18.3 Form 2 Final - Completion

Copies of Form 2 Finals are distributed by the Joint Pole Committee office. Any discrepancies noted by the Committee on Form 2 Final will cause this form to be returned for correction. When form 2 Final

has been issued, the Committee is authorized to proceed with the preparation of pole record and Bills of Sale.

18.4 Form 7 - J/P Memorandum

This form is for use in effecting changes to issued Form 2 Preliminary Joint Pole Authorization by agreement.

When changes in an authorization are proposed, the Member receiving the Form 7 must return same within 15 days.

The memo must indicate the Members to whom the copies are directed.

For use in protest procedures see Section 18.1-B (2) (c) & (d).

18.5 Pole Record

The pole record is prepared by the Committee office in accordance with Form 2 Final. A pole record shall be maintained for each pole as long as it continues to be used as a jointly owned pole.

The complete pole record shall include the following:

- Pole number
- Location
- Length
- Year set
- Treatment (T, FT, G, CF, LWS or AT)
- Members involved
- Space & grade allocation
- Tenant grade
- Joint anchors
- Joint arms
- Bill of Sale date
- Amount paid for interest in pole or equipment
- Nature of maintenance work or other operation involved
- Joint Pole Authorization number

All subsequent transactions occurring on pole during its use as a jointly owned pole shall be recorded in chronological order and, as each transaction is affected, superseding records shall be prepared by the Committee office and furnished to the Members. The records should be checked by all Members promptly when received, and the Committee office should be advised without delay if any changes are necessary.

Records will be kept of:

- Clearance attachments where interset poles are involved
- Temporary attachment(s)
- Pole top extensions (PTX)
- Free attachments
- Any cases where the Members concerned may request record of specific transactions

- Clearance Pole: A pole placed exclusively to provide clearance from ground level to facilities. May be placed to increase or maintain horizontal clearances between dissimilar facilities. May be Solely owned or Jointly owned. May or may not have Tenant contact or shared under a Joint Use Agreement. Include poles interest/underset for like clearance purposes.
- Customer's Temporary Pole: Temporary poles used for secondary power, and communications or commercial and private job sites. Typically are 6"x8"x12' painted lumber and are provided, erected and removed by developer's customer.
- Cut and Kick: The construction procedure that includes the clearance of the top portion of the pole, cutting and moving the top portion of the pole over, supporting the remaining section of the pole, and pulling the butt. (Added April 2013)
- Distribution Pole: A utility pole utilized for Supply Voltages in excess of 5,000V but less than 60KV. May be solely Owned or Jointly Owned. May or may not have Tenant Contact or shared under Joint Use Agreement.
- Farmers/Private Pole: A pole set and maintained by a private party.
- Guy Pole: A pole utilized for guying only. If pole has facilities attached other than Guys the pole no longer fits criteria for Guy Pole. This includes attachment by Communications or Tenant for Clearance or Supply attachments via pole top extension. Note: all poles are subject to the placement and utilization of guys.
- Interset Pole: A pole placed (set) between two existing poles in an existing lead.
- Joint Owned Pole: A utility pole which is legally owned by more than one party. Predominance of Joint Poles in California are administered under the Northern California Joint Pole Association (NCJPA) and the Southern California Joint Pole Committee (SCJPC). Joint Ownership is established via the Joint Pole Process and finalized on the Form 44, "Bill of Sale", issued in conjunction with Monthly Accounts Billing Cycle and recorded as Jointly Owned.
- Power Pole: A pole used primarily for L, H, and T Class Circuits. May or may not be misused in context.
- Priority Pole: [Each utility defines priority poles and timelines through its maintainance program that include identification of priority poles that require immediate corrective action due to significant safety and/or reliability risks. \(added 02/16/2016 Present Admin Board 02/17/2016\)](#)
- Push Brace Pole: A pole utilized for Guying only. Pole is designed to push against another pole. Used in locations where it is physically impossible or uneconomic to place and maintain down guys or anchor rods. Occasionally used to comply with existing Rights-of-Way restrictions.
- Service Pole: A pole in a lead on private property or public way, which supports Supply or Communication Service to service connection. May be Solely Owned, or Jointly Owned. May or may not have tenant contact, or shared under Joint Use Agreement.
- Solely Owned Pole: A utility pole which is 100% owned by one utility, municipality or other party. May or may not have a tenant or other rental contact in place. May or may not be shared with another utility administered by a valid Joint Use Agreement.
- Telephone Pole: A pole used primarily for C Class Circuits. May or may not be misused in context.
- Temporary Pole: A pole set for temporary use Section 3.5. Often used in conjunction with Development and Public Requirement Projects. May or may not have Tenant Contact or shared under a Joint Use Agreement. Includes poles interest/underset for like purpose. Temporary poles by agreement are for periods of one (1) year or less.
- Transmission Pole: Utility pole utilized for Supply Voltages in excess of 60KV or above. May be Solely Owned, or Jointly Owned. May or may not have tenant contact, or shared under a Joint Use Agreement.

Note: See General Orders 95 (G.O. 95) Rule 22.1
for more pole definition

REPLACEMENT

7.11 Replacement of Pole for Mutual Benefit of All Joint Owners

Member replacing pole for mutual benefit shall sell interest in new pole to other Members concerned. Each Member shall transfer at own expense, receive salvage, if applicable, and pay pulling and transportation.

Mutual benefit shall be understood to apply under this section as follows:

- (a) Pole 25 years old or more
- (b) Pole less than 25 years old, but rendered unfit for service by any cause not the fault of a joint owner including existing overloaded poles
- (c) Pole requiring relocation for the benefit of all Members concerned
- (d) Pole identified in an authorized maintenance inspection program as unfit for service
- (e) Pole requiring replacement for clearing of discovered existing General Order 95 infractions not the fault of any joint owner.

(f) Pole replaced prior to Form 2 and Form 48. Form 2 must be noted that this is a Priority Pole. Section 7.13 applies only if Form 2 is not issued within 45 days. (revised 02/16/2016 for Admin Board 02/17/2016 Effective when approved).

For poles that are more than 25 years old, this section applies only to Members having more than 20 consecutive years of Joint Pole Committee membership.

For those Members with less than 20 consecutive years of Joint Pole Committee membership, which initiates the replacement of poles under the provisions of (a) above, Section 7.3 shall apply.

This rule shall also apply where owner failed to issue Notice of Intention for pole and incoming Member desires its replacement within three years, beginning with January 1 following date of its installation. If pole has been installed longer than the three-year period specified and is not more than 25 years old, the replacement shall be in accordance with rule of the Routine relating to Section 7.3.

7.13 Failure to Issue Notice of Intention of Replacement.

If any member replaces pole(s) or anchors (s) prior to issuing a Notice of Intention to the joint owners on record, that member will perform work (without compensation) or:

- pay all PTD charges
- pay all transfer charges of the joint owner(s)
- pay for any additional authorized costs incurred due to the pole replacement

For exceptions for replacing poles prior to JPA see Sections 7.6A, 7.6B, and 7.11 (f).

~~This section will not apply to pole replacements agreed to for emergencies, priority poles or storm conditions. For these replacements, use section 7.11. For plant damage replacements refer to section 7.6 (Revised January 2012).~~ (revised 02/16/2016 for Admin Board 02/17/2016 Effective when approved).

Southern California Joint Pole Committee

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

March 16, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 a.m., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Brenda Davis	Southern California Edison
Ms. Mary Li	City of Anaheim
Mr. William Kearns	Verizon CA, MCI Telecomm, MCI Metro ATS
Mr. Varghese George	City of Glendale
Ms. Manijeh Carmichael	AT&T California
Ms. Kay Black	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Ms. Wilson Parrales	T-Mobile USA
Mr. David Campo	City of Lompoc
Mr. Daniel Lippert	City of Burbank
Ms. Erica Sanchez	Extenet Systems
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Yvonne Johnson	AT&T Mobility
Ms. Maria Ortiz	XO Communications
Mr. Peter Griffen	Osmose
Ms. Angela Pranata	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Lynn Prescott	Verizon Wireless
Ms. Sarah Valdez	Mobilitie, LLC
Mr. Mark Denning	M-Power Communications
Mr. Dan Kjar	City of Azusa
Ms. Erin Mendall	ATC Outdoor DAS
Ms. Maryam Farajzadeh	City of Vernon

Mr. Stephen Pebley
Ms. Samatha Valle
Ms. Elena DeStefano
Ms. Sherri DuChateau

Frontier Communications
Time Warner Cable
City of Riverside
Golden State Water

CALL TO ORDER:

Mr. Steve Brown called the meeting to order at 9:05 am. He then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Pasadena, City of Colton, City of Banning, Crown Castle, NewPath Networks, CA-CLEC LLLC, and ExteNet Systems.

HOUSEKEEPING:

Mr. Steve Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Steve Brown inquired whether the members had reviewed the minutes of the *February 17, 2016* Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the *February 17, 2016* minutes as written and Ms. Ortiz seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the February 17 2016 operating expenses were \$55,948.83 and the members were assessed this amount.

COMMUNICATIONS:

There are no communications.

SPECIAL REPORTS

City of Burbank Pole Inspection Program Presentation

Mr. Lippert stated that currently Burbank is concentrating on poles that are not in compliance by initiating their inspection program. Their intent is to inspect approximately 5,000 poles within the Burbank area over the next three years. The City of Burbank will be contracting Osmose to perform their inspections. Currently, Burbank is not fuming or treating poles as part of their program. The majority of treatment will be Bor&Rod. Mr. Lippert is seeking Board approval of Burbank's inspection process to be added to the list of approved inspection programs currently in the Routine Handbook to gain the ability to share in these costs with joint pole owners. In that any joint poles require action after the inspection, the joint owners will share in these costs via the JPA process, Section 19.5, Authorized Costs 12.

Ms. Black commented that there are no costs for visual inspections. Mr. Lippert responded in the affirmative.

Mr. Campos questioned as to why Burbank is opting for Bor&Rod treatment as opposed to chemical? Mr. Lippert responded that the majority of the poles are forty to fifty years old and if chemical treatment is required, it is likely that the pole would be replaced.

Mr. Steve Brown inquired if Burbank would implement C trusses? Mr. Lippert responded in the negative.

Ms. Li inquired what percent of pole replacement Burbank anticipates. Mr. Lippert responded that in their pilot program, it was 5% replacement; therefore it could be 10%,

Mr. George questioned how Burbank identifies those poles requiring inspection? Mr. Lippert responded the primary objective is per GO 165, inspecting poles greater than 20 years.

The City of Burbank's Pole Inspection Program will be on the Consent Calendar of the April 2016 Board meeting for approval. If the inspection program is accepted and Board approved, it will be added to the Routine Handbook as an approved Inspection Program.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on March 15, 2016. She further reported that the 2016 pole prices have all been submitted and are on the current Consent Calendar for Board approval.

She concluded by referring the members to the minutes of the meeting for further details.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met March 15, 2016. She added that Sections 18.1D, 18.1E, and 18.1F and Glossary Item "Priority Pole" are on the current Consent Calendar for Board approval, as well as revised Sections 7.11 and 7.13. She further reported that SCE has released their Customer Release Form and it is on the current Discussion Calendar for Board discussion, as well as the possibility of removing Section 2.7E.

She urged members to submit their respective maintenance program definitions, and priority pole time frames to become available on the SCJPC website as a reference resource.

The ad hoc members agreed that if there is an item on a JPA, but lacks an indicator; the JPC staff will no longer will question it, but process it. If it is a typo then the initiator will be required to issue a correction of record.

She directed the members to refer to the minutes of the March 2016 meeting for further information.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met on March 15, 2016. The ad hoc continues to address the share file and NJUNS Investigation items, as well as the web site and pole card redesign. She referred members to read the minutes of the meeting for details on these items.

Compliance ad hoc Committee

Ms. Hernandez reported that the ad hoc committee met March 15, 2016, and stated that SCE continues to coordinate a joint meeting, and a pre-engineering committee. She was requested to remind members to issue a Form 48 when work is completed to acknowledge that their portion of the work is complete. Mr. Steve Brown added that if it is a work intensive project, a partial Form 48 is acceptable. Ms. Hernandez added that SCE stated the CPUC is requesting these documents to ensure that all work is complete. Mr. Chow added that the CPUC is requesting these documents via the Safety Enforcement Division (SED). He further added that they are not requesting all documents, only samples to understand how these documents work in the process, and with those owners who have tenant relations of pole transfers when a pole is replaced. He stated that these are data requests, however if the CPUC is not satisfied with the information on this data, at their discretion they could open a proceeding.

After the members extensively discussed electronic form submission, it was agreed to further address this issue at the ad hoc level and *Item 1608: Form 48 Redesign* has been assigned to the Routine Revision ad hoc committee for further discussion.

Ms. Hernandez reported that the ad hoc members agreed not to allow the attaching of car chargers on joint poles. Mr. Steve Brown questioned if the City

agreed to indemnify joint owners, would they agree? The consensus is to address this when such options are presented to the Committee

Ms. Hernandez closed by referring the members to the minutes of the meeting for details.

Pole Loading Committee

Mr. Wayne Brown reported that this ad hoc met on March 15, 2016. He added that the members discussed how many poles Edison is allowed on their inspection program in 2016 and how many are identified between distribution and transmission. He closed by referring the members to the minutes of the meeting.

California Joint Pole Committee

This ad hoc committee did not meet in March.

Operating Committee

Mr. Kearns reported that the Operating Committee met on February 17, 2016. He then directed the members to review the minutes of the February meeting for any further details.

Single Trip to Pole

Mr. Chow reported that Single trip met on February 17, 2016. The discussion focused on what Single Trip to the Pole means, and a common understanding of what each attending member expects from this ad hoc committee. The members discussed one entity replacing the pole and facilitating all transfers from the old pole. This ad hoc may meet after Operating.

CONSENT CALENDAR:

2016 Pole Prices Draft 06

Mr. Steve Brown inquired if the members had reviewed the costs and ready to approve the 2016 pole prices? Mr. Brown then solicited a motion to approve the 2016 pole prices. Mr. Chow motioned to accept the 2016 pole prices, Ms. Carmichael seconded the motion, which upon voting passed unanimously.

Revised Routine Sections 18.1D, 18.1E and 18.1F

Ms. Ortiz motioned to accept the revisions to the above mentioned sections. Mr. Lippert seconded the motion, which upon voting passed unanimously.

New Glossary Item "Priority Pole", revised Routine Sections 7.11 and 7.13.

Ms. Ortiz stated that this item has been discussed extensively; therefore, she motioned to accept the revisions to the above noted sections. Ms. Hernandez seconded the motion, which upon voting passed unanimously.

These approved items are effective immediately.

DISCUSSION CALENDAR:

Item 1585: SCE Customer Release Form

Mr. Chow stated that this procedure has been finalized internally and is now part of the JPA process. This pertains to a billing relocation and another customer party. If a customer authorizes releasing confidential information, SCE will disclose the info on the JPA in this format.

Item 1603: Review of Section 2.7E – Proposed for Deletion

Ms. Hernandez opened discussion by stating that there has been a contraction within the JPC staff in regards to 18.1. On a pole replacement where the space and grade is changed and the other member(s) have not signed off, they are prohibited from processing the JPA via 18.1. However, 18.1 automatically approves the JPA as written. After extensive discussion, the consensus of the Routine Revision ad hoc committee is to delete section 2.7E. This item will be on the Consent Calendar of the April Board meeting.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1574: Review Section 18 – ROUTINE REVISION (05/14/2013)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1585: SCE Customer Release Form – ROUTINE REVISION (04/15/2014)
- Item 1587: Review Section 7.6, 7.11 & 7.13 – ROUTINE REVISION (05/20/2014)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1603: Review of Section 2.7 E - ROUTINE REVISION (11/17/2015)

Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)

Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)

After review of the unfinished business open items, the following items are now closed:

- Item 1574: Review Section 18
- Item 1585: SCE Customer Release Form
- Item 1587: Review Section 7.6, 7.11 & 7.13

Item 1605: 2015 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

There were no known items.

Unknown Items:

Changes to JPA two days after 45 day time frame

Ms. Hernandez opened discussion by stating that she is aware that when the 45 day time frame has elapsed, the initiating member may begin construction. However, she has believed that if construction has not started, the joint member may respond with a change to construction on the 46th or 47th day. She reiterated only if construction has not started.

Mr. Steve Brown responded by stating that construction may not have started, but if the pole has been ordered and more space is required this request is not feasible.

Ms. Hernandez responded that this scenario is understandable, but in some instances she may not agree, such as is hand dig necessary or another method in the construction process. She is of the opinion that her changes should at a minimum be considered and/or discussed prior to construction.

Mr. Chow stated that historically from his perspective, if the changes could in fact be accommodated it is at the other member's discretion.

Ms. Hernandez reiterated that her requests for change in construction after the 45 day time frame, and construction has not started, should be given at a minimum consideration via communication between parties.

Ms. Carmichael stated that Form 7's are issued after the 45 day time frame for changes to a JPA. She added that her organization receives multiple Form 7's for authorized costs to JPA's after the 45 day time frame has elapsed. This appears similar to considering changes in construction.

After discussion, the consensus is to address this issue of time frames in the Routine Handbook further at the ad hoc level. *Item 1609: JP Forms Timelines* has been assigned to the Routine Revision ad hoc committee.

Daniel Lippert-City of Burbank

Mr. Lippert announced that he has been reassigned to the fiber-optic division for the City of Burbank. He introduced his replacement, Ayman Arraj who will attend all meetings as the representative for the City of Burbank.

Edison Inspections

Ms. Pearson announced that the inspections and pole tag billing will be delayed for the months of February and March due to an internal problem. She has notified Ms. Pranata and would like the members to be aware of this billing delay.

Edison City Meetings

Mr. Wayne Brown announced that he would like to encourage all members to attend the city meetings in regards to "buddy poles". He added that the municipalities are noticing that there is a lack of attendance and response from other committee members. He concluded that their attendance would prove beneficial.

Ms. Black added that the municipalities do not fully understand what is involved in the process of removing this type poles. All input from members would aid their understanding.

City of Los Angeles Resource issues

Mr. Steve Brown announced that his department has experienced a great change in staffing. Many of his lead and experienced staff have retired. He is working with a new and capable staff; however, there is the required learning curve for this new staff. He is requesting the required patience needed when an organization is dealing with new staff. Should any members experience a problem, they should not hesitate to contact him.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	4/19/16	9:00 a.m.	Committee Office
Pole Loading	04/19/16	Following	Routine Revision
Authorized Costs	04/19/16	Following	Pole Loading
Computer Committee	04/19/16	Following	Authorized Costs
Compliance Committee	04/19/16	Following	Computer Committee
Administrative Board	04/20/16	9:00 a.m.	Committee Office
Operating Committee	04/20/16	Following	Administrative Board
Single Trip to Pole	04/20/16	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 10:30 a.m., until April 20, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

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 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	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 PRICE	PROP. 2016	% CHG.												
	2108	2438	16												

30' 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	
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 PRICE	PROP. 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	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 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	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
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	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
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	NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&					
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
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		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	TOTAL				POLES
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	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	PROP.	%												
	PRICE	2016	CHG.												
	8787	11806	34												

85' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	TOTAL				POLES
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	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	PROP.	%												
	PRICE	2016	CHG.												
	9451	16561	75												

90' POLE	LOADED		NO. OF HOURS		LOADED				ENG	Gen		NO. OF	F.O.B.	TOTAL	
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&	TOTAL				POLES
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	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	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	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
	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	SPR
FON		83.00	50.00	80.00	10790.00	6000.00	**	5200.00	78.00	1618.50	23687	1	6000	23687	FON
											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				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
	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	SPR
FON		83.00	60.00	80.00	11620.00	7000.00	**	6300.00	78.00	1743.00	26741	1	7000	26741	FON
											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				
MBR	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	Gen		NO. OF	F.O.B.	TOTAL	
	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	SPR
FON		83.00	60.00	100.00	13280.00	8000.00	**	6400.00	78.00	1992.00	29750	1	8000	29750	FON
											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		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.

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								
										Salvage	275

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								
										Salvage	384

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								
										Salvage	420

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								
										Salvage	641

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.	%							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

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
H	3	120.00	1.00	15.00	1920.00	723.00			142.00	71.00	2856
									Salvage		723

2015	PROP.	%
PRICE	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.

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		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.	%								Salvage	1836
	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.	%								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			
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	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	

2015 PRICE	PROP. 2016	% CHG.
N/A	7147	

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	

2015 PRICE	PROP. 2016	% CHG.
N/A	7545	

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	

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

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 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

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 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 & 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
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 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 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:
Person Completing Worksheet:
Call Back Telephone Number:

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

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. ⁵⁸

**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**

SCJPC Member Company Submitting:
Person Completing Worksheet:
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

- 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

**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 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

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

SOUTHERN CALIFORNIA EDISON COMPANY
LARRY CHOW
(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;

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	LARRY CHOW
Call Back Telephone Number:	(909) 548-7018

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.

Any changes desired prior to approval of Form 2 Preliminary Joint Pole Authorization by the receiving Member shall be made by means of the following procedure:

(A) Receiving Member:

- (1) Make desired change
- (2) Sign amended form
- (3) Return copy to issuing Member

(B) Issuing Member:

- (1) If change is acceptable:
 - (a) No additional actions take place. Process form in normal manner
- (2) If change is unacceptable:
 - (a) Communicate with receiving Member(s) representative(s) to resolve differences by either issuing Form 7 or revising the JPA.
 - (b) If subsequent changes occur, refer to the standard procedure for Form 7 usage. (See Section 18.4)
 - (c) Until differences are resolved, issue the Form 7 to all participating Member(s), CC to SCJPC, not to process JPA Final Bill.
 - (d) Any member may request a resolution meeting with the Administrative Board by issuing the Form 7 to all participating Member(s), CC to SCJPC. (Revised April 2012)

(3) Multi-Party JPAs:

The initiator of a multi-party JPA will be responsible for notifying all involved parties of any changes made to that JPA prior to final approval.

An acceptable method for the initiating member to notify all involved parties of any changes made to a JPA includes sending a Form 7 indicating "See Changes" with a copy of the marked-up Form 2 Preliminary JPAs as an attachment. (Revised January 2011).

18.1-C Changes After Approval

Any changes desired after the Form 2 Preliminary Joint Pole Authorization approval shall be made by means of one of the following:

- A) Form 7 (refer to Sec 18.4 and Example 4) shall be used for the following:
 - Correct Joint Pole Authorization number

- Correct or add Accounting Data
- Correct pole number
- Delete pole(s)
- Correct Pole length
- Correct Year set
- Correct Pole treatment (except a change from wood to alternative pole type, refer to Section 15.7)
- Circuit correction
- Correct grade and space
- Correct, add or delete authorized costs
- Correct, add or delete Section number
- Change pulling routine
- Delete owner
- Correct pole location and/or community
- Correct, add or delete tenant
- Correct, add or delete anchors, guys or arms
- Correct pole class

B) A revised Form 2 shall be used for the following:

- Add owner(s)
- Add pole(s)
- Change from wood to alternative pole type (refer to Section 15.7)
- Change in scope of work (i.e. changes causing receiving member to reengineer and/or refield.

Same Joint Pole Authorization number may be used with a revision identifier (i.e. JPA12345 Rev 1, JPA12345 RO1, JPA12345 Rev) and new date sent or the JPA may be canceled with a Form 7 and a new JPA issued.

C) Form 2 Supplement for information or transactions omitted from the original FINAL Joint Pole Authorization. Same Joint Pole Authorization number should be used with a supplement identifier (i.e. **JPA12345SUP1**, **JPA12345S01**, **JPA12345SUPPL**) JPC office will convert to SUP.

Form 48 can be used to make changes to the JPA per Section 18.7. (Revised June 2013)

18.1-D Time Limits Involving Form 2

Preliminary Joint Pole Authorization

The return of Form 2 Preliminary Joint Pole Authorization shall be within 45 days of date sent.

Automatic Approval - The Form 2 Preliminary Joint Pole Authorization will be considered approved when 45 days have elapsed from date sent of Form 2 Preliminary Joint Pole Authorization to other Member(s), and there is no written protest or request for review.

The Authorization may be finalized by the issuing Member when 45 days have elapsed from date sent of Form 48, indicating the work has been completed as previously approved.

- This section cannot be invoked with Section 1.2 Special Agreement.
- Effective January 1, 2006, Authorizations issued prior to January 1, 1995 will be billed under current billing practices.
- Under the terms of this section, all utilities shall type the date Form 48 sent on the bottom line of Location/Nature of Work Section of the Final Authorization.
- Note: Form 48 not required on work performed in accordance to sections 5.1C, and 19.5 (Revised June 2015).
- (Admin Board discussion 7/15/2015)

Section 18.1D Clarification.

18.1-E Time Limits Involving Construction and Other Miscellaneous Situations

(a) Emergency Replacements - Member replacing pole in an emergency must notify other owner(s) within 24 hours by telephone. This includes the emergency use of MOD/POLES. (See Sections 7.6 and 19.7)

(b) Free Attachment - Member maintaining free attachment must remove its facilities within 48 hours of telephone notification confirmed by Form 48. (See Sections 5.5 and 11.0)

(c) Maintenance Liability - Liability for maintenance extends 60 days from date sent of a Form 2 Preliminary Joint Pole Authorization involving a relinquishment, or from the date facilities were removed from pole. (See Section 19.0)

(d) Relinquishment/Abandonment of Interest - 60 days notice must be given to other owners when termination of ownership is intended. (See Section 5.1)

(e) Removal of pole or transfer of facilities must be completed within 60 days from date of Form 48. (See Section 5.0 & 7.0)

(f) After the final billing has been processed, all liability is assumed by remaining Member(s). (See Section 5.0 & 7.0)

(g) Temporary attachments allow for facilities of another Member to remain on a pole for a period of time, which is less than one year. (See Section 14.6)

Construction Start Date/Cancellation - The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:

If construction has not been started:

- Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.
- If construction has not been started and JPA time limit exceeds 24 months, explanation is required for extension. If no response, the JPA will be cancelled on the initiator's behalf. (Admin Board discussion 7/15/2015)
-

18.1F Failure to Final JPA

If the issuing utility fails to adhere to the time limits, as specified in Sections 18.1D and 18.1E, any member who is party to that JPA may issue the Form 48 and/or final JPA. The following procedure is required:

- A Form 7 shall be sent to all members involved notifying of the intent to final bill (see item 14A of Authorized Cost).
- If no response after 15 days of Form 7, member may proceed with finalizing the JPA.
- If there are multiple JPA's involved, a spreadsheet may be sent and the 15 day response requirement may be waived upon agreement.
- Where a Form 48 is required, a field trip may be made to verify that construction is complete (see item 14B of Authorized Cost).
- If construction is complete, a Form 48 shall be sent to all members involved.
- The issuing party will pay the full administrative costs and/or field visit cost to the member submitting the final as defined in Authorized Costs item 14A and/or 14B. (Revised July 2007).

- ~~The JPC Office shall final bill the first billable final received, either from the initiating member or the member wishing to final per 18.1F.(Admin Board discussion 7/15/2015)~~

18.1-D Time Limits Involving Form 2 Preliminary Joint Pole Authorization

~~The return of Form 2 Preliminary Joint Pole Authorization shall be within 45 days of date sent.~~

~~Automatic Approval – The Form 2 Preliminary Joint Pole Authorization will be considered approved when 45 days have elapsed from date sent of Form 2 Preliminary Joint Pole Authorization to other Member(s), and there is no written protest or request for review.~~

~~The Authorization may be finalized by the issuing Member when 45 days have elapsed from date sent of Form 48, indicating the work has been completed as previously approved.~~

- ~~This section cannot be invoked with Section 1.2 Special Agreement.~~
- ~~Effective January 1, 2006, Authorizations issued prior to January 1, 1995 will be billed under current billing practices.~~
- ~~Under the terms of this section, all utilities shall type the date Form 48 sent on the bottom line of Location/Nature of Work Section of the Final Authorization.~~
- ~~Note: Form 48 not required on work performed in accordance to all of section 4, sections 5.1C, and 19.5 (Revised June 2015).~~

~~Construction Start Date/Cancellation – The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:~~

~~If construction has not been started:~~

- ~~Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.~~
- ~~If construction has not been started and JPA time limit exceeds 24 months, supporting documentation is required for extension.~~

~~If construction has been completed, refer to Section 18.1F.~~

~~Section 18.1D Clarification:~~

18.1-E Time Limits Involving

Construction and Other Miscellaneous Situations

~~(a) Emergency Replacements – Member replacing pole in an emergency must notify other owner(s) within 24 hours by telephone. This includes the emergency use of MOD/POLES. (See Sections 7.6 and 19.7)~~

~~(b) Free Attachment – Member maintaining free attachment must remove its facilities within 48 hours of telephone notification confirmed by Form 48. (See Sections 5.5 and 11.0)~~

~~(c) Maintenance Liability – Liability for maintenance extends 60 days from date sent of a Form 2 Preliminary Joint Pole Authorization involving a relinquishment, or from the date facilities were removed from pole. (See Section 19.0)~~

~~(d) Relinquishment/Abandonment of Interest – 60 days notice must be given to other owners when termination of ownership is intended. (See Section 5.1)~~

~~(e) Removal of pole or transfer of facilities must be completed within 60 days from date of Form 48. (See Section 5.0 & 7.0)~~

~~(f) After the final billing has been processed, all liability is assumed by remaining Member(s). (See Section 5.0 & 7.0)~~

~~(g) Temporary attachments allow for facilities of another Member to remain on a pole for a period of time, which is less than one year. (See Section 14.6)~~

~~Construction Start Date/Cancellation – The time limit for starting joint pole construction shown on a Form 2 Preliminary Joint Pole Authorization shall be 18 months from date issued. At the expiration of this time period, the following procedure should be followed:~~

~~If construction has not been started:~~

- ~~Form 7 shall be sent by any member involved to request extension, which requires mutual agreement in writing, or to cancel.~~
- ~~If construction has not been started and JPA time limit exceeds 24 months, supporting documentation is required for extension.~~

18.1F Failure to Final JPA

~~If the issuing utility fails to adhere to the time limits, as specified in Sections 18.1D and 18.1E, any member who is party to that JPA may issue the Form 48 and/or final JPA. The following procedure is required:~~

- ~~A Form 7 shall be sent to all members involved notifying of the intent to final bill (see item 14A of Authorized Cost).~~
- ~~If no response after 15 days of Form 7, member may proceed with finalizing the JPA.~~
- ~~If there are multiple JPA's involved, a spreadsheet may be sent and the 15 day response requirement may be waived upon agreement.~~
- ~~Where a Form 48 is required, a field trip may be made to verify that construction is complete (see item 14B of Authorized Cost).~~
- ~~If construction is complete, a Form 48 shall be sent to all members involved.~~
- ~~The issuing party will pay the full administrative costs and/or field visit cost to the member submitting the final as defined in Authorized Costs item 14A and/or 14B. (Revised July 2007).~~
- ~~The JPC Office shall final bill the first billable final received, either from the initiating member or the member wishing to final per 18.1F.~~

18.2 Form 2 Final - Initiation

The Member initiating transaction shall transmit one copy of this form, which shall be an original Southern California Joint Pole Committee authorized typed or electronic document, to Joint Pole Committee, specifying work as completed under approved Form 2 Preliminary Joint Pole Authorization not less than 45 and no more than 90 calendar days after sending the completed Form 48. After 90 days 18.1F may apply. Exception section 7.6 can be final billed less than 45 days (Revised January 2012).

All data essential to complete the record must be specified, including Member accounting data, voltage and space shown on Preliminary Joint Pole Authorization.

NOTE: If the above information cannot be obtained by the issuing Member, the Committee office is authorized to obtain said information from the non-issuing Member.

Transfer, Installation, equipment, and other authorized costs must be shown by item number and number of items.

The date sent on the Form 2 Final will always be the same as the date sent on the Form 2 Preliminary Joint Pole Authorization. (Revised July 2009)

18.3 Form 2 Final - Completion

Copies of Form 2 Finals are distributed by the Joint Pole Committee office. Any discrepancies noted by the Committee on Form 2 Final will cause this form to be returned for correction. When form 2 Final

has been issued, the Committee is authorized to proceed with the preparation of pole record and Bills of Sale.

18.4 Form 7 - J/P Memorandum

This form is for use in effecting changes to issued Form 2 Preliminary Joint Pole Authorization by agreement.

When changes in an authorization are proposed, the Member receiving the Form 7 must return same within 15 days.

The memo must indicate the Members to whom the copies are directed.

For use in protest procedures see Section 18.1-B (2) (c) & (d).

18.5 Pole Record

The pole record is prepared by the Committee office in accordance with Form 2 Final. A pole record shall be maintained for each pole as long as it continues to be used as a jointly owned pole.

The complete pole record shall include the following:

- Pole number
- Location
- Length
- Year set
- Treatment (T, FT, G, CF, LWS or AT)
- Members involved
- Space & grade allocation
- Tenant grade
- Joint anchors
- Joint arms
- Bill of Sale date
- Amount paid for interest in pole or equipment
- Nature of maintenance work or other operation involved
- Joint Pole Authorization number

All subsequent transactions occurring on pole during its use as a jointly owned pole shall be recorded in chronological order and, as each transaction is affected, superseding records shall be prepared by the Committee office and furnished to the Members. The records should be checked by all Members promptly when received, and the Committee office should be advised without delay if any changes are necessary.

Records will be kept of:

- Clearance attachments where interset poles are involved
- Temporary attachment(s)
- Pole top extensions (PTX)
- Free attachments
- Any cases where the Members concerned may request record of specific transactions

- Clearance Pole: A pole placed exclusively to provide clearance from ground level to facilities. May be placed to increase or maintain horizontal clearances between dissimilar facilities. May be Solely owned or Jointly owned. May or may not have Tenant contact or shared under a Joint Use Agreement. Include poles interest/underset for like clearance purposes.
- Customer's Temporary Pole: Temporary poles used for secondary power, and communications or commercial and private job sites. Typically are 6"x8"x12' painted lumber and are provided, erected and removed by developer's customer.
- Cut and Kick: The construction procedure that includes the clearance of the top portion of the pole, cutting and moving the top portion of the pole over, supporting the remaining section of the pole, and pulling the butt. (Added April 2013)
- Distribution Pole: A utility pole utilized for Supply Voltages in excess of 5,000V but less than 60KV. May be solely Owned or Jointly Owned. May or may not have Tenant Contact or shared under Joint Use Agreement.
- Farmers/Private Pole: A pole set and maintained by a private party.
- Guy Pole: A pole utilized for guying only. If pole has facilities attached other than Guys the pole no longer fits criteria for Guy Pole. This includes attachment by Communications or Tenant for Clearance or Supply attachments via pole top extension. Note: all poles are subject to the placement and utilization of guys.
- Interset Pole: A pole placed (set) between two existing poles in an existing lead.
- Joint Owned Pole: A utility pole which is legally owned by more than one party. Predominance of Joint Poles in California are administered under the Northern California Joint Pole Association (NCJPA) and the Southern California Joint Pole Committee (SCJPC). Joint Ownership is established via the Joint Pole Process and finalized on the Form 44, "Bill of Sale", issued in conjunction with Monthly Accounts Billing Cycle and recorded as Jointly Owned.
- Power Pole: A pole used primarily for L, H, and T Class Circuits. May or may not be misused in context.
- Priority Pole: [Each utility defines priority poles and timelines through its maintainance program that include identification of priority poles that require immediate corrective action due to significant safety and/or reliability risks. \(added 02/16/2016 Present Admin Board 02/17/2016\)](#)
- Push Brace Pole: A pole utilized for Guying only. Pole is designed to push against another pole. Used in locations where it is physically impossible or uneconomic to place and maintain down guys or anchor rods. Occasionally used to comply with existing Rights-of-Way restrictions.
- Service Pole: A pole in a lead on private property or public way, which supports Supply or Communication Service to service connection. May be Solely Owned, or Jointly Owned. May or may not have tenant contact, or shared under Joint Use Agreement.
- Solely Owned Pole: A utility pole which is 100% owned by one utility, municipality or other party. May or may not have a tenant or other rental contact in place. May or may not be shared with another utility administered by a valid Joint Use Agreement.
- Telephone Pole: A pole used primarily for C Class Circuits. May or may not be misused in context.
- Temporary Pole: A pole set for temporary use Section 3.5. Often used in conjunction with Development and Public Requirement Projects. May or may not have Tenant Contact or shared under a Joint Use Agreement. Includes poles interest/underset for like purpose. Temporary poles by agreement are for periods of one (1) year or less.
- Transmission Pole: Utility pole utilized for Supply Voltages in excess of 60KV or above. May be Solely Owned, or Jointly Owned. May or may not have tenant contact, or shared under a Joint Use Agreement.

Note: See General Orders 95 (G.O. 95) Rule 22.1
for more pole definition

REPLACEMENT

7.11 Replacement of Pole for Mutual Benefit of All Joint Owners

Member replacing pole for mutual benefit shall sell interest in new pole to other Members concerned. Each Member shall transfer at own expense, receive salvage, if applicable, and pay pulling and transportation.

Mutual benefit shall be understood to apply under this section as follows:

- (a) Pole 25 years old or more
- (b) Pole less than 25 years old, but rendered unfit for service by any cause not the fault of a joint owner including existing overloaded poles
- (c) Pole requiring relocation for the benefit of all Members concerned
- (d) Pole identified in an authorized maintenance inspection program as unfit for service
- (e) Pole requiring replacement for clearing of discovered existing General Order 95 infractions not the fault of any joint owner.

(f) Pole replaced prior to Form 2 and Form 48. Form 2 must be noted that this is a Priority Pole. Section 7.13 applies only if Form 2 is not issued within 45 days. (revised 02/16/2016 for Admin Board 02/17/2016 Effective when approved).

For poles that are more than 25 years old, this section applies only to Members having more than 20 consecutive years of Joint Pole Committee membership.

For those Members with less than 20 consecutive years of Joint Pole Committee membership, which initiates the replacement of poles under the provisions of (a) above, Section 7.3 shall apply.

This rule shall also apply where owner failed to issue Notice of Intention for pole and incoming Member desires its replacement within three years, beginning with January 1 following date of its installation. If pole has been installed longer than the three-year period specified and is not more than 25 years old, the replacement shall be in accordance with rule of the Routine relating to Section 7.3.

7.13 Failure to Issue Notice of Intention of Replacement.

If any member replaces pole(s) or anchors (s) prior to issuing a Notice of Intention to the joint owners on record, that member will perform work (without compensation) or:

- pay all PTD charges
- pay all transfer charges of the joint owner(s)
- pay for any additional authorized costs incurred due to the pole replacement

For exceptions for replacing poles prior to JPA see Sections 7.6A, 7.6B, and 7.11 (f).

~~This section will not apply to pole replacements agreed to for emergencies, priority poles or storm conditions. For these replacements, use section 7.11. For plant damage replacements refer to section 7.6 (Revised January 2012).~~ (revised 02/16/2016 for Admin Board 02/17/2016 Effective when approved).

SCJPC Form - JP2

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

Date Sent _____ Confirming Agreement _____ In Field By Telephone Est. Const. Start _____ No. of Pages _____ J.P. Auth.No. _____

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA

POLE NO.	Pole Length Feet Size	Year Est.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>	
			Pole Tot	Clear	Barber	Dist.							
													1
													2
													3
													4
												Confidential Customer Data	5
													6
													7
												Customer Name: John Doe	8
												Address: 123 Main St. Orange, Ca 92678	9
												Phone #: 714-999-999	10
												OR	11
												Customer Refused to Release Customer Data	12

Southern California Joint Pole Committee

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

April 20, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 a.m., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Mr. Richard LaBarge	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Brenda Davis	Southern California Edison
Mr. Ed Loescher	Frontier Communications
Mr. Bret Plaskey	Frontier Communications
Mr. Josh Mathisen	AT&T California
Ms. Kay Black	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Ayman Arraj	City of Burbank
Mr. David Campo	City of Lompoc
Mr. Joe Armstrong	City of Pasadena
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Yvonne Johnson	AT&T Mobility
Ms. Maria Ortiz	XO Communications
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Bob Guilliams	Highland Composite
Ms. Sarah Valdez	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Lynn Prescott	Verizon Wireless
Ms. Mary Li	City of Anaheim
Mr. Varghese George	City of Glendale
Mr. Daniel Lippert	City of Burbank
Ms. Elena DeStefano	City of Riverside

Mr. Dan Kjar	City of Azusa
Ms. Maryam Farajzadeh	City of Vernon
Mr. Chris Manning	Extenet Systems
Ms. Samatha Valle	Time Warner Cable
Ms. Elena DeStefano	City of Riverside
Ms. Alyssa Hernandez	City of Colton
Mr. Brandon Robison	City of Banning

CALL TO ORDER:

Mr. Steve Brown called the meeting to order at 9:05 am. He then proceeded with roll call. When roll call was complete, those members not in attendance are the M-Power Communications (ICG), ATC-Outdoor DAS (AMT), Golden State Water (SCW), MCI Metro ATS (ATS) and MCI TeleComm (MCI).

HOUSEKEEPING:

Mr. Steve Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Steve Brown inquired whether the members had reviewed the minutes of the *March 16, 2016* Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Plaskey motioned to accept the *March 16, 2016* minutes as written and Mr. Craven seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the March 2016 operating expenses were \$57,259.14 and the members were assessed this amount. She added that the expenses are slightly higher due the annual auditing expense.

COMMUNICATIONS:

There are no communications.

SPECIAL REPORTS

Sectional Composite Fiberglass Poles Presentation- SCE/Highland Composite

Mr. Bob Guillian of Highland Composite facilitated a presentation on the use and manufacturing of his organization's sectional composite fiberglass poles. He reported that the majority of management is from the aero-space industry. The poles are Intelli-Poles and available in:

1. 25 to 45 feet
2. Classes from 3 to H2
3. Able to withstand winds of 180+ MPH
4. Non-conductive

He added that they are designed in four sections and his organization is currently designing a 65 foot pole for use next year. The sections are identified in order by orange numbers for sections 2, 3 and 4, with section one obvious. They are designed with slip fit joints that rapidly assemble by hand. In that these poles are in sections, they are easily transported thus not requiring the use of a crane in most instances.

Mr. Guillian reiterated the benefits of InTelli-Poles:

1. Safer-transportation, handling, installation and climbing
2. Stronger-materials selection, design, and testing
3. Greater reliability-hardens the power grid, increased resiliency, and rapid repair
4. Protects the environment
5. Lower cost-savings at installation and major life cycle cost savings

Mr. Guillian concluded by stating that anyone who would like a copy of his presentation should contact him.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on April 19, 2016. She added that the ad hoc discussed Items 1 through 19 in length. Next, the ad hoc shall review and discuss Items 20 through 119, and will revisit Item

9. She encouraged the members to attend the meetings in that any changes will impact the 2017 Authorized Costs. She concluded by referring the members to the minutes of the meeting for further details.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met April 19, 2016. She added that Section 2.7E is on the current consent calendar.

Initially, the ad hoc members had agreed to redesign the Form 48, however, after further discussion it was agreed that this form does not require redesign.

The members also discussed extending the current time limits for Forms 2, 48 and 7. Also discussed is the possibility of removing Section 8 and Item 11.

In regards to Form 9 she stated that if a member has sent a Form 9 and it is no longer required, the initiating member should send a cancellation notice.

She reminded members that if there is an example in the handbook that requires revision or a section that would benefit from an example to bring it to the next ad hoc committee for review. Those members who have not submitted their Priority 1 pole definitions to submit them so that they may be added to the reference list. She thanked those members who have submitted their definitions.

She concluded by stating that those members who have an interest in any of the aforementioned issues should plan on attending the next ad hoc meeting. She then directed the members to the minutes of the April 19, 2016 meeting for further information.

Computer Communications ad hoc Committee

Ms. Davis reported that this ad hoc met on April 19, 2016. The pole record redesign is currently on hold. Mr. Wayne Brown has scheduled an NJUNS meeting in May. She directed the members to the minutes of the meeting for details.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc met April 19, 2016. The members briefly discussed the joint field meet, and clearly defining the aspects of a joint field meet. Mr. Wayne Brown will be sending a list of criteria for joint design and engineering to Ms. Pranata to be forwarded to members. After members review the list the ad hoc will agree on that which should be deleted and any additions. He then directed the members to the minutes for further details.

Pole Loading Committee

Mr. Wayne Brown reported that this ad hoc briefly met on April 19, 2016. He added that the members discussed the transition of Verizon to Frontier Communications. He added that if any members would like a copy of the Re-Ax

study they are required to sign a non-disclosure agreement. He closed by referring the members to the minutes of the meeting.

California Joint Pole Committee

This ad hoc committee did not meet in March.

Operating Committee

Mr. Plaskey reported that the Operating Committee met on March 16, 2016. He stated that the employee handbook is complete and has been distributed to the committee staff.

The quotes for the purchase of hardware for the committee staff is on the Consent Calendar for approval by the Board.

He then directed the members to review the minutes of the March meeting for any further details.

Single Trip to Pole

Mr. Chow reported that Single trip met on March 16, 2016. The members were directed to discuss single trip within their respective organizations and bring to the table any information taken from their internal discussions. The ad hoc will meet this afternoon. He referred the members to the minutes for details.

CONSENT CALENDAR:

City of Burbank Pole Inspection Program

Mr. Lippert stated that once approved, Burbank shall begin catching up on required regulations in regards to pole inspections.

Item 1603: Review of Section 2.7E – Delete Section 2.7E

Ms. Ortiz stated that if approved, this section will not be addressed by the JPC staff if it is noted on Form 2.

2016 Computer Hardware Upgrade

Ms. Pranata stated that the Operating committee agreed that the staff hardware is in need of replacement; therefore, Board approval is required on the agreed upon quote (\$10,989.52) for the new hardware. It that the original quote may

have expired, it was agreed to seek approval on a greater amount (\$14,000.00) in the event that the quote is no longer valid and possibly greater than the original quote.

Mr. Brown solicited a motion to approve all items on the Consent Calendar. Ms. Ortiz motioned to approve all items on the Consent Calendar. Mr. Plaskey seconded the motion, which upon approval passed unanimously.

DISCUSSION CALENDAR:

Revised Section 18.1B & 18.4 – Protest Procedures

Ms. Ortiz stated that this item was discussed at the last Routine Revision ad hoc meeting. In instances when a Form 7 is issued, and a JPA is not processed due to problem requiring resolution, the initiating member must notify the JPC office that the problem has been resolved and the JPA in question may be final billed. Therefore, verbiage has been added to this section prompting the initiating member to issue a second Form 7. The proposed changes will be on the Consent Calendar of the May 2016 Board meeting for approval.

Ms. Farajzadeh questioned if notification could be sent via email to the JPC office, followed up by a hard copy through the mail? If was agreed that this topic could be discussed at the next Operating committee meeting.

OTHER ITEMS: Unfinished Business

Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
Item 1574: Review Section 18 – ROUTINE REVISION (05/14/2013)
Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
Item 1585: SCE Customer Release Form – ROUTINE REVISION (04/15/2014)
Item 1587: Review Section 7.6, 7.11 & 7.13 – ROUTINE REVISION (05/20/2014)
Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
Item 1603: Review of Section 2.7 E - ROUTINE REVISION (11/17/2015)
Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
Item 1608: Form 48 Redesign - ROUTINE REVISION (03/16/2016)
Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)

After review of the unfinished business open items, the following items are now closed:

- Item 1603: Review of Section 2.7 E
- Item 1608: Form 48 Redesign

Item 1605: 2015 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

Sectional Composite Fiberglass Poles – (SCE)

Mr. Chow stated that SCE ran a pilot program for sectional composite fiberglass poles with Verizon and AT&T. He would like to report to the members that the program ran successfully. He added that if any members have a concern with utilizing this type pole, they are identified in the Routine Handbook as a pole type. He further added that SCE will be utilizing this type of pole, especially around property lines to eliminate the use of cranes. He concluded by stating there will be further discussion on this topic at the ad hoc level.

Steel Stubbing – Ground-line Remediation (SCE)

Mr. Chow stated that as a reminder he would like to announce that in regards to fiberglass and steel stubbing at the ground line, SCE will no longer use fiberglass but will return to steel stubbing for ground line remediation.

Unknown Items:

Verizon to Frontier Communications

Mr. Plaskey announced that Verizon California wireline service was sold to Frontier Communications. He stated that the member code for VZ would now be FTR for Frontier, therefore, moving forward on JPC forms VZ shall be replaced with FTR. Ms. Pranata added that beginning in May 2016 the Bill of Sale shall read Frontier Communications and not Verizon. Mr. Plaskey added that MCI Metro and MCI Telecomm shall remain as is. In regards to email addresses the Verizon.com should be replaced by FTR.com and the message should be delivered to the correct recipient.

NJUNS

Mr. Wayne Brown announced that they are meeting with AT&T and Frontier to continue to discuss the NJUNS pilot program on May 19, 2016. The discussion addressed the annual fee for NJUNS. It that the North has paid the fee for the sake of equity the South should pay their fair share to continue the NJUNS pilot program. This issue shall be discussed at the Operating committee level.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	5/17/16	9:00 a.m.	Committee Office
Pole Loading	05/17/16	Following	Routine Revision
Authorized Costs	05/17/16	Following	Pole Loading
Computer Committee	05/17/16	Following	Authorized Costs
Compliance Committee	05/17/16	Following	Computer Committee
Administrative Board	05/18/16	9:00 a.m.	Committee Office
Operating Committee	05/18/16	Following	Administrative Board
Single Trip to Pole	05/18/16	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 11:10 a.m., until May 18, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

OPTION #2 “Alternative Proposal”

BILLABLE ITEMS	PRICE
EXTERNAL TREAT	\$ [REDACTED]
EXCAVATED REJECT	\$ [REDACTED]
VISUAL INSPECTION	\$ [REDACTED]
SOUND AND BORE INSPECTION	\$ [REDACTED]
PARTIAL EXCAVATE INSPECTION	\$ [REDACTED]
INTERNAL TREAT	\$ [REDACTED]
WOODFUME – PER POLE	\$ [REDACTED]
PRIVATE PROPERTY	\$ [REDACTED]

Option #2 Pricing Notes:

- **Average Price Per pole:**
 - *We recognize that this pricing schedule can be complicated to interpret, however we estimate that your average price per pole would equate to roughly \$ [REDACTED]*
 - *Based on this estimation, Osmose anticipates that we could execute roughly 1,100 – 1,200 poles per year* under the available annual budget of \$ [REDACTED]*
 - **Estimates are subject to change due to the conditions and inspections required in the field.*
- **Explanation of Billable Items:**
 - “External Treat”
 - *This billable item applies to the External Treatment (MP400) applied to poles with decay. This includes only those poles that are fully excavated that are not rejected. Pricing is inclusive of the materials.*
 - “Excavated Reject”
 - *This billable item applies to all poles which are fully excavated and classified as a reject pole.*
 - “Visual Inspection”
 - *This billable item applies to all poles which require a visual inspection due to circumstances preventing a Partial Excavate or Sound and Bore*

Inspection. Poles 9 years old or less will only be visually inspected and reported if the visual inspection warrants no further action.

- “Sound and Bore Inspection”
 - *This billable item applies to all poles which require a Sound and Bore Inspection due to circumstances preventing a Partial Excavate Inspection.*
 - “Partial Excavate Inspection”
 - *This billable item applies to all poles which require an 18 inch partial excavate inspection.*
 - “Internal Treat”
 - *This billable item applies to all poles that require internal treatment due to the presence of internal voids. Pricing is inclusive of materials.*
 - “WoodFume – Per Pole”
 - *This billable item applies to all non-reject poles (poles that pass inspection). Pricing includes materials.*
 - “Private Property”
 - *This billable item will apply to all poles that are located in back-lots or private property (i.e. “inaccessible” per BWP’s definition in Option #1)*
- **Details:**
 - *The specification and requirements of the program will be discussed in detail during the project kickoff meeting between Osmose and BWP prior to execution of the program.*

Osrose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

TABLE OF CONTENTS:

1.0	General	5.0	Treatment
1.1	Scope	5.1	General
1.2	Contract Definitions	5.2	External Groundline Treatment
1.3	CONTRACTOR Requirements	5.3	Fumigant Treatment
1.4	Personnel Qualifications	5.4	Internal Treatment
1.5	Workmanship and Damages		
1.6	Quality Control	6.0	Restoration of Work Site
1.7	Definitions for Inspection and Treatment	6.1	Back-Filling
1.8	Copper Naphthenate and Cellon Treated Poles	6.2	Clean-Up
2.0	General Precautions and Requirements for Preservative Applications	7.0	Pole Marking (Tagging)
2.1	General Restrictions and Requirements	8.0	Data Collection and Deliverable
2.2	Pesticide Licensing and Reporting Requirements	8.1	Data Requirements
2.3	Material Handling	8.2	Data Specifications
2.4	Proper Equipment	8.3	Data Delivery
2.5	Pesticide Training	8.4	Data Archiving
3.0	Inspection	9.0	CONTRACTOR Information
3.1	Preparation	9.1	CONTRACTOR's Policies
3.2	Above-Ground Inspection	9.2	Work Schedule
3.3	Partial Excavation		
3.4	Full Excavation	10.0	Invoicing
3.5	Sounding		
3.6	Boring		
3.7	Chipping		
4.0	Evaluation		
4.1	Determining Remaining Groundline Strength or Minimum Groundline Circumference		
4.2	Determining Reinforceable Candidates		

TABLE 1 MINIMUM GROUNDLINE EFFECTIVE CIRCUMFERENCE

Osrose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

1.0 **General:**

1.1 **Scope:** This specification is intended as a basis for the inspection and supplemental treatment of wood poles. Poles 9 years old or less will only be visually inspected and reported if the visual inspection warrants no further action. All other poles are to be inspected both above and below the groundline area.

1.2 **Contract Definitions:**

1. **OWNER:** Burbank Water and Power
2. **CONTRACTOR:** Osrose Utilities Services, Inc.

1.3 **CONTRACTOR Requirements:** CONTRACTOR shall furnish all supervision, labor, tools, equipment, report forms, field adaptable handheld data collection devices, transportation, and material necessary for the inspection and treatment of OWNER's poles as identified. OWNER will furnish copies of this specification and necessary maps showing locations of poles which are the subjects for inspection and/or treatment. OWNER shall provide CONTRACTOR the legal right to access the work site.

CONTRACTOR is required to have a minimum of 10 years in the in-service pole inspection and treatment business. CONTRACTOR must have documented programs/policies conforming to the Environmental Protection Agency ("EPA"), the Occupational Safety and Health Administration ("OSHA"), the Department of Transportation ("DOT"), along with all federal and state pesticide regulations. These policies must include a safety manual, pesticide training manual and test, standards for safe storage of preservatives on vehicles, operating policies for CONTRACTOR's personnel to handle preservatives and procedures for disposing of empty containers used for pole treatment in compliance with label requirements, and OSHA regulations involving Personal Protective Equipment ("PPE").

CONTRACTOR shall maintain throughout the term of the applicable agreement, in full force and effect, in amounts reasonably satisfactory to OWNER and otherwise in compliance with applicable law, the following insurance coverages: Workers' Compensation, Commercial General Liability (including Public Liability, Personal Injury, Property Damage, and Contractual Liability) and Automobile Liability. Prior to the commencement of the work, CONTRACTOR shall furnish OWNER with a certificate evidencing said coverages.

1.4 **Personnel Qualifications:**

1.4.1 **Foremen Qualifications:** Each Foreman shall have:

- A minimum of eight weeks formal training in the art of inspecting and treating poles
- A minimum of six months experience as a pole inspector foreman

Osmoste Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

- Passed a written or demonstration test to the satisfaction of CONTRACTOR
- Passed a CONTRACTOR-approved pesticide training program, qualifying the Foreman having the expertise and training to handle wood preservatives
- Met the applicable state requirements for a commercial applicator

Foreman with less than six months experience, who have completed a training program specifically designed to acquaint them with the procedures for pole inspection and treatment, may be used if all the following conditions are met:

- Weekly quality checks by his/her CONTRACTOR Supervisor are performed on the Foreman's work for the first four weeks after completion of training (an OWNER representative will be contacted regarding the scheduling of these quality checks and is encouraged to be present at the quality checks)
- CONTRACTOR Quality Control report forms are submitted to OWNER by the end of the following week
- OWNER's representative may request that a Quality Control inspection be performed at anytime (CONTRACTOR's supervisory personnel will be present at the quality checks)
- Other options reasonably requested by OWNER

OWNER reserves the right to ask for evidence of previous experience and training in the form of letters of reference and test results. Personnel are subject to approval by OWNER.

1.4.2 **Supervisor Qualifications:** The Supervisor shall:

- Have a valid state pesticide applicator's license in the appropriate category for treatment of wood poles
- Hold the position of CONTRACTOR's Supervisor in the state in which the work is to be performed
- Have a minimum of two years field experience in the art of inspecting and treating poles

1.4.3 **Manager Qualifications:** The Manager shall:

- Have a valid state pesticide applicator's license in the appropriate

Osmoste Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

category for treatment of wood poles

- Hold the position of CONTRACTOR's Manager in the state in which the work is to be performed
- Have at least four years field experience in the art of inspecting and treating poles

1.5 Workmanship and Damages: All work shall be performed in a workmanlike manner and shall be in accordance with this specification and all applicable federal and state regulations. OWNER considers work not in accordance with this specification, or work not in accordance with state and federal regulations, or unskilled or careless work, to be sufficient reason to order CONTRACTOR to stop work. Work will not be allowed to resume until deficiencies are corrected to the reasonable satisfaction of OWNER. Further, OWNER reserves the right to require CONTRACTOR to replace any worker before work is allowed to continue. If not satisfied, OWNER will consider this to be just cause for termination of the contract.

Any damages, real or personal, off the right-of-way arising solely from the negligent performance of the work specified herein, or any damages on the right-of-way arising solely as a result of negligent operations, shall be settled promptly by CONTRACTOR.

OWNER recognizes that linemen must inspect all poles to their satisfaction prior to climbing, whether or not such poles have been inspected by a third party contractor. An inspection and/or treatment tag on a pole is not a guarantee the pole is safe to climb. OWNER should inform linemen that the inspection tag only means the pole was inspected in the stated year in accordance with the contract specifications. An inspection tag is neither an expressed nor implied warranty that the pole meets the National Electric Safety Code ("NESC"), the General Order No. 95 ("GO 95"), or any other applicable standard. Linemen must also practice all other safety procedures when climbing poles and changing out or adding equipment or lines or cutting lines, all of which may create an unbalanced load. An unbalanced load may cause sound poles to fail.

1.6 Quality Control:

1.6.1 Quality Control Inspection: A Quality Control ("QC") inspection shall be performed for each time period of not less than one week's work, but not to exceed two weeks' previous work. The QC inspection will be conducted with CONTRACTOR's Supervisor, and at OWNER's option, with OWNER's representative when available. The QC inspection shall consist of the partial to complete re-inspection of those poles selected by OWNER's representative to compare the results shown on the pole report inspection sheets with those existing in the field. The re-inspection shall include, but not be limited to, the re-excavation, re-treatment, and re-wrapping of those poles that were inspected below groundline. CONTRACTOR's cost of said re-treatments shall be borne by CONTRACTOR. At least three poles will be selected for each QC inspection. OWNER shall be issued a copy of the QC field report.

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

1.6.2 **Discrepancies and Corrective Action:** Any serious errors will be brought to the attention of CONTRACTOR. Corrective action, reasonably satisfactory to OWNER, must be taken by CONTRACTOR to remedy the situation before the next QC check. The corrective action may include, but not be limited to, re-working each pole back to the previous QC check point at no cost to OWNER.

1.7 **Definitions for Inspection and Treatment:** Pole inspection and treatment categories are defined as follows:

1.7.1 **Reported Pole (Visual Inspection):** A reported pole is a pole 9 years old or less about which OWNER desires information, including poles the CONTRACTOR identifies as not present in the field, or any pole that is judged to be unserviceable prior to excavation (as specified in Section 3.2), or any pole which is determined by CONTRACTOR, in CONTRACTOR's reasonable opinion, to be inaccessible. Poles 9 years old or less may be subjected to further evaluation at CONTRACTOR's discretion. Copper naphthenate and Cellon treated poles shall be partial excavate inspected according to Section 3.3 regardless of age.

This inspection method provides no indication of groundline wood strength except for the possible notation of pole class. If used alone, this inspection provides little information to help OWNER improve its pole plant. This inspection method will miss most priority and reject poles.

1.7.2 **Sounding and Boring:** Poles shall be sounded with a hammer from either groundline or above groundline as applicable, to as high as an inspector can reach in order to locate exterior decay or interior pockets of decay. Inspector shall bore pole at least once to detect interior decay (a shell thickness indicator shall be used to detect the existence and extent of interior decay). If decay is present, the pole shall be bored a sufficient number of times to determine the location and extent of decay discernable with this method. Bored holes shall be plugged with tight-fitting treated wood dowels or plastic plugs.

This inspection method can miss poles without sufficient strength to meet NESC, GO 95, or other mandated overload capacity requirements, and there is the possibility of missing those poles with insufficient strength to support the current loading. This is particularly true when the decayed area is below ground level or if the inspector's tools do not contact hidden, damaged areas. Used in conjunction with visual inspection, historical data shows approximately 50% to 60% of reject and priority poles will be found.

1.7.3 **Partial Excavation:** Poles that are partially excavated on one side of the pole as specified in Section 3.3 below.

Osrose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

This inspection method can be expected to identify many but not all inspected poles with decay below ground or other conditions causing a reduction in the required strength at groundline. Used in conjunction with visual inspection plus a sound and bore, historical data shows that approximately 80% to 90% of reject and priority poles will be found.

- 1.7.4** **Fully Excavated Pole:** Any pole passing the above ground visual inspection (other than poles defined in Section 1.7.1) which has been excavated around the entire circumference as specified in Section 3.4.

This inspection procedure constitutes the most thorough method known in the industry. Nevertheless obstructions such as rock, adjacent buildings, sidewalks, keys, roots, risers, deep decay, underground cables, and other obstacles prevent “full” excavation and/or treatment with respect to depth, circumference, or both. Typically, once the excavation is made to improve inspection accuracy, the procedure also includes treatments. Used in conjunction with visual inspection, historical data shows approximately 98% of reject and priority poles will be found.

- 1.7.4.1** **Externally Treated Pole:** A groundline treated pole is any fully excavated pole designated by OWNER which, upon inspection, is found to be a candidate for external preservative treatment. Treatment is specified in Section 5.2.

- 1.7.4.2** **Fully Excavated Rejected Pole:** A fully excavated rejected pole is any fully excavated pole that meets the criteria specified in Sections 3.2, 3.3.3, and/or 4.2.

- 1.7.4.3** **Externally Treated Reject Pole:** An externally treated reject pole is a fully excavated rejected pole that, after inspection, meets criteria for pole restoration. A pole found to be restorable will be groundline treated provided enough sound wood remains. The inspector will make a notation in the data as to whether a pole can or cannot be restored.

- 1.7.5** **Rejected Pole:** A rejected pole is any pole that meets the criteria specified in Sections 3.2 and/or 4.1.

- 1.7.6** **Priority Pole:** A priority pole is any pole that is in need of immediate attention (restoration or replacement); usually has an average shell of 1” or less (for distribution poles) or 2” or less (for transmission poles), or less than one-half of its original circumference and/or 13% or less remaining original strength (**if OWNER opts to specify alternative criteria, it must be specified in writing to CONTRACTOR**). The location of priority poles will be reported to OWNER’s representative as specified by OWNER in writing.

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

- 1.7.7 Percent Remaining Strength or Remaining Section Modulus:** The percent remaining strength is the estimated percentage of bending strength remaining in a pole compared to its original strength when reductions are made for decay or mechanical defects noted by the Foreman. OWNER acknowledges that the percent of remaining strength is an estimate based on the information outlined herein.
- 1.7.8 Internal Treatment:** CONTRACTOR's EPA-registered insecticide and preservative (as specified in Section 5.4) solution is applied internally under 40 PSI minimum pressure through a set of multiple borings to any insect cavities/voids and/or internal decay voids that constitute a size of 1/2" or larger.
- 1.7.9 Fumigant Treatment:** CONTRACTOR's EPA-registered fumigant treatment. CONTRACTOR shall apply the fumigant treatments specified in Section 5.3.

- 1.8 Copper Naphthenate and Cellon Treated Poles:** Due to inconsistencies with the original treatment process, poles manufactured with copper naphthenate or Cellon (pentachlorophenol in lp gas) treatment can be prone to inconsistent decay patterns and there is a probability of decay being present at heights far above groundline. Due to these inconsistent decay patterns, an accurate assessment of copper naphthenate and Cellon treated poles cannot be performed using traditional inspection procedures of sound and bore and/or partial or full excavate at groundline. OWNER should assume that any inspection information provided by CONTRACTOR is incomplete and does not represent an accurate opinion on the serviceability of the pole. CONTRACTOR does not warrant or offer any type of indemnification on any inspections performed on copper naphthenate or Cellon treated poles.

Furthermore, it is recommended that OWNER inspect copper naphthenate and Cellon treated poles above the groundline to the tip or the maximum height allowed. CONTRACTOR does not perform this service.

2.0 General Precautions and Requirements for Preservative Applications:

- 2.1 General Restrictions and Requirements:** All preservatives shall be handled and applied in accordance with the product label, and in a manner to prevent damage to vegetation and property. Only preservatives registered by the EPA and the appropriate State Department of Agriculture for the intended use of remedial pole treatments will be considered for approval by OWNER. Preservatives not labeled for use as remedial pole treatments shall not be used.

No preservatives shall be applied by CONTRACTOR where a pole is readily identifiable as: (i) located on any school property (Day care(s) and Grades K-12); (ii) in a vegetable garden; (iii) in organic farm fields; (iv) within 10' of a stream or standing water body; or (v) within 50' of a private well. OWNER acknowledges that all vegetable gardens, organic farm fields and wells may not be identifiable by CONTRACTOR.

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

Any container in which a preservative is stored shall be stored in a securely locked container, tool box, or bolted to vehicles on the right-of-way and kept locked when left unattended. Empty preservative containers shall be removed from the right-of-way and kept in a locked compartment until disposal. Disposal of preservatives and their containers shall be in accordance with the product label as well as the rules and regulations of all appropriate federal and state agencies.

- 2.2 Pesticide Licensing and Reporting Requirements:** CONTRACTOR shall be a certified commercial pesticide applicator for the preservative applications specified in this specification, and each crew shall be supervised by a full time Supervisor who is licensed and certified by the state where the work is to be performed. CONTRACTOR shall be responsible for the accurate recording and submittal of all pesticide usage forms required at the time of application by the various pesticide regulatory agencies and for meeting all applicable federal and state rules and regulations.

CONTRACTOR is required to have in its possession copies of the preservative labels and Material Safety Data Sheets ("MSDS") for all pesticides being used. Upon request, the MSDS and labels will be shown to anyone desiring this information. Properly completed shipping papers will also be carried on each vehicle which is transporting pesticides.

- 2.3 Material Handling:** Accidental releases of preservative shall be immediately cleaned-up in a manner consistent with label requirements and federal and state regulations.

CONTRACTOR shall provide each crew with a recovery kit containing sufficient materials for cleaning-up and neutralizing accidental releases of both paste and liquid preservatives. The recovery kit shall consist of, but not be limited to, the following materials: absorption material (such as sawdust or oil dry), baking soda or laundry detergent, ammonia (undiluted), and trash bags for storage of waste.

- 2.4 Proper Equipment:** CONTRACTOR shall provide each crew with all required PPE as specified by the label, such as goggles, sleeves, non-permeable gloves, and aprons. In addition, hard hats and a change of clothing will be provided. All field employees are required to wear work boots and hard hats.

CONTRACTOR shall provide a truck that has covers and locks adequate to satisfy applicable federal and state DOT regulations in which to store and transport the preservatives.

- 2.5 Pesticide Training:** Each pole inspector and/or Foreman shall be required to pass a pesticide training program which addresses the biology of wood destroying insects and fungi, the proper and safe handling, storage, disposal, and transport of pesticides, product labels, MSDS, and emergency procedures for accidental releases. CONTRACTOR's pesticide training program is to be in addition to state requirements for applicator licensing.

Osmoste Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

2.5.1 Hazard Communication and Safety Program: CONTRACTOR shall provide to its employees with a hazard communication program which addresses the purpose of using pesticides, MSDS and product labels, protective safety equipment, and clothing and product information. A safety manual and program will be utilized by CONTRACTOR and its employees.

3.0 Inspection:

3.1 Preparation: When work is to be done in close proximity to a home, if possible, the property owner should be notified that a pole inspection is being performed by OWNER. Light brush will be removed from around the pole to allow for proper excavation, inspection, and/or treatment unless permission for removal is denied by property owner (excessive brush removal may require an additional charge). Property owner's denial will be indicated in the remarks column on the pole report. If permission for excavation is denied, the pole will be sounded and bored and fumigant treated, providing the pole is serviceable. CONTRACTOR will not inspect or perform work on poles inaccessible by Acts of God or by any causes beyond the control of CONTRACTOR. Reason for the lack of inspection will be noted in the remarks column of the pole report.

3.2 Above-Ground Inspection: A visual inspection of all poles shall be made from groundline to the top of the pole. The following defects visible from the ground with a naked eye will be noted: woodpecker holes, split tops, decayed tops, broken insulators, rotten/broken crossarms, and slack/broken guy wires. If the pole is obviously not suited for continued service due to readily identifiable serious defects, it shall either: (i) not be tested further and simply be reported and marked on the inspection form as a reported reject; or (ii) the pole may be sounded and bored to determine whether or not it is a priority pole and be reported on the inspection form as a sound and bore reject.

Please note that Lodgepole Pines are susceptible to Buprestid Beetle infestation. If upon visual inspection these poles "exit holes" of Buprestid Beetles are identified, the pole will be rejected.

3.3 Partial Excavation: All poles that pass the above ground visual inspection (other than poles defined in Section 1.7.1) shall be partially excavated on one side of the pole to a depth of 18" with a minimum width of 8" (exceptions include poles in pavement, poles with underground power risers, poles in vegetable gardens, poles in organic farm fields, or poles that are otherwise inaccessible; if accessible, these poles will be sound and bore inspected. Poles in vegetable gardens and poles in organic farm fields may be partial excavated at OWNERS option, however these poles shall not be treated with remedial treatments). The pole will be sounded and bored as specified in Sections 3.5 and 3.6 and the pole surface will be checked for signs of external decay.

3.3.1 No Surface Decay: If no surface decay is suspected and the borings indicate no internal decay, the pole shall be treated as specified in Section 5.0.

3.3.2 Surface Decay: If surface decay is suspected, the pole will be fully excavated as specified in Section 3.4 and decay will be removed as specified in Section

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

- 3.7. Evaluation and treating will be performed as specified in Sections 4.0 and 5.0.
- 3.3.3 Extensive Decay:** If extensive decay is present and it is obvious that the pole is a reject as specified in Section 4.2 and does not require treatment as specified in Section 5.2, the pole does not require full excavation.
- 3.3.4 Internal Decay:** For Western Species that are prone to internal decay (i.e. Douglas Fir, Larch, Cedar, Western Pine), the pole will be treated with a fumigant treatment as specified in Section 5.3. If the pole is a Southern Pine Species, it will be fully excavated and evaluated as specified in Section 3.3.2 above.
- 3.3.5 Internal Void:** If an internal void is present and the pole is not a Southern Pine Species, the pole will be treated with a fumigant treatment as specified in Section 5.3 and an internal treatment as specified in Section 5.4 and the partial excavation will be back-filled. If the pole is a Southern Pine Species, it will be fully excavated and evaluated as specified in Section 3.3.2 above.
- 3.4 Full Excavation:** All poles meeting the criteria specified in Sections 3.3.2, 3.3.4, and 3.3.5 shall be excavated around the entire circumference to a depth of 18" below groundline (exceptions include poles in pavement, poles with underground power risers, and poles in vegetable gardens and poles in organic farm fields; these poles will be sound and bore inspected. Poles in vegetable gardens and poles in organic farm fields may be full excavated at OWNER's option, however these poles shall not be treated with remedial treatments). Poles which cannot be excavated to the proper depth around the entire circumference for legitimate reasons (such as large rocks, large roots, or other obstructions) will have the obstruction and the extent of excavation noted in either the remarks or notes section of the pole report. The excavation will be approximately 10" from the pole at ground level and 4" from the pole at the 18" depth. For excavation in lawns, sod grass areas, or flower gardens, care will be taken to keep the surrounding area as clean as possible. The sod around pole shall be carefully cut and neatly stacked. Poles installed on slopes shall be excavated to a minimum depth of 18" on the down slope side and 18" on the high side. Tarpaulins or ground cloths shall be used whenever possible to minimize the possibility of any property damage and to aide in the tracking of excavated holes (exceptions should be rare, and would include situations where the slope is too steep or the ground surface too uneven to allow for effective use).
- 3.5 Sounding:** Poles shall be sounded from as high as the inspector can reach to the exposed groundline area in order to locate interior pockets of decay. Hammer marks should be visible to indicate that the area was sounded.
- 3.6 Boring:** Inspector shall bore the pole with a 7/8" bit (3/8" bits are used for internal treatment, reject/restoration evaluation, and poles unable to be fumigant treated). Bore hole(s) shall be located at groundline and should be drilled at a 45° angle to a depth of the center line of the pole (refer to Section 5.3 for the placement of borings). A shell thickness indicator shall be used to detect the existence and estimated extent of any

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

interior decay.

If enclosed decay pockets are evident in a pole, a minimum of four, 3/8" borings will be taken to determine the size and extent of decay. Bored holes shall be plugged with tight-fitting treated wood dowels or plastic plugs.

- 3.7 **Chipping:** All poles that will be externally treated will have all loose and decayed wood removed from 18" below groundline to 6" above groundline. A quality chipping tool will be used for this procedure to obtain a smooth, clean removal of wood. External decay pockets will be shaved or chipped to remove decayed wood from the pole. Removed wood shall be removed from the hole and surrounding ground and disposed of properly. Care should be taken not to remove good wood as this will reduce the strength of the pole. The pole will be scraped using a check scraper or wire brush to remove dirt from treatment zone.

4.0 **Evaluation:**

- 4.1 **Determining Remaining Groundline Strength or Minimum Groundline Circumference:** Measurements of the following decay and damage conditions shall be collected and input into a strength calculating program which will calculate the remaining strength of the pole: shell rot, exposed pockets, enclosed pockets, and mechanical damage.

Decay measurements are entered with consideration for the orientation to the line of lead and the program models the resulting cross section. Multiple types of damage are combined within the calculations and the center of gravity of the pole cross section is adjusted accordingly.

The output is shown as the estimated Percent Remaining Strength and Percent Required Strength. The required strength for a pole corresponds to the estimated load. The remaining strength is compared to the required strength to determine whether the pole still meets code strength requirements. The traditional Groundline Effective Circumference will be reported as well. This is the circumference of a smaller, sound pole that approximates the bending capacity equivalent to the decayed pole's remaining strength. The strength calculating program will only display percentages of remaining strength for excavated poles (minimum requirements are one, 18" deep by 8" wide excavations). An estimated Groundline Effective Circumference is the only reported value for poles which are not excavated to minimum requirements.

A "Reject Pole" is:

- Any excavated pole with a remaining strength of 67% or less
- Any pole having a minimum average shell thickness of less than 2" (for distribution poles) or 3" (for transmission poles)

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

Non-excavated poles will be rejected based on the reject criteria in Table 1 or other criteria approved in writing by OWNER. Groundline Effective Circumferences for non-excavated poles are estimates of true pole condition based on the limitations of the inspection method.

A "Priority Pole" is:

- A pole with an effective circumference of less than 50% of its original circumference and/or 13% or less remaining original strength and shall be reported to OWNER's representative as specified by OWNER in writing (if OWNER opts to specify alternative criteria, it must be specified in writing to CONTRACTOR as specified in Section 1.7.6)
- A pole having an average minimum shell equal to or less than 1" (for distribution poles) or 2" (for transmission poles)

4.2 Determining Reinforceable Candidates: When the initial inspection results in the rejection of a pole, the pole shall be marked for replacement or reinforcement. The following inspections shall be performed to determine if the pole is reinforceable:

- 4.2.1** The pole shall be sounded thoroughly concentrating on the zone 15" to 5' above groundline.
- 4.2.2** A minimum of two, 3/8" diameter borings shall be made at 5' above groundline, to determine the average shell thickness at this level. The first boring shall be made perpendicular to the Line of Lead. A second boring shall be made opposite (180°) the first boring, whenever possible. Additional borings should be made, as necessary, to determine the average shell thickness. If the average shell thickness at 5' above the groundline is 4", the pole can be reinforced provided it meets the criteria specified in Section 4.2.3. If the average is less than the required 4", the pole should be checked at 6' to determine if the required shell thickness exists at 6'. If the average shell thickness at 6' above the groundline is 4", the pole can be reinforced provided it meets the criteria specified in Section 4.2.3.
- 4.2.3** A minimum of two, 3/8" diameter borings shall be made at 15" above groundline, to determine the average shell thickness at this level. The first boring shall be made perpendicular to the Line of Lead. A second boring shall be made opposite (180°) the first boring, whenever possible. Additional borings shall be made, as necessary. If the average shell thickness at 15" is 2" or greater, the pole is a candidate for reinforcement. Poles with less than 2" of average shell, at 15" above groundline, can be reinforced if they have an average shell thickness of 2" or greater at 26" and the requirements specified in Section 4.2.2 are met.
- 4.2.4** If it was necessary to go to 26" or 6' to obtain the required shell thickness, a notation will be made in the pole record.

Osmost Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

4.2.5 All inspection holes shall be plugged with tight-fitting treated wood dowels or plastic plugs.

5.0 Treatment:

5.1 **General:** All fully excavated poles (as specified in Section 3.4) which are serviceable shall be treated as specified in Section 5.2. All non excavated poles (except as defined in Section 1.7.1) and certain excavated poles shall be treated with a fumigant treatment as specified in Section 5.3 (note reinforceable candidates cannot be treated with a fumigant treatment until after the pole has been reinforced). If internal decay is indicated, an appropriate solution shall be selected and applied (as specified in Section 5.4).

5.2 **External Groundline Treatment:** All poles which are fully excavated and serviceable are to be groundline treated with a preservative paste which shall be applied to the pole (a minimum of 1/16" thick) from 18" below groundline to 3" above groundline. Reinforceable candidates will be externally treated. The preservative paste shall be composed of the following ingredients:

Copper 8-Quinolinolate (Metallic Copper Equivalent is 0.05%)	0.30%
Tebuconazole	0.20%
Bifenthrin	0.04%
Sodium Tetraborate Decahydrate	43.70%
Inert Ingredients	55.76%

Alternative materials will require prior approval from OWNER. Alternative materials will be applied at the maximum rate according to the product label. Long-term retention studies should be made available to assure results.

CONTRACTOR shall treat all exposed pockets and checks using a brush or trowel. Where obstructions occur (such as fences, curbs, and walls) the preservative shall be applied up to obstruction to insure complete coverage.

5.2.1 **Wrapping of External Treatment:** A polyethylene-backed kraft paper moisture barrier such as "OsmostShield" is to be applied over the wood preservative. The moisture barrier shall cover preservative to a depth of 18" and extend 1" above the top of treatment zone, for a total of 22". It shall be of sufficient length to go around the pole with an overlap of approximately 4" and shall be stapled to the pole at the top and side seams of the barrier.

Pasture wrap shall also be used in areas of livestock; it will be stapled around the top edge of the moisture barrier to act as an additional protective barrier.

Osrose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

5.3 Fumigant Treatment: Serviceable poles (except as specified in Section 1.7.1) will receive fumigant treatment based on the following criteria:

- Poles that were identified for full excavation according to Section 3.4 which cannot be 75% excavated due to obstructions (i.e. curbs, pole keys, large roots, fences, etc.), and all poles where internal decay is present or suspected and/or where voids of less than 1/2" are present.
- Non-Southern Pine Species Poles that were partial or full excavate inspected according to Sections 3.3.
- Poles that were sound and bore inspected according to Sections 3.3 and/or 3.4 where external decay is present or suspected and/or where internal decay is present or suspected and/or where voids of less than 1/2" are present.

CONTRACTOR shall apply the fumigant treatment to poles using the following treatment/application method:

WOODFUME® (Contains 33% Sodium Methylthiocarbamate)	
Pole Circumference (Inches)	Number of Holes Drilled/Amount Applied
Less than 40	Four holes spaced 90° apart and 6" to 8" higher than the previously bored hole (1 pint shall be applied).
40 to 50	Six holes spaced 60° apart and 6" to 8" higher than the previously bored hole (1½ pints shall be applied).
Greater than 50	Six holes spaced 60° apart and 6" to 8" higher than the previously bored hole. Holes should be 20" deep (apply 1/3 pint of WoodFume to each hole).

CONTRACTOR's inspector shall bore 7/8" slanting holes to a minimum of 15" depth, using impermeable gloves to apply 1/4 pint of Woodfume into each hole. For poles larger than 50" in circumference, hole depth is 20" and 1/3 pint of Woodfume shall be applied to each hole. Holes shall be plugged using tight-fitting treated wooden dowels or plastic plugs. For non-excavated poles, the first hole is generally bored at groundline. For excavated poles, the first hole may be bored below groundline.

5.4 Internal Treatment:

5.4.1 Internal Treatment: Internal treatment will be with the following solution:

COP-R-NAP™ Dilute Solution	
Ingredients	Amount
Copper Metal Copper Naphthenate	2%

Poles containing decay pockets of 1/2" or larger shall be treated by pumping

Osrose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

the preservative into the cavity through a series of 3/8" diameter holes. If wood destroying insects are encountered in the pole, the pole will be sounded to locate the top of the insect gallery and enough holes drilled to thoroughly treat the wood and flood the galleries. The solution will be applied at a minimum pressure of 40 PSI. Beginning with the lowest hole, the preservative will be pumped into the cavity until the material flows out of the next highest hole. This hole will then be plugged and additional preservative pumped into the cavity until the cavity is filled or a maximum of one gallon is used. Sufficient holes will be bored and preservative used to assure coverage of the decayed area. All holes will be plugged with tight-fitting treated wood dowels or plastic plugs.

- 5.4.2 Internal Treatment for Wood Destroying Insects:** At OWNER's option, poles containing signs of wood destroying insects shall be treated with the following solution:

Copper Metal Copper Naphthenate	2%
Cypermethrin (Field Mixed with the Copper Metal)	0.25%

Poles containing signs of wood destroying insects shall be treated by pumping the preservative(s) into the cavity through a series of 3/8" diameter holes. The solution will be applied at a minimum pressure of 40 PSI. Beginning with the lowest hole, the preservative will be pumped into the cavity until the material flows out of the next highest hole. This hole will then be plugged and additional preservative pumped into the cavity until the cavity is filled or a maximum of one gallon is used. Sufficient holes will be bored and preservative used to assure coverage of the decayed area. All holes will be plugged with tight-fitting treated wood dowels or plastic plugs. The pole will be sounded to locate the top of the insect gallery and enough holes drilled to thoroughly treat the wood and flood the galleries.

6.0 Restoration of Work Site:

- 6.1 Back-Filling:** After excavation and/or treatment, all poles will be solidly back-filled. The first half of the excavation will be back-filled and tamped completely around the pole by walking on the replaced excavation; the second half will be back-filled and tamped completely around the pole. The excess earth should be banked up to a maximum of 3" above normal ground level to allow for settlement. In grass areas, the sod shall be carefully placed around the pole. Rocks or stones should not be laid against the pole except where they serve to key the pole or where no other fill is available. Extreme care should be taken not to tear the moisture barrier while back-filling.
- 6.2 Clean-Up:** No debris, loose dirt, etc. is to be left in the pole area. Private property turf, including that between the curb and the sidewalk, bushes, plants, and shrubbery are to be replaced with care. If any preservative is released on the ground, it shall be immediately

Osmose Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS

cleaned-up. All containers shall be disposed of in accordance with the product label.

- 7.0 **Pole Marking (Tagging)**: All inspected poles shall be marked with a weather proof tag identifying the work performed, CONTRACTOR's name, and the year of inspection in a fashion similar to the designations shown in the following drawings. The tagging scheme used by CONTRACTOR must be shown to OWNER's representative and approved before it is used.

Tags shall be supplied by CONTRACTOR and placed 5' to 6' above groundline on the road side of the pole, below the utility pole identification marker. If inspecting or treating a pole that has previously been inspected or treated, the tag will be attached directly below the existing tag(s).

The following are illustrations of the various types of "tags" used and an explanation as to when they are used. It is important that the proper tag be used on every pole that is inspected.



This round tag represents an inspection via a full 18" excavation and treatment with an approved paste. The tag shows CONTRACTOR's name and the actual year the work is performed.



This oval tag is to be used whenever a sound and bore or partial excavate inspection takes place. The tag shows CONTRACTOR's name and the actual year the work is performed.



This tag is used whenever internal treatment is injected into a pole. This tag will be used in conjunction with one or more of the above tags depending on the type of inspection performed.

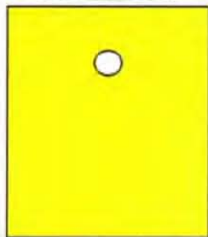
Osmose Utilities Services, Inc.

EXHIBIT A

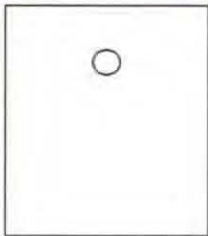
IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS



This tag is an example of a fumigant treatment tag. This tag shall be used whenever Woodfume is applied to a pole. This tag will be used in conjunction with one of the above tags depending on the type of inspection performed.



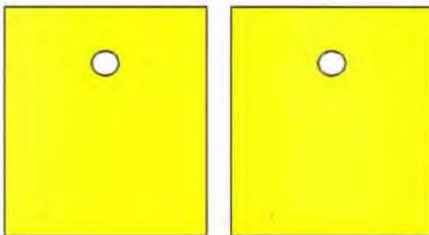
One yellow reject tag is used to denote that the pole is a reinforceable reject.



One white tag may be used to denote that the pole is a non-reinforceable reject.



One silver tag may also be used to denote that the pole is a non-reinforceable reject.

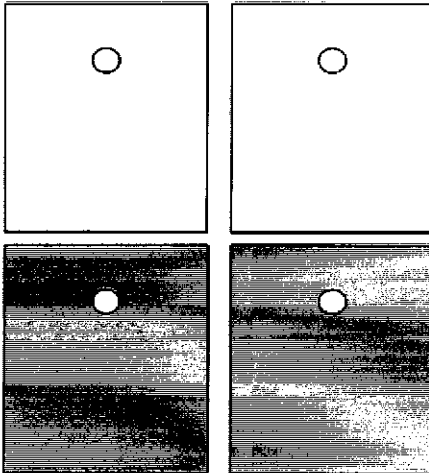


Two yellow tags are used to denote a danger or priority pole that is reinforceable.

Osmoste Utilities Services, Inc.

EXHIBIT A

IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION- WESTERN SPECIES) AND CONDITION-BASED TREATMENT SPECIFICATIONS



Two white tags **may** be used to denote a priority pole that is non-reinforceable.

Two silver tags **may** also be used to denote a priority pole that is non-reinforceable.

8.0 **CONTRACTOR Information:**

8.1 **CONTRACTOR's Policies:** Documentation of CONTRACTOR's policies for conforming to EPA, OSHA, and DOT regulations can be provided upon request. Examples may include:

- Summary of CONTRACTOR's safety manual
- Summary of CONTRACTOR's pesticide training manual and test
- Summary of CONTRACTOR's standards for safe storage of preservatives on vehicles
- Labels and MSDS for all preservatives to be used
- Operating policies for CONTRACTOR's personnel to handle preservatives and disposing of empty containers used for pole treatment
- Summary of OSHA regulations regarding PPE

8.2 **Work Schedule:** CONTRACTOR can also supply, upon request, a schedule outlining the number of crews proposed to complete work along with start dates and completion dates.

9.0 **Invoicing:** CONTRACTOR shall furnish OWNER with invoicing on a weekly basis. This invoicing practice is based on work performed weekly and will include the actual data and invoices with itemized billable items. Invoices shall be paid in accordance with the contract executed by the parties. In the event payment is not referenced in the contract, OWNER shall pay CONTRACTOR upon Net 30 day terms from the date of the invoice. A service charge of 1½% per month will be added to all invoices not paid within 30 days of the invoice date.

Osmose Utilities Services, Inc.

EXHIBIT A

**IN-SERVICE WOOD POLE INSPECTION (PARTIAL EXCAVATION-
WESTERN SPECIES) AND CONDITION-BASED TREATMENT
SPECIFICATIONS**

**TABLE 1
MINIMUM GROUNDLINE EFFECTIVE CIRCUMFERENCE
(MEASURED AT POINT OF MAXIMUM DECAY)**

24	21
25	21.75
26	22.75
27	23.50
28	24.50
29	25.25
30	26.25
31	27
32	28
33	28.75
34	29.75
35	30.50
36	31.50
37	32.25
38	33.25
39	34
40	35
41	35.75
42	36.75
43	37.50
44	38.50
45	39.25
46	40
47	41
48	41.75
49	42.75
50	43.50
51	44.50
52	45.25
53	46.25
54	47
55	48
56	48.75
57	49.75
58	50.50
59	51.50
60	52.25

PlastiPlug™ Inspection & Treatment Plugs

PlastiPlugs are injection molded and made from a high-density polyethylene, a compound selected for its high resistance to chemical exposure and ultra-violet light degradation.

PlastiPlug 7/16" Inspection Plug



The tapered design of this 7/16" plug features a ridge around the body, intended to reduce the tendency for plugs to back out of holes due to the seasonal shrinking and swelling of wood. However, should the need arise, these plugs can be easily drilled out using the drill-pocket as a guide.

- Long-lasting: UV and chemical resistant
- Easily installed and re-bored
- Grip-tight ridges prevent plug from backing out
- 5,000 plugs per carton

PlastiPlug 5/8" Diffusible Rod Plug



The unique design of this 5/8" plug allows users to easily install the plug and easily remove it during recycle work and quality control inspections. Plug removal requires a standard T-55 Star Socket wrench.

- Long-lasting: UV and chemical resistant
- Easily installed and re-installed
- Grip-tight ridges prevent plug from backing out
- 1,500 plugs per carton, available in black or yellow

PlastiPlug 15/16" X 2" Fumigant Plug



The unique design of this fumigant plug allows users to easily install the plug and easily remove it during recycle work and quality control inspections. Plug removal requires a standard T-60 Star Socket wrench. The plug measures 15/16" in diameter and 2" in length.

- Long-lasting: UV and chemical resistant
- Easily installed
- Easily removed and re-installed
- 500 plugs per carton, available in black or yellow

Quality Tested & Assured

Ongoing field tests have demonstrated that PlastiPlug Rod and Fumigant Plugs maintain durability, retain original shape, and can be repeatedly removed and reinstalled to effectively seal treatment holes.



For more information on PlastiPlugs or to place an order, call 716.319.3420 or email products@osmose.com.

Osmose®

TM

COP-R-NAP

Copper Naphthenate (2% copper as metal)

RTU SOLUTION

COPPER FUNGICIDE - INSECTICIDE FOR WOOD PREVENTS WOOD DECAY - TERMITES, MILDEW

INCLUDING POLES AND POLETOPS, BORE HOLES, POSTS, BEAMS, LUMBER, BRIDGE AND MINE TIMBERS AND PILING

For Exterior Use Only

ACTIVE INGREDIENT:

Copper naphthenate* 19.25%

INERT INGREDIENT: 80.75%

TOTAL 100.00%

*Equivalent to 2% metallic copper

CONTAINS PETROLEUM DISTILLATES

IF SWALLOWED KEEP OUT OF REACH OF CHILDREN

WARNING - COMBUSTIBLE

See other precautionary statements on side panel.

FIRST AID PROCEDURE

Drink promptly a large quantity of milk, egg whites, gelatin mixture or, if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting as it may cause respiration pneumonia. Wash thoroughly with plenty of soap and water. Get medical attention.

Hold eyes open and flush with steady, gentle stream of water for 15 minutes.

EST. NO. 3008-NY-1

Distributed by:

Osmose, Inc.

980 Ellicott Street

Buffalo, NY 14209

EPA REG. NO. 3008-74

NET CONTENTS: 5 Gallons (Product weight 6.8 lbs. per gallon.)

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Causes skin irritation. Do not get in eyes, on skin or on clothing. Harmful if swallowed or absorbed in thoroughly with soap and water after handling. Remove contaminated clothing and wash before frequently repeated skin contact may cause allergic reactions in some individuals. Do not breathe brush, roll, spray or dip applications. Wear a NIOSH/MSHA-approved mist/vapor respirator when used or prolonged use of this product or for frequent use of this product.

In emergencies, or accidents involving this product, call Chem-Trec at 1-800-424-9300.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas of water mark. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS

Use only with label. Do not use, pour, spill or store near heat or open flame. Use only with label. Close container after each use.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Wood Preservation: For the control of fungal rot and decay, mold and mildew, moss, termites (including termites) and other wood destroying insects in wood products.

APPLICATION SITE

COP-R-NAP is only intended for use on exterior wood. Do not apply to food or feed contact surfaces. Do not drink water with treated articles. COP-R-NAP Wood Preservative provides protection against moisture on any natural wood surface. This copper naphthenate wood preservative and insecticide will preserve, protect wood surfaces that will be in contact with soil, water or concrete.

The copper fungicide gives a green cast to COP-R-NAP Wood Preservative. This product is not intended to stain. The green color will fade within a few months when exposed to sunlight. Oil or alkylid stains or paint over COP-R-NAP Preservative after overnight dry but the green may bleed through lighter colors. Do not use COP-R-NAP Wood Preservative with latex paint or clear finishes until thoroughly cured (6 to 12 months).

Application of this product may produce a strong, lingering unpleasant odor.

PREPARATION

Wood should be clean, dry and seasoned.

APPLICATION

COP-R-NAP Wood Preservative should be applied liberally by brush, roller, spray, total immersion, surface internal injection under pressure for the prevention and control of fungal decay organisms.

Dipping - Wood should be dipped for 3 to 30 minutes per inch of thickness. Fence posts, piles, poles, four and heavy wooden members should be free of bark, dry, and well seasoned and immersed in the product to 48 hours to be an effective wood preserver.

Internal Treatment - To internally treat previously treated utility poles or other foundation timbers apply CO solution to interior cavity of wood structure through prepared openings using air or mechanical pressure per gallon or to refusal.

Use one coat on materials to be finished with paint or stain. If no finish is to be used, apply two liberal coats per hour. Thoroughly cover ends. The more preservative absorbed by the wood, the longer and more effective clean painting equipment with mineral spirits for quick clean up.

Coverage: One gallon will treat approximately 200-300 square feet.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store at temperature between 0°F and 120°F. If the product has been spilled or is leaking, recover the spill or leak. Recover free liquid. Spread absorbent, then pick up and place in containers. Then, wash area with detergent and water. Store product in the original container only. Keep container closed and label intact.

PESTICIDE DISPOSAL: Wastes resulting from use of this product should be disposed of according to state regulations. Do not contaminate water, food, or feed by storage and disposal.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture in a sanitary landfill, or by other procedures approved by state and local authorities.

Osmose MATERIAL SAFETY DATA SHEET

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and will travel along the ground and may be potentially ignited by independent heat or ignition source located distant from the material. Unopened containers may explode if heat from an independent fuel source, such as a fire, is not controlled. See Section IX.

SECTION V - REACTIVITY DATA

IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE (Y/N)? Y
CONDITIONS TO AVOID (REGARDING Strong acid, and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂, Cu fumes, sulfur fumes.
HAZARDOUS POLYMERIZATION POSSIBLE (Y/N)? N
CONDITIONS TO AVOID (REGARDING POLYMERIZATION): N/A

SECTION VI - HEALTH HAZARDS

ROUTES OF ENTRY: Eyes, skin, inhalation.

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE: Eyes/Skin - irritation; Inhalation - can cause nasal and respiratory irritation, dizziness, fatigue, headache, unconsciousness, and even asphyxiation. May be harmful if swallowed. Oral exposure can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Aspiration of the material into the lungs can cause chemical pneumonitis, which can be fatal.

CHRONIC OVEREXPOSURE: Prolonged or repeated contact with skin can cause moderate irritation, defatting, or dermatitis.
CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?:

- NATIONAL TOXICOLOGY PROGRAM (Y/N): N
- IARC MONOGRAPHS (Y/N): N
- OSHA (Y/N): N

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Unknown



EMERGENCY AND FIRST AID PROCEDURES



EMERGENCY PHONE NUMBER OF MANUFACTURER: CHEMTREC 1(800) 424-9300

- 1. INHALATION:** Move victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep victim warm and quiet. Get medical attention.
- 2. EYE CONTACT:** Flush with large amounts of water, lifting upper and lower lids occasionally. Get medical attention.
- 3. SKIN CONTACT:** Thoroughly wash the exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse.
- 4. INGESTION:** DO NOT INDUCE VOMITING! Aspiration of product into lungs may cause chemical pneumonitis, which can be fatal. Keep victim warm and quiet. Get medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

US DOT SHIPPING DESCRIPTION: Wood preservatives, liquid, 3, UN1306, III*

*According to 49CFR 173.150, this material may be reclassified as a combustible liquid and it can be shipped as a non-hazardous material if the container is under 120 gallons.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut weld, braze, solder, frill, grind or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. They may explode and cause injury or death. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

OTHER PRECAUTIONS: Use product with caution around heat, sparks, pilot lights, static electricity, and open flame. Read label.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Eliminate all sources of ignition (flares, flames, including pilot lights, electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed.

Stop spill at source. Dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, or floor absorbent and shoveled into containers. Prevent run-off to sewers, streams or other bodies of water.

WASTE DISPOSAL METHODS: If waste product has a flash point below 140°F, it must be treated as a RCRA hazardous waste "ignitable". Such waste must be disposed at an approved hazardous waste TSD facility. Potential disposal methods include incineration and land disposal, if permitted by the facility in question. Dispose in accordance with Federal, State, and local laws.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Normally not needed. If TLV of any component is exceeded, a NIOSH/MSHA self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure modes is advised. Contact industrial hygienist.

VENTILATION REQUIREMENTS: Provide sufficient mechanical (general) and/or local exhaust ventilation to maintain exposure below TLVs.

LOCAL EXHAUST: Normally sufficient.

MECHANICAL: In enclosed spaces.

Osmose MATERIAL SAFETY DATA SHEET

PROTECTIVE GLOVES: Petroleum resistant such as Neoprene.

EYE PROTECTION: Chemical goggles in compliance with OSHA regulations are advised; however, OSHA regulations also permit other types of safety glasses.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use chemical-resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

WORK/HYGIENIC PRACTICES: Minimize breathing vapor, mist or fumes. Avoid prolonged or repeated contact with skin. Remove contaminated clothing; launder or dry clean before reuse. Remove contaminated shoes and thoroughly clean before reuse. Wash thoroughly after contact, before breaks and meals, and at end of the day.

SECTION IX - REGULATORY INFORMATION:

CALIFORNIA PROPOSITION 65: This material may contain the following chemicals which are known to the State of California to cause cancer or birth defects and are subject to the requirements of California Proposition 65:

Benzene (71-43-2)	Cancer
Toluene (108-88-3)	Birth Defects

SARA/TITLE III ;SECTION 312 - HAZARD CATEGORIES:

Immediate (Acute) Health: Yes **Reactive Hazard:** No
Delayed (Chronic) Health: No **Sudden Release of Pressure:** No
Fire Hazard: Yes

SECTION 302:

N/A

SECTION 304:

N/A

SECTION 311 & 312:

Report if inventory exceeds 10,000 pounds on any give day.

SECTION 313:

This product contains COPPER NAPHTHENATE, A COPPER COMPOUND, which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments Reauthorization Act of 1986 (SARA) and 40 CFR Part 372.

N/A = Not Applicable

NOTICE: The information herein is given in good faith but no warranty, expressed or implied, is made, and Osmose, Inc. expressly disclaims liability from reliance on such information.

Information on this form is furnished for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

Osmose MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET: COP-R-NAP RTU SOLUTION

SECTION I

MSDS NUMBER:	31-Osm
MSDS CODE:	Osm
SYNONYMS:	N/A
MANUFACTURED BY:	Osmose, Inc.
DIVISION:	Utilities Division
EPA REGISTRATION NUMBER:	3008-74
VENDOR:	N/A
EMERGENCY PHONE:	CHEMTREC: 1(800) 424-9300
OTHER CALLS:	(716) 882-5905
ADDRESS:	980 Ellicott Street, Buffalo, NY 14209
MSDS PREPARED BY:	Teri Muchow
DATE PREPARED:	November 25, 1998
DATE LAST REVISED:	July 12, 2000

★ADDITIONAL INFORMATION★

CHEMTREC'S EMERGENCY TELEPHONE NUMBER IS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TRADE NAME: COP-R-NAP RTU	CAS	OSHA PEL	ACGIH TLV	OTHER	%
Copper Naphthenate (equivalent to 2% copper as metal)	1338-02-9	1.0 mg/M ³ as Cu	1.0 mg/M ³ as Cu	N/A	19.00
Petroleum Distillate	68476-30-2	500 ppm	300 ppm	N/A	81.00

SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H ₂ O = 1)	PERCENT VOLATILE BY VOLUME	THEORETICAL VOC CONTENT (PERCENT OF WEIGHT)
315°-385°F	N/A	Unavailable	0.82	86%	81%
WEIGHT PER GALLON	pH:	VAPOR PRESSURE	VAPOR DENSITY	DENSITY	EVAPORATION RATE BASIS (Ether) = 1
6.8 LB/gal	N/A	2.6 mm Hg/20°C	Heavier than air	N/A	< 1
SOLUBILITY IN WATER: Nil		REACTIVITY IN WATER: N/A			
APPEARANCE AND ODOR: Green color, petroleum odor.					

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	METHOD	FLAMMABLE LIMITS IN AIR (%)	AUTOIGNITION TEMPERATURE		
> 140°F	COC	N/A	N/A		
NFPA CODES	HEALTH	2	HMIS CODES:	HEALTH	2
	FLAMMABILITY	2		FLAMMABILITY	2
	REACTIVITY	0		REACTIVITY	0
	OTHER	N/A		PROTECTION	B
EXTINGUISHER MEDIA: Foam, water spray (fog), dry chemical, carbon dioxide and vaporizing liquid type extinguishing agents may all be suitable for extinguishing fires involving this type of product, depending on size or potential size of fire and circumstances related to the situation. Plan fire protection and response strategy through consultation with local fire protection authorities or appropriate specialists.					

SPECIAL FIRE FIGHTING PROCEDURES: Toxic vapors given off during combustion. Use proper protection equipment such as a self-contained breathing apparatus. If leak or spill has not ignited, use water spray to disperse the vapors and to provide protection for men attempting to stop a leak. Water spray may be used to flush spills away from exposures. Minimize breathing gases, vapor, fumes or decomposition products. Sealed containers of product should be cooled with water to avoid potential explosion.

Osmose MATERIAL SAFETY DATA SHEET

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

N/A		N/A		N/A		N/A	
NFPA CODES	HEALTH	1	HMIS CODES:	HEALTH	1		
	FLAMMABILITY	0		FLAMMABILITY	0		
	REACTIVITY	0		REACTIVITY	0		
	OTHER	N/A		PROTECTION	B		
EXTINGUISHER MEDIA:		Foam, carbon dioxide, water spray, and dry chemical.					

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes from combustion/decomposition products. Cool fire-exposed containers with water spray.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

SECTION V - REACTIVITY DATA

IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE (Y/N)? Y

CONDITIONS TO AVOID (REGARDING STABILITY): None known.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong reducing agents such as metal hydrides or alkali metals; Strong oxidizers such as chromium trioxide, potassium chlorate or potassium permanganate.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce CO, CO₂, oxides of nitrogen and other potentially toxic gases.

HAZARDOUS POLYMERIZATION POSSIBLE (Y/N)? N

CONDITIONS TO AVOID (REGARDING POLYMERIZATION): N/A

SECTION VI - HEALTH HAZARDS

ROUTES OF ENTRY: Skin contact and eye contact.

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE: Harmful if swallowed or absorbed through skin. May cause redness or peeling of skin. Causes moderate eye irritation. Ingestion may cause gastrointestinal symptoms, including nausea, vomiting and diarrhea.

CHRONIC OVEREXPOSURE: Chronic overexposure to ingredients in this product has shown to have an adverse effect on the spleen, liver and kidneys.

CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?:

- NATIONAL TOXICOLOGY PROGRAM (Y/N): N
- IARC MONOGRAPHS (Y/N): N
- OSHA (Y/N): N

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known

ACUTE AND CHRONIC TOXICITY:

- Acute Oral LD50: > 5,000 mg/kg (rat)
- Acute Dermal LD50: > 5,000 mg/kg (rat)
- Eye Effects: Mildly irritating (rabbit)
- Skin Effects: Slightly irritating (rabbit)
- Dermal Sensitization (Guinea pig): Not a sensitizer



EMERGENCY AND FIRST AID PROCEDURES



① **EMERGENCY PHONE NUMBER OF MANUFACTURER:** CHEMTREC 1(800) 424-9300

If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice if symptoms persist.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.

NOTES TO PHYSICIAN: No specific antidote is available. Treat poisoning victims symptomatically.

Osmose MATERIAL SAFETY DATA SHEET

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

US SHIPPING DESCRIPTION: Not Regulated

IMDG SHIPPING DESCRIPTION: UN3082, Environmentally hazardous substance, liquid, n.o.s. (Tebuconazole, Copper-8 Quinolinate), 9, III, Marine Pollutant

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Wash thoroughly after handling. Reseal containers immediately after use. Store away from food and beverages.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilize protective clothing. Spill should be taken up mechanically and placed in appropriate containers. Wash down spill area with water. Collect wash water for approved disposal.

WASTE DISPOSAL METHODS: Follow container label instructions for disposal of wastes generated during use in compliance with the FIFRA product label. Do not reuse container.

CONTAINER DISPOSAL: Do not use container in connection with food, feed or drinking water. Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay of out smoke.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: Respirator should not be necessary under normal use conditions.

VENTILATION REQUIREMENTS: Use local and general exhaust ventilation in order to control levels of exposure to this product.

PROTECTIVE GLOVES: Rubber or nitrile gloves.

EYE PROTECTION: Safety glasses with side shields, chemical safety goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Protective clothing as necessary in order to prevent any skin contact with this product. Educate and train employees on the safe use and handling of this product.

WORK/HYGIENIC PRACTICES: As with all chemicals, avoid getting the product on you or in you. Wash hands after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Employees should wash their hands and face before eating, drinking, or using tobacco products.

NOTE: For additional control measures, refer to the MSDSs of all products used in conjunction with this product. If the use of another product requires a higher level of protective equipment, then the PPE requirements of that product should be followed.

SECTION IX - REGULATORY INFORMATION:

SARA/TITLE III :SECTION 312 - HAZARD CATEGORIES:

Immediate (Acute) Health: Yes **Reactive Hazard: No**
Delayed (Chronic) Health: Yes **Sudden Release of Pressure: No**
Fire Hazard: No

SECTION 302:

N/A

SECTION 304:

N/A

SECTION 311 & 312:

Storage of this product in excess of threshold levels will subject you to reporting under Section 311 and 312 of SARA. Under Section 311 you are required to submit material safety data sheets to your Local Emergency Planning Committee (LEPC), your State Emergency Response Commission (SERC) and your local fire department. Under Section 312 you are required to submit a Tier I or II Inventory Form to your LEPC, SERC and local fire department by March 1st of each year.

SECTION 313:

The following listed ingredients in this product are SARA 313 listed toxic chemicals and are subject to Toxics Release Inventory reporting:

N-Methylpyrrolidone, CAS #872-50-4

Bifenthrin, CAS #82657-04-3



































Copper-8 Quinolinate, CAS #10380-28-6 (Copper Compound Category)

CALIFORNIA PROPOSITION 65 – N-Methylpyrrolidone is on the California Proposition 65 list of chemicals known to the State to cause reproductive toxicity. N-Methylpyrrolidone is present in the formulation at 0.1%.

The Attapulgite clay in this product contains crystalline silica. Attapulgite clay is present in the formulation at 6.5%. Crystalline silica may be present at levels of 0.065% to 0.65%. The State of California requires products containing crystalline silica to be label with the following statement: "Airborne particles of respirable size of crystalline silica are known to the State of California to cause cancer."

Osmose MATERIAL SAFETY DATA SHEET

**HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS)
PERSONAL PROTECTION INDEX**

A 	H  +  +  + 
B  + 	I  +  + 
C  +  + 	J  +  +  + 
D  +  + 	K  +  +  + 
E  +  + 	X Ask your supervisor for guidance
F  +  +  + 	
G  +  - 	

N/A = Not Applicable

NOTICE: The Information herein is given in good faith but no warranty, expressed or implied, is made, and Osmose, Inc. expressly disclaims liability from reliance on such information. Information on this form is furnished for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed, or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)
Applicators and other handlers should wear eye protection, such as goggles or face shield, and rubber or nitrile gloves. Protective clothing must be changed when it shows signs of contamination. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

PESTICIDE STORAGE: Store product in original container only. Keep container closed when not in use.

PESTICIDE DISPOSAL:
Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these pesticides cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

BATCH NO: _____

**MP400-EXT
Not For Household Use.**

Active Ingredients:

- Copper 8-quinolinolate*0.30%
- Tebuconazole..... 0.20%
- Bifenthrin.....0.04%
- Sodium Tetraborate Decahydrate.....43.70%
- Inert Ingredients:55.76%
- Total: 100.00%

*Metallic Copper Equivalent: 0.05%
Patent pending, all rights reserved.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. • If swallowed, drink plenty of water. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. • If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. • If swallowed, drink plenty of water. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
In case of emergency, call CHEMTREC toll free at 800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents: 5 gallons (18.93 liters)

DESCRIPTION

MP400-EXT is designed for remedial treatment of in-service poles, posts, and other timber members. It may be applied by brush, trowel or pump.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

MP400-EXT must not be applied to poles, posts or timber members in aquatic environments.

EXTERNAL TREATMENT: Apply to a thickness of 1/16" on poles or timber. Typical pole application is from 3" above to 18" below groundline and lower where deeper decay is suspected. Application on poles to be restored should extend the length of wrap-around type repair systems. Wrap the treated area with water-proof bandage, OSMOSHIELD.

Proper use includes the covering of any exposed product above the groundline in areas where children or livestock may come in contact with it. Various products which can be used for this purpose are Osmose's Pasture Wrap or some other type of barrier that prevents the product from being easily removed and consumed.

INTERNAL TREATMENT: For control of internal decay poles and other timbers, holes may be drilled in areas of the poles or timber where protection is required. Fill drilled holes, decay pockets, and voids using a grease gun or other pressurized applicator. Plug application holes with secure-fitting dowels.

EPA Registration No. 75341-14
EPA Establishment No. 3008-NY-1

Distributed by:
Osmose Utilities Services, Inc.
980 Eillicott Street
Buffalo, NY 14209

Osmose MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET: **MP400-EXT™**

SECTION I

MSDS NUMBER:	58-UTL
MSDS CODE:	OSM
SYNONYMS:	N/A
MANUFACTURED FOR:	Osmose Utilities Services, Inc.
EPA REGISTRATION NUMBER:	75341-14
VENDOR:	N/A
EMERGENCY PHONE:	CHEMTREC: 1(800) 424-9300
OTHER CALLS:	716-882-5905
ADDRESS:	980 Ellicott Street, Buffalo NY 14209
MSDS PREPARED BY:	Teri Muchow
DATE PREPARED:	November 21, 2007
DATE LAST REVISED:	November 28, 2012 (replaces October 12, 2010)

*CHEMTREC'S EMERGENCY TELEPHONE NUMBER IS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

HAZARD SUMMARY

CAUTION

Eyes - May cause eye irritation.
 Skin - May be harmful if absorbed through the skin.
 Ingestion - May be harmful if swallowed.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TRADE NAME: MP400-EXT™	CAS	OSHA PEL	ACGIH TLV	OTHER	%
Sodium Tetraborate Decahydrate	1303-96-4	10 mg/m ³ (total dust)	5 mg/m ³	N/A	43.7
Copper-8 Quinolinolate	10380-28-6	1 mg/m ³ Copper dusts & mists as Cu 0.1 mg/m ³ Copper fume as Cu	1 mg/m ³ Copper dusts & mists as Cu 0.2 mg/m ³ Copper fume as Cu	N/A	0.3
Tebuconazole	107534-96-3	N/A	N/A	N/A	0.2
Bifenthrin	82657-04-3	N/A	N/A	N/A	0.04
Glycerin	56-81-5	N/A	N/A	N/A	10.0
Thickeners	Proprietary	N/A	N/A	N/A	5 - 10
Surfactants	Proprietary	N/A	N/A	N/A	1 - 5
N-methyl-2-pyrrolidone	872-50-4	N/A	N/A	N/A	0.1
Water	7732-18-5	N/A	N/A	N/A	35 - 45

SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H ₂ O = 1)	THEORETICAL VOC CONTENT (PERCENT OF WEIGHT)	
N/A	N/A	Not Determined	Approx. 1.28	3.0 g/l (EPA Method 24)	
WEIGHT PER GALLON	pH:	VAPOR PRESSURE	VAPOR DENSITY	DENSITY	EVAPORATION RATE BASIS (N-BUAC) = 1
Approx. 10.7 lbs./gal.	Approx. 9	N/A	N/A	N/A	Not Determined
PERCENT VOLATILE (BY WEIGHT)	VISCOSITY (mm ² /s)	SOLUBILITY IN WATER	REACTIVITY IN WATER	APPEARANCE & ODOR	
Not Determined	N/A	Slightly Soluble	N/A	Brownish green paste, faint organic odor.	

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Harmful if swallowed, or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling, before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Applicators and other handlers should wear eye protection, such as goggles or face shield, and rubber or nitrile gloves. Protective clothing must be changed when it shows signs of contamination. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal or cleaning of equipment.

PESTICIDE STORAGE: Store product in original container only. Keep container closed when not in use.

PESTICIDE DISPOSAL:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these pesticides cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse (or equivalent). Offer for recycling, if available or puncture and dispose of in a sanitary landfill, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

BATCH NO: _____

MP400-EXT is a trademark of Osmose Utilities Services, Inc.

MP400-EXT

Not For Household Use.

Active Ingredients:

- Copper 8-quinolinolate*.....0.30%
- Tebuconazole.....0.20%
- Bifenthrin.....0.04%
- Sodium Tetraborate Decahydrate.....43.70%
- Inert Ingredients:.....55.76%
- Total:.....100.00%

*Metallic Copper Equivalent: 0.05%
Patent pending, all rights reserved.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. • Take out contact lenses immediately with plenty of water. • Rinse skin if needed. Wash thoroughly with water for 5-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person. • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
In case of emergency, call CHEMTREC toll free at 800-424-9300. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

SEE LEFT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents: 5 gallons (18.93 liters)

DESCRIPTION

MP400-EXT is designed for remedial treatment of in-service poles, posts, and other timber members. It may be applied by brush, trowel or pump.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

MP400-EXT must not be applied to poles, posts or timber members in aquatic environments.

EXTERNAL TREATMENT: Apply to a thickness of 1/16" on poles or timber. Typical pole application is from 3" above to 18" below groundline and lower where deeper decay is suspected. Application on poles to be restored should extend the length of wrap-around type repair systems. Wrap the treated area with water-proof bandage, OSMOSHIELD.

Proper use includes the covering of any exposed product above the groundline in areas where children or livestock may come in contact with it. Various products which can be used for this purpose are Osmose's Pasture Wrap or some other type of barrier which prevents the product from being easily removed and consumed.

INTERNAL TREATMENT: For control of internal decay, poles and other timbers, holes may be drilled in areas of the poles or timber where protection is required. Fill drilled holes, decay pockets, and voids using a grease gun or other pressurized applicator. Plug application holes with secure-fitting dowels.

EPA Registration No. 75341-14
EPA Establishment No. 3008-NY-1

Distributed by:

Osmose Utilities Services, Inc.
980 Ellcott Street
Buffalo, NY 14209

Osmose MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET: **MP400-EXT™**

SECTION I

MSDS NUMBER:	58-UTL
MSDS CODE:	OSM
SYNONYMS:	N/A
MANUFACTURED FOR:	Osmose Utilities Services, Inc.
EPA REGISTRATION NUMBER:	75341-14
VENDOR:	N/A
EMERGENCY PHONE:	CHEMTREC: 1(800) 424-9300
OTHER CALLS:	716-882-5905
ADDRESS:	980 Ellicott Street, Buffalo NY 14209
MSDS PREPARED BY:	Teri Muchow
DATE PREPARED:	November 21, 2007
DATE LAST REVISED:	November 28, 2012 (replaces October 12, 2010)

*CHEMTREC'S EMERGENCY TELEPHONE NUMBER IS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

HAZARD SUMMARY

CAUTION

- Eyes - May cause eye irritation.
- Skin - May be harmful if absorbed through the skin.
- Ingestion - May be harmful if swallowed.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TRADE NAME: MP400-EXT™	CAS	OSHA PEL	ACGIH TLV	OTHER	%
Sodium Tetraborate Decahydrate	1303-96-4	10 mg/m ³ (total dust)	5 mg/m ³	N/A	43.7
Copper-8 Quinolinolate	10380-28-6	1 mg/m ³ Copper dusts & mists as Cu 0.1 mg/m ³ Copper fume as Cu	1 mg/m ³ Copper dusts & mists as Cu 0.2 mg/m ³ Copper fume as Cu	N/A	0.3
Tebuconazole	107534-96-3	N/A	N/A	N/A	0.2
Bifenthrin	82657-04-3	N/A	N/A	N/A	0.04
Glycerin	56-81-5	N/A	N/A	N/A	10.0
Thickeners	Proprietary	N/A	N/A	N/A	5 - 10
Surfactants	Proprietary	N/A	N/A	N/A	1 - 5
N-methyl-2-pyrrolidone	872-50-4	N/A	N/A	N/A	0.1
Water	7732-18-5	N/A	N/A	N/A	35 - 45

SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H ₂ O = 1)	THEORETICAL VOC CONTENT (PERCENT OF WEIGHT)	
N/A	N/A	Not Determined	Approx. 1.28	3.0 g/l (EPA Method 24)	
WEIGHT PER GALLON	pH:	VAPOR PRESSURE	VAPOR DENSITY	DENSITY	EVAPORATION RATE BASIS (N-BUAC) = 1
Approx. 10.7 lbs./gal.	Approx. 9	N/A	N/A	N/A	Not Determined
PERCENT VOLATILE (BY WEIGHT)	VISCOSITY (mm ² /s)	SOLUBILITY IN WATER	REACTIVITY IN WATER	APPEARANCE & ODOR	
Not Determined	N/A	Slightly Soluble	N/A	Brownish green paste, faint organic odor.	

Osmose®

WOODFUME®

A Fumigant for Controlling Decay
and Insects in Wood Poles

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

irresistible eye damage and skin burns. May be fatal if absorbed through the skin or inhaled. Prolonged or frequent skin contact may cause allergic reactions in sensitive individuals. Do not breathe vapor or spray mist. Wash thoroughly with soap and water after handling, and before eating, smoking or using hand tools. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

WOODFUME is a fumigant solution. When used as directed, it will arrest internal decay present in wood poles, piling and similar large timber members. During sterilization of the treated area, a fungitoxic residue is deposited in the cells of the wood. This residue is effective for an indefinite period. Timber known to have internal decay should be scheduled for treatment before they have decayed to the point where replacement is necessary.

STORAGE AND DISPOSAL

WOODFUME is a fumigant solution. When used as directed, it will arrest internal decay present in wood poles, piling and similar large timber members. During sterilization of the treated area, a fungitoxic residue is deposited in the cells of the wood. This residue is effective for an indefinite period. Timber known to have internal decay should be scheduled for treatment before they have decayed to the point where replacement is necessary.

pesticide wastes are acutely hazardous. Improper disposal of excess pesticide wastes is a violation of Federal law. If these wastes cannot be disposed of in accordance with the label instructions, contact your State Pesticide or environmental control agency for assistance. Do not reuse or refill this container. Triple rinse with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions on label. Do not store in unmarked containers. Keep container closed when not in use.

USE PRECAUTIONS

BEFORE USING. Apply this product only as specified on this label. Keep away from children and pets. Do not store near feed or food. Keep container tightly closed. This product is toxic to fish. Apply only as specified on this label.

ACTIVE INGREDIENT: Sodium methylthiocarbamate (Anhydrous).....33.0%
INERT INGREDIENT:.....67.0%
*Contains 3.18 lbs. active ingredient per gallon

TOTAL 100.0%
**KEEP OUT OF REACH OF CHILDREN
DANGER**

READ ENTIRE LABEL FOR PRECAUTIONARY STATEMENTS PRODUCT INFORMATION

WOODFUME is a fumigant solution. When used as directed, it will arrest internal decay present in wood poles, piling and similar large timber members. During sterilization of the treated area, a fungitoxic residue is deposited in the cells of the wood. This residue is effective for an indefinite period. Timber known to have internal decay should be scheduled for treatment before they have decayed to the point where replacement is necessary.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For remedial treatment of wooden poles/timbers:

1. Plug the pre-drilled holes immediately after application;
2. Do not treat structures/beams indoors;
3. Do not drill an application hole through seasoned wood. If the hole intersects a check, void or rot, re-drill the hole farther up the pole to relatively clear wood.

WOODFUME is a fumigant solution. When used as directed, it will arrest internal decay present in wood poles, piling and similar large timber members. During sterilization of the treated area, a fungitoxic residue is deposited in the cells of the wood. This residue is effective for an indefinite period. Timber known to have internal decay should be scheduled for treatment before they have decayed to the point where replacement is necessary.

- Circumference: less than 40" WOODFUME: 1 pint
- Circumference 40" - 50" WOODFUME: 1.5 pints
- Circumference: over 50" WOODFUME: 2 pints

For other types of structural members drill an adequate number of holes, sufficiently spaced and of sufficient dimensions to allow for proper distribution of product. Plug holes with treated wood or plastic plugs, using the precaution of wearing safety goggles or a face shield to avoid splashing any of the liquid into the eyes.

EPA Establishment No.: 3008-NY-1 EPA Registration No. 75341-2

DISTRIBUTED BY
OSMOSE UTILITIES SERVICES, INC.
BUFFALO, NY 14209
NET CONTENTS: 1 gallon

FIRST AID

If on skin or clothing	Take off contaminated clothing. Rinse skin immediately with plenty of water. Call a poison control center or doctor for further instructions.
If in eyes	Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first rinsing. Call a poison control center or doctor for further instructions.
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance. If artificial respiration, preferably by mouth, is needed, call a poison control center or doctor for further instructions. Call a poison control center or doctor for further instructions.
If swallowed	Have a person sip a glass of water if able to do so. Do not induce vomiting unless told to do so by a doctor or poison control center.

Have the product container or label with you when calling a poison control center or going for treatment.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of emetics.

OSMOSE

NOTICE - READ CAREFULLY
OSMOSE OFFERS THIS PRODUCT FOR SALE SUBJECT TO THE FOLLOWING CONDITIONS OF SALE AND WARRANTY. OSMOSE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. OSMOSE DISCLAIMS ALL WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE. OSMOSE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. OSMOSE DISCLAIMS ALL WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.

INHERENT RISKS: The directions for use on this product are believed to follow the manufacturer's recommendations. However, it is impossible to eliminate all risks associated with the use of this product. OSMOSE DISCLAIMS ALL WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE. OSMOSE MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY AND THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE. OSMOSE DISCLAIMS ALL WARRANTIES, INCLUDING MERCHANTABILITY AND FITNESS FOR ANY PARTICULAR PURPOSE.

OSMOSE and WOODFUME are registered trademarks of Osmose, Inc.

Osmose MATERIAL SAFETY DATA SHEET

MATERIAL SAFETY DATA SHEET: **WOODFUME**

SECTION I

MSDS NUMBER:	50-UTL
MSDS CODE:	UTL
SYNONYMS:	Metam Sodium
MANUFACTURED FOR:	Osmose Utilities Services, Inc.
EPA REGISTRATION NUMBER:	75341-2
EMERGENCY PHONE:	CHEMTREC: 1(800) 424-9300
OTHER CALLS:	716-319-3420
ADDRESS:	215 Greencastle Road, Tyrone, GA 30290-2944
MSDS PREPARED BY:	Teri Muchow
DATE PREPARED:	February 6, 2003
DATE LAST REVISED:	June 19, 2014

ADDITIONAL INFORMATION

CHEMTREC'S EMERGENCY TELEPHONE NUMBER IS TO BE USED ONLY IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT INVOLVING CHEMICALS.

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

TRADE NAME: WOODFUME	CAS	OSHA PEL	ACGIH TLV	OTHER	%
INGREDIENT NAME Sodium Methylthiocarbamate (Anhydrous)	137-42-8	N/A	N/A	N/A	33.0

SECTION III - CHEMICAL CHARACTERISTICS

BOILING POINT	MELTING POINT	FREEZING POINT	SPECIFIC GRAVITY (H ₂ O = 1)	PERCENT VOLATILE BY VOLUME	THEORETICAL VOC CONTENT (PERCENT OF WEIGHT)
> 212°F (100°C)	N/A	<0°C (<32°F)	1.15 @ 77°F (25°C)	> 90%	N/A
WEIGHT PER GALLON	pH:	VAPOR PRESSURE	VAPOR DENSITY	DENSITY	EVAPORATION RATE BASIS (N-BUAC) = 1
9.75 lb./gal	10 (neat) 8-9 (100 ppm in water)	Not Available	Not Available	1.15.g/mL @ 25°C	Not Available
SOLUBILITY IN WATER: Completely miscible with water, insoluble in most organic solvents			REACTIVITY IN WATER: N/A		
APPEARANCE AND ODOR: Clear yellow to yellow-green liquid - strong amine sulfur odor.					

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	METHOD	FLAMMABLE LIMITS IN AIR (%)	AUTOIGNITION TEMPERATURE		
> 212°F (100°C)	TCC	Not Available	N/A		
NFPA CODES	HEALTH	2	HMIS CODES:	HEALTH	2
	FLAMMABILITY	1		FLAMMABILITY	1
	REACTIVITY	1		REACTIVITY	1
	OTHER	N/A		PROTECTION	G
EXTINGUISHER MEDIA: Water fog, carbon dioxide, foam and dry chemical					

SPECIAL FIRE FIGHTING PROCEDURES: Not defined as flammable or combustible. However, the product may support combustion under fire conditions and decompose to give off toxic materials. Evacuate nonessential personnel from the fire area. Firefighters should wear full face, self-contained breathing apparatus and impervious protective clothing. Use standard fire fighting techniques to extinguish fires involving this material - use water spray, dry chemicals or carbon dioxide. If not leaking, keep fire-exposed containers cool with a water spray to prevent rupture due to excess of heat. High pressure water hose may spread product from broken containers increasing contamination of fire hazard. Contaminated building, areas, and equipment must not be used until they are properly decontaminated.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N/A

Osmose MATERIAL SAFETY DATA SHEET

SECTION V - REACTIVITY DATA

IS THIS CHEMICAL STABLE UNDER NORMAL CONDITIONS OF HANDLING/STORAGE (Y/N)? Stable greater than 30 days @ 50°C (122°F).

CONDITIONS TO AVOID (REGARDING STABILITY): Stable under normal conditions. Prolonged exposure to air will result in gradual decomposition, to form methyl isothiocyanate (MITC), which is poisonous. In poorly ventilated areas or confined spaces, MITC may reach unsafe levels.

INCOMPATIBILITY (MATERIALS TO AVOID): Corrosive to brass, copper zinc, and aluminum. This product may soften or discolor iron. Steel and stainless steel are the preferred materials of construction for process equipment, storage and shipping containers. The product is not compatible with acidic solutions. If acidified, toxic hydrogen sulfide gas may form. Avoid strong oxidizers and strong acids.

HAZARDOUS DECOMPOSITION PRODUCTS: MITC, Thermal - NOX and SOX. Carbon disulfide and dimethylamine may be generated upon acidification. Thermal degradation may generate vapors of hydrogen sulfide. Contact with fire or strong oxidants may generate oxides of sulfur, nitrogen and carbon.

HAZARDOUS POLYMERIZATION POSSIBLE (Y/N)? N

CONDITIONS TO AVOID (REGARDING POLYMERIZATION): N/A

SECTION VI - HEALTH HAZARDS

EMERGENCY OVERVIEW: CORROSIVE. Causes irreversible eye damage and skin burns. May be fatal if absorbed through the skin. Harmful if swallowed or inhaled. Prolong or frequent skin contact may cause allergic reactions in some individuals. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist.

ROUTES OF ENTRY: Skin, Inhalation, Oral, Eyes.

SIGNS AND SYMPTOMS OF ACUTE OVEREXPOSURE: **Ingestion:** The acute oral LD50 in rat is 1170 mg/kg in males and 1.428 g/kg in females. A single dose of this product is classified as "slightly toxic" by ingestion. **Eye Contact:** Eye irritant. Effects may range from moderate to severe depending on the length of exposure, solution concentration and first aid. **Skin Contact:** This material was severely irritating in rabbit dermal irritation studies. A similar degree of irritation or burns may occur after human skin contact. **Skin adsorption:** The acute dermal LD50 is 1470 mg/kg in rabbits. This material is classified as "slightly toxic" by skin absorption. A single dermal application of 794 mg/kg produced a mild to moderate decrease of physical activity with no mortality. **Inhalation:** Vapors and aerosols can irritate eyes, nose and respiratory passages. May cause irritation or corrosion of mucous membranes and the lungs. Exposed individuals should be monitored for respiratory distress, bronchitis or pneumonia.

CHRONIC OVEREXPOSURE: Prolonged or repeated exposure may cause a hypersensitivity-type dermatitis. Laboratory studies have shown some developmental and carcinogenic effects in laboratory animals. Exposure monitoring studies conducted during normal agricultural applications of metam sodium exposure is considered minimal. Repeated dermal exposures may cause allergic contact dermatitis type reactions in susceptible individuals.

CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?:

- NATIONAL TOXICOLOGY PROGRAM (Y/N): N
- IARC MONOGRAPHS (Y/N): N
- OSHA (Y/N): N

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing respiratory disease including asthma and emphysema.



EMERGENCY AND FIRST AID PROCEDURES



① EMERGENCY PHONE NUMBER OF MANUFACTURER: CHEMTREC 1(800) 424-9300

1. INHALATION: Remove to fresh air. If not breathing, clear the victim's airway and start mouth-to-mouth artificial respiration. If breathing is difficult, give oxygen, preferably with a physician's advice. Get medical attention immediately.
 2. EYE CONTACT: Immediately flush eyes with large amounts of running water for 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eye and lids with water. Do not attempt to neutralize with chemical agents. Obtain medical attention as soon as possible. Oils or ointments should not be used at this time. Continue the flushing for an additional 15 minutes if a physician is not immediately available.
 3. SKIN CONTACT: Wash thoroughly with soap and water. Get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.
 4. INGESTION: Immediately give several glasses of water but, DO NOT INDUCE VOMITING. If vomiting does occur, give fluids again. Have a physician determine if condition of patient will permit induction of vomiting or evacuation of stomach. Do not give any thing by mouth to an unconscious/convulsing person.
- NOTE TO PHYSICIAN: No specific antidote is known. Probable mucosal damage may contraindicate the use of gastric lavage. Treat symptoms. Call the NPI-Buckman Center for product information (901) 767-2722.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

9	III
Environmental hazardous substances, liquid, n.o.s.	Yes
3082	171

Osmose MATERIAL SAFETY DATA SHEET

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in cool, dry area away from direct sunlight, flammable materials, open flames. Do not store below 0°F. Do not get in eyes, on skin or on clothing. Do not breathe vapor or spray mist. Wear waterproof gloves, safety goggles or face shield, and protective clothing when handling. Wash hands, arms and face thoroughly with soap and water after handling, and before eating, smoking or using the toilet. Remove contaminating clothing and wash before reuse.

OTHER PRECAUTIONS: Read and follow label instructions.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Before responding to a spill or leak of this product, review each section of this MSDS. Follow the recommendations given in the Handling Precautions sections. Check the Fire and Explosion Data section to determine if the use of non-sparking tools is merited. Insure that spilled or leaked product does not come into contact with materials listed as incompatible. If irritation fumes are present, consider evacuation of affected areas.

Initially minimize area affected by the spill or leak. Block any potential routes to water systems (e.g., sewers, streams, lakes, etc.). Based on the product's toxicological and chemical properties, and on the size and location of the spill or leak, assess the impact on contaminated environments (e.g. water systems, ground, air equipment, etc.). There are no methods available to completely eliminate any toxicity this product may have on aquatic environments. Minimize adverse effects on these environments. Determine if federal, state, and/or local release notification is required. Recover as much of the pure product as possible into appropriate containers. Later, determine if this recovered product can be used for its intended purpose. Address clean-up of contaminated environments. Spill or leak residuals may have to be collected and disposed of. Clay, soil, or commercially available absorbents may be used to recover any material that can not readily be recovered as pure product. Flushing residual material to an industrial sewer, if present at the site of a spill or leak incident, may be acceptable if authorized approval is obtained. If product and/or spill/leak residuals are flushed to an industrial sewer, insure that they do not come into contact with incompatible materials.

WASTE DISPOSAL METHODS: This product is toxic to fish. Do not contaminate water. Dispose of in accordance with Federal, State, and Local laws. This product is not specifically listed in 40 CFT 261 as a Resource Conservation and Recovery Act (RCRA) hazardous waste. However, spill or leak residuals may meet the criteria for a characteristic hazardous waste under this Act.

CONTAINER DISPOSAL: Empty containers, as defined by appropriate sections of RCRA, are not RCRA hazardous wastes. However, insure proper management of any residuals remaining in container. Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Fill container ¼ full with water and recap. Shake for 10 seconds. Follow Pesticide Disposal instructions for rinsate disposal. Drain for 10 seconds after flow begins to drip. Repeat procedures two more times. Then offer for recycling if available or reconditioning if appropriate or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice. If needed, use MSHA/NIOSH approved respirator for pesticides.

VENTILATION REQUIREMENTS: Use local exhaust if aerosol is generated.

LOCAL EXHAUST: Yes

PROTECTIVE GLOVES: Rubber

EYE PROTECTION: Chemical goggles or face shield. Eye wash fountains in the work place are strongly recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Impervious clothes and shoes recommended. Additional protection, such as full body suit and boots, may be required depending on conditions.

WORK/HYGIENIC PRACTICES: Dispose of contaminated shoes.

ADDITIONAL INFORMATION

SATISFACTORY MATERIALS OF CONSTRUCTION:

Teflon	Plexiglas	PVC - rigid
Buna-N rubber	EPDM rubber	PVC - flexible
neoprene	Polyethylene - low density	Tygon
Silicone rubber	Hypalon	304 Stainless steel
316 Stainless Steel	6/6 Nylon	Polyethylene - high density

REGULATORY INFORMATION:

California Proposition 65: WARNING: This product contains a chemical known to the State of California to cause cancer and reproductive harm.

SARA/TITLE III ;SECTION 312 - HAZARD CATEGORIES:

Immediate (Acute) Health: Yes **Reactive Hazard:** No
Delayed (Chronic) Health: No **Sudden Release of Pressure:** No
Fire Hazard: No

SECTION 302:

N/A

SECTION 304:

N/A

SECTION 311 & 312:



































Submit material safety data sheets and Tier I or II Inventory forms to the Local Emergency Planning Committee, State Emergency Response Commission and fire department with jurisdiction over storage area.

Osmose MATERIAL SAFETY DATA SHEET

SECTION 313:

This product contains metam sodium, a chemical subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and reauthorization Act (SARA) of 1986 and 40 CFR part 372.

HAZARDOUS MATERIALS INFORMATION SYSTEM (HMIS) PERSONAL PROTECTION INDEX

A		H	 +  +  + 
B	 + 	I	 +  + 
C	 +  + 	J	 +  +  + 
D	 +  + 	K	 +  +  + 
E	 +  + 	X	Ask your supervisor for guidance
F	 +  +  + 		
G	 +  + 		

N/A = Not Applicable

NOTICE: The information herein is given in good faith but no warranty, expressed or implied, is made, and Osmose Utilities Services, Inc. expressly disclaims liability from reliance on such information.

Information on this form is furnished for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information for any other purpose may result in a violation of law or constitute grounds for legal action.

PRICE AGREEMENT NO. 2014
QUOTATION NO. 2015-006
INTRUSIVE POLE INSPECTION SERVICES
BWP DETAILED SPECIFICATIONS

SCOPE OF WORK

The City of Burbank, Water and Power Department (BWP) is seeking the services of a qualified and experienced firm to perform intrusive inspections of wood power poles as defined within this document. BWP will provide lists and/or maps that will callout the poles to be inspected. Tasks will also include the visual verification of pole identification tags and the integrity of pole ground wires. All findings will be required to be delivered electronically to BWP in an acceptable format.

The qualified Contractor shall provide all labor, materials, transportation, equipment, tools, methods, and processes that are necessary and required for the work in accordance with the specifications herein.

BACKGROUND

The City of Burbank, Water and Power Department (BWP) is a public utility that generates, distributes, and markets electricity within the City of Burbank limits. BWP provides electrical service to approximately 45,000 residents and 7,000 businesses; largely via overhead transmission and distribution lines supported by wood power poles. BWP's service territory is approximately 17 square miles and contains approximately 11,700 wood power poles. A large percentage of these poles are located along rear property lines without vehicle access.

1.0 CONTRACTOR QUALIFICATIONS

- 1.1 The Contractor shall, at its expense, obtain all necessary licenses and permits for inspecting of poles and insertion of boron rods as described in this specification. Contractor shall ensure that all its employees, including contracted employees, shall possess any and all required licenses, certifications, and permits before being allowed to work .
- 1.2 The Contractor must have a minimum of five (5) years experience in the intrusive wood pole inspection business. Bid should include qualifications and responsibilities of the proposed project manager, their supporting staff, and if applicable, the subcontractor staff.
- 1.3 The Contractor shall ensure they possess the ability to commit personnel required to meet stated completion dates.

2.0 QUALIFICATIONS OF PERSONNEL

- 2.1 The Contractor shall be responsible for and required to certify that all inspectors used by the Contractor have been adequately trained in and possess experience in the inspection of wood poles and in all other associated skills required to safely and effectively complete the tasks required to perform the duties within this contract.
- 2.2 All Contractor personnel shall be able to effectively converse in English. The crew supervisor shall be able to effectively read, write, and converse in English.

- 2.3 The Contractor shall provide BWP a complete listing of all field personnel that may be assigned to work under the BWP contract. The information shall include the employee's name, picture, and, if requested, certifications.
- 2.4 Unqualified or undocumented (per 2.3 above) personnel shall not be permitted to work under this Contract.

3.0 RULES AND REGULATIONS

- 3.1 The Contractor shall ensure that all personnel they employ under this contract utilizes all required personal protective equipment (PPE) and/or other equipment that is appropriate and required by governmental safety codes or regulations. The Contractor shall also ensure that each of its employees are properly trained in all safety equipment's proper use and application.
- 3.2 The Contractor shall be fully and solely responsible to ensure that all personnel they employ under this contract have a working knowledge of all rules and regulations that are applicable to the tasks that they are assigned. Specifically, but not limited to, standards included within NESC, OSHA, EPA, DOT, G.O.95, G.O.165, and Title 28. The above shall not be considered an all-inclusive list of applicable rules and regulations that the Contractor may be state or federally mandated to follow or adhere to. It is the Contractor's responsibility to have knowledge of and work within any and all applicable rules and regulations.

4.0 EMPLOYEE IDENTIFICATION

- 4.1 Written certification which states the Contractor is the authorized Intrusive Pole Inspection Service Provider for BWP will be provided to the Contractor and shall be maintained in the truck at all times during working hours.
- 4.2 Contractors shall be identified by clothing and hard hats bearing their company name, company logo, and their personal name, in addition to BWP provided identification badges.
- 4.3 All company vehicles shall be clearly marked with the Company's logo and/or name, and shall be maintained in decent and clean condition at all times.
- 4.4 The Contractor must ensure mobile phones are available to lead crewman or foreman of each crew for the purpose of safety and conducting business during the specified working hours.

5.0 CONSENT

- 5.1 On private premises, or where wood poles must be accessed by way of private property, the Contractor shall obtain the consent of the owner or tenant prior to entry onto private property. BWP has an absolute right pursuant to its easement to access its facilities. Access rights may be extended to an authorized BWP Contractor. The Contractor shall only attempt to access private property Monday through Friday between the hours of 08:00 and 17:00. The Contractor shall not attempt to access private property on Legal Holidays.

On public premises, the Contractor shall obtain all necessary or proper permits as may be required by any Governmental Agency prior to working on said property.

- 5.2 If the Contractor is unable to obtain consent or permission to access property, the Contractor shall promptly notify the BWP contract administrator overseeing intrusive wood pole inspections. Then, should BWP fail to secure such permission, the Contractor shall not be obliged hereunder to do work for which such required permission could not be obtained. However, should BWP determine after consideration and investigations that it has the legal right to act (access property), then BWP will have the right to request the Contractor to perform the inspection in accordance with this agreement. Upon receipt of such request, the Contractor shall proceed with the work unless prevented by court action or other causes beyond the control of the Contractor.
- 5.3 At all times, the Contractor shall display courtesy and cooperate effectively with property owners when accessing poles on or by way of their property.

6.0 PROCEDURE

- 6.1 After notice by BWP, the Contractor shall begin work at once and continue diligently as provided herein. If at any time, in the opinion of the City, the Contractor should fail to employ sufficient force or to perform any provisions of this agreement, then after five (5) days written notice to the Contractor, BWP may use its own employees and equipment to assist or to complete the Work or any portion thereof, and the Contractor shall not be paid for any portion of the Work so performed by BWP. BWP maintains staff that performs wood pole inspections as part of their duties. In no way will these operations be considered an infringement upon this contract.
- 6.2 The Contractor shall follow an organized citywide inspection route/schedule, as determined by BWP Electrical Engineering staff. The Contractor shall possess a cell phone for easy contact by BWP staff.
- 6.3 Prior to 4:00 PM each day, the Contractor shall inform the BWP Electric Office of the area where they will be performing inspections for the following work day. Monday inspection locations shall be reported on the previous Friday. When a Legal Holiday falls on Monday or Friday, locations shall be reported on the preceding weekday.
- 6.4 The Contractor shall maintain and submit to the BWP contract administrator overseeing intrusive wood pole inspections, a weekly report in an electronic form and format approved and/or provided by BWP Electrical Engineering staff.

7.0 DEBRIS DISPOSAL

- 7.1 Contractor shall immediately remove and dispose of all trash and debris accumulated from boring and/or plugging poles in any location. All streets, parking strips, sidewalks, and private property where debris fell, shall be left "broom clean" prior to vacating each location.

8.0 SAFEGUARDING OF EXISTING IMPROVEMENTS

- 8.1 The Contractor shall, at its own expense, preserve and protect from injury all private or public improvements existing at the site, such as equipment, trees, flowers, shrubbery, lawns, fences, walls, and all other improvements of whatever nature. If any such improvements are injured, damaged, or destroyed by the Contractor, its employees, subcontractors or agents, they shall promptly be restored by the Contractor, at the Contractor's expense, to the condition existing before such injury, damage, or destruction

DETAILED SPECIFICATIONS FOR INTRUSIVE TESTING OF WOOD POLES

1.0 VISUAL INSPECTION

- 1.1 This inspection identifies visually obvious signs of pole defects that could lead to or already have compromised the integrity of the wood pole. The visual inspection shall include the determination of pole height, class, wood type, original treatment type, and measuring of ground line circumference (GLC) when accessible. The visual inspection shall identify above-ground line compression wood, bird (avian) or insect holes, shell rot, fire or mechanical damage, breaks or cracks, and other conditions which could render the structure unserviceable. Checks greater than six feet in length or greater than an inch in width shall be documented. Pole number verification and integrity along with pole ground integrity, when applicable, shall be documented. Findings shall be included in the report for the structure.

2.0 SOUND INSPECTION

- 2.1 This inspection helps identify portions of the pole with obvious internal deficiencies. A hollow sound during a hammer test only indicates areas on the pole where additional bore testing may be necessary, as described below, to fully assess the condition of the pole. The sound inspection shall test all sides of the pole with a 20-ounce minimum metal hammer from the ground line (GL) to a height of 7 feet, or as high as the inspector can reach, whichever is the greater, to identify possible internal voids or hollows. Hammer marks shall be visible on the pole. Findings shall be included in the report for the structure.
- 2.2 After performing a visual inspection and sound inspection, all poles shall be bore tested as described below.

3.0 BORE TEST

- 3.1 Locate the largest seasoning check at the GL and excavate an area to a depth of 12 inches and wide enough to accommodate the drill.
- 3.2 Inspect for surface (shell) decay. If any GL surface decay is found, excavate 360° around the pole to a depth of 12 inches and "chip" or scrape the pole to remove decayed wood from the pole shell down to good wood and measure the amount of surface decay and resulting GLC. Record the measurement in the report. Remove any decayed wood chips from the excavation so the chips will not contribute to further deterioration of the pole. All loose chips and pieces of decayed wood shall be removed from the excavation and surrounding ground. All excavations shall give due consideration to surrounding landscaping and plants, so as to minimize disruption. In grassy areas, sod shall be carefully removed prior to excavation. Excavated soil shall be placed on a tarpaulin during removal.
- 3.3 Bore a minimum of three 9/16-inch holes at a 45° angle to the axis of the pole, with each bore extending beyond the center of the pole. Do not break through the other side of the pole. Bore using a long-shank ship auger to allow observation of the wood shavings.

Note: *Do not drill through existing hardwood plugs. Instead, bore a new hole(s) in accordance with the procedures outlined below.*

3.4 Start the first bore adjacent to the largest seasoning check, 6 inches below the GL. Each successive bore shall be 120° to the right and 12 inches above the previous bore. Examine the shavings to determine if wood decay is present. If decayed wood or void is present, bore a sufficient number of additional holes to determine the extent of decay and the average shell thickness. All loose chips and shavings shall be collected and disposed of properly.

Note: *If the pole has been previously tested and the previous bores are in the proper locations, bore a new hole approximately 2 inches below and to the right of existing bore-hole wooden plugs or re-inspect the previous bore by removing the plastic plug(s).*

3.5 If a pole is set in asphalt or concrete, or otherwise cannot be excavated, start the first bore adjacent to the largest seasoning check at the GL. If internal voids are present in a pole set in asphalt or concrete, the pole shall be reported as replace or fail and tagged accordingly.

3.6 To determine the thickness of solid (but not necessarily sound) wood, insert a shell-thickness measuring device into the holes made by boring. Read and record the measurement.

Note: *If decay or a void is detected, classify, tag, and report in accordance with the Assessment Guidelines.*

4.0 PLUGGING BORED HOLES

4.1 All bored holes shall be plugged. Insert a BWP approved boron rod (Bor8 Rod ½" x 4") into each inspection hole and seal the hole with an approved reusable polymer plug (Scotty Type A9 Replug)

4.2 For each pole, if no decay is evident, insert one (1) Bor8 Rod per bored hole. If decay is evident, insert two (2) Bor8 Rods per bored hole.

5.0 ASSESSMENT AND TAGGING

5.1 The following criteria shall be used as a guide when assessing pole condition. A replace grade shall be assessed for poles that meet the criteria based on the amount of external surface decay present and the remaining shell thickness. In addition, mechanical damage, decay pockets, decay in checks or termite damage shall be factors considered for determining the assessment level.

POLE LENGTH (FEET)	SURFACE DECAY DEPTH (INCHES)	REMAINING SHELL THICKNESS (INCHES)
25' - 45'	>0.75	<3
50' - 60'	>0.75	<5
65' - 85'	>1.00	<6

- 5.2 There shall be five reporting decay levels:
1. No or insignificant decay discovered.
 2. Partial decay discovered but which fell below failure criteria level, sufficient pole strength and integrity remains.
 3. Significant decay discovered which met or exceeded the replace criteria level, marginal pole strength and integrity remains.
 4. Extensive decay discovered and which significantly exceeded the replace criteria level, minimal pole strength and integrity remains.
 5. Hazardous condition is present as extensive decay was discovered and which extremely exceeded the replace criteria level, insufficient pole strength and integrity remain.

Note: *Poles that are suspected of being in such condition that they should be considered currently hazardous shall receive a Proposed Remedial Action Level grade of 3 and an Action Priority Level of 1. These poles shall be reported within 24 hours to the designated BWP contract administrator overseeing intrusive wood pole inspections.*

- 5.3 There shall be three reporting Proposed Remedial Action levels:
1. No remedial action needed as no or insignificant decay was discovered; perform an intrusive inspection within 20 years.
 2. No current remedial action needed as discovered partial decay levels were below replacement levels; perform an intrusive re-inspection within 10 years.
 3. Replace pole as significant decay was discovered and which met or exceeded the replace criteria level.

- 5.4 There shall be five reporting Action Priority Levels:
1. Within 72 hours.
 2. Within ninety (90) days.
 3. Within one (1) year.
 4. Within three (3) years.
 5. Within five (5) years.

- 5.5 Poles shall be tagged in the following way:
1. All sounded and bored poles shall be marked with an aluminum tag seven feet from ground level, perpendicular from the line when practical, along roadside when applicable, identifying the Contractor, and bearing the year of the inspection.
 2. Poles with a decay level of 3 shall be additionally marked with a yellow rectangular tag.
 3. Poles with a decay level of 4 shall be additionally marked with a white rectangular tag.
 4. Poles with a decay level of 5 shall be additionally marked with two (2) vertically placed white rectangular tags.
 5. All tags shall be supplied by the Contractor.
 6. Variations from this tagging designation may be allowed if prior to the commencement of inspections, the variation is documented and has received signed approval by the BWP contract administrator overseeing intrusive wood pole inspections.

6.0 REPORTING

All required data or measurements, test results, observed deficiencies or hazards shall be recorded and reported to the BWP contract administrator overseeing intrusive wood pole inspections on a weekly basis. The report shall be delivered electronically to BWP no later than Wednesday 9:00am of the week immediately following the reported period. The report shall be in an electronic form and format that is approved and/or provided by BWP Electrical Engineering staff. A list of data required to be included in the electronically delivered report is contained in Appendix A.

NOTE: *Poles that are suspected of being in such condition that they should be considered currently hazardous shall be reported within 24 hours to the designated BWP contract administrator overseeing intrusive wood pole inspections.*

7.0 QUALITY CONTROL MEASURES

- 7.1 A quality control inspection shall be performed for each time period of not less than one week's work but not to exceed two week's work. The quality control inspection will be conducted with the Contractor's supervisor and a representative of BWP. The quality control inspection may consist of the complete re-inspection of those poles selected by BWP to compare the results shown in the delivered electronic report with the conditions existing in the field. The re-inspection may include, but not be limited to, the re-excavation of those poles that were inspected below groundline. The Contractor's cost of re-inspection shall be the responsibility of the Contractor. At least three (3) poles, selected by BWP, will be re-assessed for each quality control time period.
- 7.2 Any errors which BWP finds to be needing correction will be brought to the attention of the Contractor. Corrective action, satisfactory to BWP, must be taken by the contractor to remedy the discrepancies before the next quality control check. The corrective action may include, but not be limited to, reworking each pole back to the previous quality control check point at no cost to BWP.
- 7.3 Any complaints from BWP customers determined to be resulting from the Contractor's work will be referred to the Contractor for corrective action. BWP shall be notified within 24 hours of all customer complaints made directly to the Contractor. Damages to BWP customer property which is determined to be resulting from the Contractor's work shall be corrected by the Contractor at no cost to BWP or its customers and within a minimum of three working days. Problems not corrected within this time frame may be corrected by BWP or its designee and billed to the Contractor.
- 7.4 Recurrent or frequent customer complaints relating to the Contractor's manner or property damage causation may result in the immediate suspension or termination of the contract.

**PRICE AGREEMENT NO. 2014
 QUOTATION NO. 2015-006
 INTRUSIVE WOOD POLE INSPECTION SERVICES**

AMENDMENT NO. 1

Vendor shall provide all work as described under the General Conditions, Bidder's Quotation Pages, BWP Specifications, and all Addenda in addition to the following changes in the BWP Specification and pricing shall be in accordance with this amendment.

DETAILED SPECIFICATIONS FOR INTRUSIVE TESTING OF WOOD POLES

3.0 BORE TEST

3.2 Inspect for surface (shell) decay. If any GL surface decay is found, excavate 360° around the pole to a depth of 18 inches and "chip" or scrape the pole to remove decayed wood from the pole shell down to good wood and measure the amount of surface decay and resulting GLC. Record the measurement in the report. Remove any decayed wood chips from the excavation so the chips will not contribute to further deterioration of the pole. All loose chips and pieces of decayed wood shall be removed from the excavation and surrounding ground. All excavations shall give due consideration to surrounding landscaping and plants, so as to minimize disruption. In grassy areas, sod shall be carefully removed prior to excavation. Excavated soil shall be placed on a tarpaulin during removal.

5.0 ASSESSMENT AND TAGGING

5.6 A Percent Remaining Strength calculation shall be performed for all poles which were fully excavated and the results shall be included within the weekly report.

PRICE PER POLE				
QUANTITY OF POLES RELEASED	ACCESSIBLE W/O EXCAVATION	INACCESSIBLE W/O EXCAVATION	ACCESSIBLE WITH EXCAVATION	INACCESSIBLE WITH EXCAVATION
201 - 500	██████	██████	██████	██████
501 - 1,000	██████	██████	██████	██████
1,001 - 2,000	██████	██████	██████	██████
2,001 - 3,000	██████	██████	██████	██████

GLOSSARY
 Accessible = alley or sidewalk
 Inaccessible = backyard property line
 W/O Excavation = pole surrounding at ground line is concrete, asphalt, or impractical due to fences and/or walls.

The undersigned hereby agrees to furnish the above articles and/or services, at the prices and terms stated, subject to the instructions and conditions shown on the attached General Conditions and BWP Specifications for **PRICE AGREEMENT NO. 2014 – INTRUSIVE WOOD POLE INSPECTION SERVICES**

COMPANY NAME: Osrose Utilities Services, Inc.

AUTHORIZED SIGNATURE: ████████████████████ DATE: April 10, 2015

PRINT NAME: ████████████████████ TITLE ████████████████████

ADDRESS: 215 Greencastle Road, Tyrone, GA 30290

TELEPHONE NUMBER: (770)632-6700 FAX NUMBER: (678) 364-0844

E-MAIL ADDRESS: Osrosecontracts@osrose.com

Current

Section 2.7 E. Pole Replacements

When a pole is being replaced on a JPA which refers to Section 18.1 Automatic Approval, the original owner on that pole is to be guaranteed their original space and grade, or greater, on the new pole. (See Section 7.0)

PROPOSED

DELETE Section 2.7 E

Proposed 2016 Computer Hardware Upgrade for SCJPC Office

	Quote	Amount to be approved by Admin Board
Computer hardware upgrade for SCJPC office to replace current hardware (2010 purchase date)	\$10,989.52	\$14,000.00

QUOTE 1 – COMPUTER AND MONITORS, Joe Atalla - 3/3/2016

(8) Business Class DELL Quad Core Processor, 8GB RAM, 1TB HDD, Dual Monitor Video Card	\$695.00 each	\$5560.00
(16) DELL 24" Monitor LED	\$249.00 each	\$3984.00
(8) Dual Monitor Desk Mound Heavy Duty Fully Adjustable up to 27"	\$ 50.00 each	\$400.00
Setup and Installation	\$ 0.00	
Configuration and FRIEND Installation	\$ 0.00	
Delivery Charge and Desk Mount Installation	\$250.00	
Total Hardware \$9944.00 + tax = \$10739.52		
Total: \$10,989.52		

Quote is valid 7 days from 3/3/2016. The actual price may change. Need Board Approval for hardware upgrade, not to exceed \$14,000.00

18.1-B Changes Prior to Approval

Any changes desired prior to approval of Form 2 Preliminary Joint Pole Authorization by the receiving Member shall be made by means of the following procedure:

(A) Receiving Member:

- (1) Make desired change
- (2) Sign amended form
- (3) Return copy to issuing Member

(B) Issuing Member:

(1) If change is acceptable:

- (a) No additional actions take place. Process form in normal manner

(2) If change is unacceptable:

- (a) Communicate with receiving Member(s) representative(s) to resolve differences by either issuing Form 7 or revising the JPA.
- (b) If subsequent changes occur, refer to the standard procedure for Form 7 usage. (See Section 18.4)
- (c) Until differences are resolved, issue the Form 7 to all participating Member(s), CC to SCJPC, not to process JPA Final Bill.
- (d) **Once resolved, initiator of the Form 7 needs to notify the SCJPC on a Form 7 – approval to process final.**
- (e) Any member may request a resolution meeting with the Administrative Board by issuing the Form 7 to all participating Member(s), CC to SCJPC. **(Revised 04/19/2016)**

(3) Multi-Party JPAs:

The initiator of a multi-party JPA will be responsible for notifying all involved parties of any changes made to that JPA prior to final approval.

An acceptable method for the initiating member to notify all involved parties of any changes made to a JPA includes sending a Form 7 indicating "See Changes" with a copy of the marked-up Form 2 Preliminary JPAs as an attachment. (Revised January 2011).

18.4 Form 7 - J/P Memorandum

This form is for use in effecting changes to issued Form 2 Preliminary Joint Pole Authorization by agreement.

When changes in an authorization are proposed, the Member receiving the Form 7 must return same within 15 days.

The memo must indicate the Members to whom the copies are directed.

For use in protest procedures see Section 18.1-B (2) **(c),(d) & (e).** **(Revised 04/19/2016)**

Southern California Joint Pole Committee

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

May 18, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 a.m., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. Brenda Davis	Southern California Edison
Mr. William Kearns	Frontier Communications
Mr. Bret Plaskey	Frontier Communications
Mr. William Schrader	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Kay Black	AT&T California
Ms. Lynn Prescott	Verizon Wireless
Ms. Shawn Henderson	T-Mobile USA
Mr. Ayman Arraj	City of Burbank
Mr. David Campo	City of Lompoc
Mr. Joe Armstrong	City of Pasadena
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Yvonne Johnson	AT&T Mobility
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Tony Trampetti	Extenet Systems
Mr. Chris Manning	Extenet Systems
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Elena DeStefano	City of Riverside
Ms. Mary Li	City of Anaheim
Mr. Varghese George	City of Glendale

Mr. Daniel Lippert	City of Burbank
Ms. Sarah Valdez	Mobilitie, LLC
Ms. Sherri Duchateau	Golden State Water
Mr. Dave Patterson	City of Azusa
Ms. Maryam Farajzadeh	City of Vernon
Ms. Samatha Valle	Time Warner Cable
Ms. Alyssa Hernandez	City of Colton
Mr. Brandon Robison	City of Banning
Ms. Lorraine Estime	ATC-Outdoor DAS, LLC

Guests:	Ms. Gwen Ramacher	No. Ca. Joint Pole Association
	Ms. Linda Fisher	Pacific Gas & Electric
	Ms. Cindy Wong	Pacific Gas & Electric

CALL TO ORDER:

Mr. Steve Brown called the meeting to order at 9:05 am. He then proceeded with roll call. When roll call was complete, those members not in attendance are XO Communications (NXT), M-Power Communications (ICG), MCI Metro ATS (ATS) and MCI TeleComm (MCI).

HOUSEKEEPING:

Mr. Steve Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Steve Brown inquired whether the members had reviewed the minutes of the *April 20, 2016* Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the *April 20, 2016* minutes as written and Mr. Craven seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the April 2016 operating expenses were \$72, 187.77 and the members were assessed this amount. She added that the expenses are greater than usual due to an additional payroll in the month of April.

COMMUNICATIONS:

There are no communications.

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on May 17, 2016. She added that the ad hoc discussed items 20 through 109 and intends to discuss items 110 through 199 at the next meeting. They revisited items that had been previously discussed and required further clarification. She then directed the members to read the minutes of the meeting for further details.

Routine Revision Committee

Ms. Hernandez reported that the ad hoc committee met May 17, 2016. She further reported that Ms. Pranata has placed a link on the committee website to member's descriptions of their respective priority one poles. The topic of heel and toe bracing was brought to the table. It was noted that there is no section in the handbook addressing heel and toe, but there is an item number in authorized costs. It has been suggested to add the description to anchor Section 12. The members discussed final billing out of sequence; those JPAs that are finalized out of sequential order. This type action has become problematic for many members. The ad hoc will discuss a resolution to this problem. She concluded by urging the members to review the minutes of this meeting.

Computer Communications ad hoc Committee

Ms. Davis reported that this ad hoc met on May 17, 2016. She further reported that the testing on share files continues. Ms. Pranata will be meeting with the developer on the pole record redesign. Mr. Wayne Brown will be contacting members for the webEx meeting on NJUNS. She closed by directing the members to the minutes of the meeting for details.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc met on May 17, 2016. The members discussed the design meet document that Mr. Wayne Brown and Ms. Black have been discussing and working. The members discussed the verbiage in this document and discussed as well the difference between a construction meet, a coordination meet and a design meet. He concluded by encouraging the members to read the minutes of this meeting for further details.

Pole Loading Committee

Mr. Wayne Brown reported that this ad hoc briefly met on May 17, 2016, and there was no relevant discussion.

Operating Committee

Ms. Pranata reported that the Operating Committee met on April 20, 2016. She stated that the Admin Board approved the staff hardware purchase quote that day. The members discussed a NCJPA training session to be performed at the NCJPA offices. Frontier Communications will draft an emergency check plan list for the committee in the event of an emergency.

She then directed the members to review the minutes of the April meeting for any further details.

Single Trip to Pole

Mr. Chow reported that Single trip met on April 20, 2016. He added that the meeting was brief and the members further discussed criteria to be included or excluded from the scope of the single trip. He referred the members to the minutes for further details.

CONSENT CALENDAR:

Revised Section 18.1B & 18.4 – Protest Procedures

Ms. Hernandez opened by stating in those instances when a Form 7 is issued to hold billing on a specific JPA, and when the issue is resolved, members are neglecting to notify the JPC office to final bill the said JPA and the JPA is returned to the initiator. She added that it was agreed to add verbiage to the handbook addressing this issue. To section 18.1-B the following verbiage had been added, “*Once resolved, initiator of the Form 7 needs to notify the SCJPC on a Form 7 – approval to process final*”.

Mr. Chow questioned what the outcome is if the initiator does not adhere to this verbiage in the handbook? He added that perhaps there should be a time frame when the initiator must issue the Form 7 to final bill the said JPA. After discussion it was

agreed that members may notify the JPC office via an email, the verbiage “or email” will be added to the revision. Ms. Allen stated that if the Form is marked, “okay to bill” by the initiator, and sent in by any party on the JPA, the staff will bill the JPA in question.

Mr. Wayne Brown stated that previously it was agreed that the Form 7 required a statement on why the JPA could not be final billed. One cannot arbitrarily stop a JPA from being processed without legitimate cause. Ms. Hernandez responded that all are aware that there must be legitimate cause; however, the cause does not concern the JPC office, only that there is an issue with the JPA and they are not to final bill.

Mr. Steve Brown than solicited a motion to approve revised Sections 18.1-B and 18.4. Ms. Hernandez motioned to approve the above referenced revisions. Mr. Craven seconded the motion which after the vote tally was taken passed unanimously.

DISCUSSION CALENDAR:

There are no items for discussion.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
- Item 1607: Priority 1 Pole Definition and Time Frame – Routine Revision (2/17/2016)
- Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
- Item 1610: Review of Section 8 & Item 11 AC – Routine & Auth Cost (4/19/2016)

After review of the unfinished business open items, the following items are now closed:

- Item 1607: Priority 1 Pole Definition & Time Frame – Routine Revision (2/17/2016)

Item 1605: 2015 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

There are no known items

Unknown Items:

City of Los Angeles

Mr. Brown stated that he would like to add stand-off brackets for jointly used risers to the Authorized Costs matrix.

Section 18.1-C - SCE

Mr. Chow stated that the approved additional verbiage to Section 18.1-B should also be added to Section 18.1-C. It was agreed to add the verbiage to this section as well.

AC 5-A & 19 - SCE

Mr. Chow opened by stating that above noted items requires discussion. He added that when AC Item 19 was developed for cut and kick the cost for pulling of butt was included in this cost. Therefore item 5 (a) is automatically included in Item 19. However, in those instances when not all members approve of Item 19, the member who cuts and kicks the pole is not reimbursed for pulling the butt. He further added that either item 5 (a) must be removed from Item 19, or agree on a method of ensuring that the member pulling the butt is compensated when Item 19 is not included in the JPA. It was agreed that this issue requires further discussion at the ad hoc level. Therefore, *Item 1618: Pull Butt Billing Directive (Item 5A/19)* has been assigned to the Routine Revision and Authorized Costs ad hoc committees.

Section 1.3

Mr. Chow opened discussion by stating that per the above noted section it is prohibited to disclose any information pertaining to the Routine to any third parties. However, he added that in many instances when SCE; or other members are party to a meeting with cities, counties or jurisdictions it appears there is a conflict with this section.

Ms. Carmichael stated that many cities, counties and jurisdictions are interested in the method by which members come to an agreement on how the construction process is completed. She added that they need just a general basic clarification of the work flow in progress.

It was noted that in the JPA Basic Training Manual, there is a general flow chart of the JPA process.

After brief discussion it was agreed that this section requires further review; therefore, Item 1619: Section 1.3 Review has been assigned to the Routine Revision ad hoc committee.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	6/14/16	9:00 a.m.	Committee Office
Pole Loading	06/14/16	Following	Routine Revision
Authorized Costs	06/14/16	Following	Pole Loading
Computer Committee	06/14/16	Following	Authorized Costs
Compliance Committee	06/14/16	Following	Computer Committee
Administrative Board	06/15/16	9:00 a.m.	Committee Office
Operating Committee	06/15/16	Following	Administrative Board
Single Trip to Pole	06/15/16	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 10:05 a.m., until June 15, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

18.1-B Changes Prior to Approval

Any changes desired prior to approval of Form 2 Preliminary Joint Pole Authorization by the receiving Member shall be made by means of the following procedure:

(A) Receiving Member:

- (1) Make desired change
- (2) Sign amended form
- (3) Return copy to issuing Member

(B) Issuing Member:

(1) If change is acceptable:

- (a) No additional actions take place. Process form in normal manner

(2) If change is unacceptable:

- (a) Communicate with receiving Member(s) representative(s) to resolve differences by either issuing Form 7 or revising the JPA.
- (b) If subsequent changes occur, refer to the standard procedure for Form 7 usage. (See Section 18.4)
- (c) Until differences are resolved, issue the Form 7 to all participating Member(s), CC to SCJPC, not to process JPA Final Bill.
- (d) **Once resolved, initiator of the Form 7 needs to notify the SCJPC on a Form 7 or email – approval to process final.**
- (e) Any member may request a resolution meeting with the Administrative Board by issuing the Form 7 to all participating Member(s), CC to SCJPC. **(Revised 05/18/2016)**

(3) Multi-Party JPAs:

The initiator of a multi-party JPA will be responsible for notifying all involved parties of any changes made to that JPA prior to final approval.

An acceptable method for the initiating member to notify all involved parties of any changes made to a JPA includes sending a Form 7 indicating "See Changes" with a copy of the marked-up Form 2 Preliminary JPAs as an attachment. (Revised January 2011).

18.4 Form 7 - J/P Memorandum

This form is for use in effecting changes to issued Form 2 Preliminary Joint Pole Authorization by agreement.

When changes in an authorization are proposed, the Member receiving the Form 7 must return same within 15 days.

The memo must indicate the Members to whom the copies are directed.

For use in protest procedures see Section 18.1-B (2) **(c),(d) & (e)**. **(Revised 04/19/2016)**

Southern California Joint Pole Committee

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

June 15, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 a.m., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Richard LaBarge	Southern California Edison
Ms. Brenda Davis	Southern California Edison
Mr. William Kearns	Frontier Communications
Mr. Bret Plaskey	Frontier Communications
Ms. Robin Arndt	Frontier Communications
Ms. Megan Stewart	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Lynn Prescott	Verizon Wireless
Ms. Shawn Henderson	T-Mobile USA
Mr. Ayman Arraj	City of Burbank
Mr. David Campo	City of Lompoc
Mr. Joe Armstrong	City of Pasadena
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Maria Ortiz	XO Communications
Ms. Yvonne Johnson	AT&T Mobility
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Mr. Dan Garden	MCI Telecomm/MCI Metro
Ms. Mary Li	City of Anaheim
Mr. Daniel Lippert	City of Burbank
Ms. Annamarie Pirio	Mobilitie, LLC

Ms. Sherri Duchateau	Golden State Water
Mr. Dave Patterson	City of Azusa
Ms. Maryam Farajzadeh	City of Vernon
Mr. Mark Denning	M-Power Communications
Ms. Alyssa Hernandez	City of Colton
Mr. Brandon Robison	City of Banning
Ms. Kay Black	AT&T California
Mr. Chris Manning	Exenet Systems
Ms. Erin Mendal	ATC Outdoor DAS

Guests:	Mr. James Sawatzki	Southern California Edison
	Mr. Joel Crane	Verizon Wireless
	Mr. Dino Amico	Verizon Wireless

CALL TO ORDER:

Mr. Brown called the meeting to order at 9:05 am. Ms. Pranata opened by announcing the volunteers on the Emergency Preparedness Checklist. They are as follows: 911 Callers-Ms. April DeBarge and Mr. Joe Serrato, meet emergency responder- Ms. Brenda Davis, and CPR Trained-Mr. William Kearns. The evacuation location is the back parking lot of the building.

Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are Time Warner Cable (TWC), the City of Glendale (A), and the City of Riverside (J).

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the *May 18, 2016* Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Plaskey motioned to accept the *May 18, 2016* minutes as written and Mr. Armstrong seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the May 2016 operating expenses were \$67,588.12 and the members were assessed this amount.

COMMUNICATIONS:

There are no communications.

SPECIAL REPORTS

NJUNS Demonstration – SCE

Mr. James Sawatzki of SCE facilitated and opened the demonstration by stating that NJUNS (National Joint Utilities Notification System) is a data base management application currently being used in many states for joint pole usage. He added that SCE is currently utilizing the app with AT&T and Verizon in a pilot program. Currently, SCE is working only on buddy pole JPA's with NJUNS and have approximately 6,000 such poles in the database at this time. The major functionality of NJUNS is eliminating the paper process and replacing it with an electronic process. This and other functions would improve and expedite the current preliminary JPA process. He added that this system has the capabilities of interfacing with your respective organization's current systems, and is able to customize the program to fit special needs. Mr. Sawatzki demonstrated screens and how to navigate them for communication between members.

The program is per state and the annual cost for the application is approximately \$20,000.00 which would be shared equally by the SCJPC and the NCJPA.

Ms. Hernandez stated that if the committee agrees to move forward with NJUNS, is there a guarantee that all members will utilize the application and that the preliminary process will in fact become electronic as opposed to the current method of processing a JPA. She added that she is speaking historically, in that there have been other programs entertained by the Committee where much time, resources and money were invested to no avail.

In that there are many issues to address in regards to NJUNS, it was agreed to create an ad hoc committee. The NJUNS ad hoc committee will be chaired by SCE. The idea of meeting every other month was proposed, as well as including member's respective IT personnel at these ad hoc meetings.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on June 14, 2016. She added that the ad hoc has completed the review of all the authorized costs items. Next month the ad hoc will discuss those items that required further review. She concluded by referring the members to the minutes for further details

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met June 14, 2016. She added that the members discussed Section 8 which will be discussed today at this meeting. Section 1.3 was briefly discussed and will be discussed further next month. There were many sections discussed, therefore, Ms. Ortiz recommended the members refer to the minutes for further details.

Computer Communications ad hoc Committee

Ms. Davis reported that this ad hoc met on June 14, 2016. Mr. Serrato and Ms. Ortiz are currently testing Share File and reported on the progress. She added that Mr. Kearns will contact the programmer for the SCJCP web site redesign for a specific starting date.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc did not meet, however, will meet following the day's Operating Committee meeting.

Pole Loading Committee

Mr. Brown reported that this ad hoc did not meet in June.

Operating Committee

Ms. Kearns reported that the Operating Committee met on May 18, 2016. He added that the members reviewed the standard monthly reports. The members will discuss the SCJPC 110th anniversary celebration, and staff salary evaluations at today's meeting. He concluded by referring the members to read the minutes of the meeting for further details.

Single Trip to Pole

Mr. Brown reported that Single Trip to the Pole ad hoc committee did not meet in June.

CONSENT CALENDAR:

There were no items on Consent

DISCUSSION CALENDAR:

There are no items for discussion.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
- Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
- Item 1610: Review of Section 8 & Item 11 AC – Routine & Auth Cost (4/19/2016)
- Item 1611: Helicopter Costs – AUTH COSTS (5/17/2016)
- Item 1612: Crane Costs - AUTH COSTS (5/17/2016)
- Item 1613: Traffic Control/Pedestrian Control - AUTH COSTS (5/17/2016)
- Item 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)
- Item 1615: Street Lights Ownership/Sp&Grd - AUTH COSTS (5/17/2016)
- Item 1616: Final Billed Out of Sequence - ROUTINE REVISION (5/17/2016)
- Item 1617: Section 12.8 Item 115&116 - ROUTINE REVISION (5/17/2016)
- Item 1618: Pull Butt Billing Directive (Item 5A/19) ROUTINE REV & AUTH COST (5/18/2016)
- Item 1619: Section 1.3 Review - ROUTINE REVISION (5/18/2016)

After review of the unfinished business open items, it was agreed that all the above items remain open.

Item 1605: 2015 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

8.1 – Joint Rights of Way

Mr. Chow opened by stating that he is not certain how often this section is utilized, but the issue with SCE is reimbursement when vacating right of ways. He added that SCE in practice does not obtain easements on private property for other parties only in the name of SCE. Therefore, Mr. Chow is proposing the elimination of this specific section (8.1). Currently, there is discussion in Routine Revision on this section in *Item: 1610 Review of Section 8 and AC Item 11-A*. Mr. Chow reiterated eliminating Section 8.1 and further review of Section 8.0 with the possibility of eliminating this section as well. In his opinion these sections may no longer be applicable. He further added that Section 8.2 is relevant in that it restates what is in the SCJPC agreement.

Mr. Brown concluded by stating that if any members have concern with this section to attend the next Routine Revision ad hoc committee meeting for discussion.

Item 1609: JPC Forms Timelines

Mr. Brown reported that another issue that is relevant to all members is *Item 1609: JPC Forms Timelines*, currently in discussion in the Routine Revision ad hoc committee. The discussion is extending all time lines to longer periods. Therefore, if any members having a concern with extending current time lines, should plan on attending the next Routine Revision ad hoc committee meeting to participate in the topic discussion.

Unknown Items:

There were no unknown items.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	7/19/16	9:00 a.m.	Committee Office
Pole Loading	07/19/16	Following	Routine Revision
Authorized Costs	07/19/16	Following	Pole Loading
Computer Committee	07/19/16	Following	Authorized Costs
Compliance Committee	07/19/16	Following	Computer Committee
Administrative Board	07/20/16	9:00 a.m.	Committee Office
Operating Committee	07/20/16	Following	Administrative Board
Single Trip to Pole	07/20/16	Following	Operating Committee
NJUNS	07/20/16	Following	Single Trip to Pole

ADJOURNMENT:

Mr. Brown adjourned the meeting at 11:00 a.m., until July 20, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

Southern California Joint Pole Committee

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

July 20, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 am, at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Richard LaBarge	Southern California Edison
Ms. Brenda Davis	Southern California Edison
Mr. William Kearns	Frontier Communications
Mr. Bret Plaskey	Frontier Communications
Ms. William Schrader	Frontier Communications
Ms. Megan Stewart	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Ms. Kay Black	AT&T California
Mr. Artemio Lopez	At&T Calif
Ms. Lynn Prescott	Verizon Wireless
Ms. Shawn Henderson	T-Mobile USA
Ms. Tony Mai	City of Anaheim
Mr. Daniel Lippert	City of Burbank
Mr. Varghese George	City of Glendale
Ms. Catherine Babakhanlou	City of Glendale
Mr. David Campo	City of Lompoc
Mr. Joe Armstrong	City of Pasadena
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Yvonne Johnson	AT&T Mobility
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Sarah Valdez	Mobilitie, LLC
Ms. Sherri Duchateau	Golden State Water
Ms. Maryam Farajzadeh	City of Vernon
Mr. Mark Denning	M-Power Communications
Mr. Chris Manning	Extenet Systems
Ms. Samatha Carillo	Time-Warner USA
Mr. Earle Carrion	Crown Castle

CALL TO ORDER:

Mr. Brown called the meeting to order at 9:05 am. Ms. Pranata opened by presenting the Emergency Preparedness Checklist. She stated the checklist volunteers are as follows: 911 Callers-Ms. April DeBarge and Mr. Joe Serrato, meet emergency responder- Ms. Brenda Davis, and CPR Trained-Ms. Megan Stewart. She concluded by stating that the evacuation meeting location is the back parking lot of the building, and all should proceed with caution in the event of an emergency.

Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are MCI Metro/ATS (ATS), MCI Telecomm (MCI), The City of Azusa (MA), The City of Colton (F), The City of Banning (COB), ATC Outdoor DAS (AMT), and the City of Riverside (J).

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the June 15, 2016 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the June 15, 2016 minutes as written and Ms. Prescott seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the June 2016 operating expenses were \$56, 789.24 and the members were assessed this amount. June is reflective of an average monthly expenditures.

COMMUNICATIONS:

Astound Broadband, LLC – Membership Application

Ms. Pranata reported that Astound Broadband has submitted a formal application for membership along with their CPN and application fee. She added that the next step in the application process is to send the applicant a copy of the SCJPC Agreement for their review. She concluded by inquiring if Astound is currently a member of the NCJPA and if any members had an objection to allowing the applicant membership. The applicant is currently a member of the NCJPA and there is no objection to continuing the application process.

Sectional Composite Poles – Southern California Edison

Mr. Chow stated that the notice provided to the membership is to alert them that SCE, in certain applications, will be moving forward with sectional composite fiberglass poles as a pole replacement rather than using a wood pole (see attached notice).

Verizon Wireless – Accounts Receivables

Ms. Pranata announced that Verizon Wireless is now current and up to date on member assessments invoices.

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on July 19, 2016. She added that the ad hoc has completed the review of all the authorized costs items and addressed those items that required additional review. Ms. Pranata will be sending the Authorized Costs ad hoc committee members the cost matrix for review. Mr. Armstrong inquired if there was any discussion on street light space and grade. This issue will be discussed at the Routine Revision and Computer ad hoc level. Ms. DeBarge concluded by referring the members to the minutes of the meeting for details.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee did not meet this month.

Computer Communications ad hoc Committee

Ms. Davis reported that this ad hoc did not meet this month.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc did not meet this month.

Pole Loading Committee

Mr. Brown reported that this ad hoc did not meet and there is consideration of moving this issue to another ad hoc committee.

Operating Committee

Ms. Kearns reported that the Operating Committee met on June 20, 2016. He added that the members reviewed the standard monthly reports. In reference to the action items, Ms. Pranata has sent the NJUNS costs to the members for their review. Ms. Carmichael continues to work on the HSO and HLA member codes. Lastly, Mr. Mathisen has mailed the NJUNS invoice for the SCJPC's share of the membership initiation and annual access fee costs.

Single Trip to Pole

Mr. Brown reported that Single Trip to the Pole ad hoc committee did not meet in June.

CONSENT CALENDAR:

NJUNS 2016 Initiation and Access Fee - \$16,500.00.

Mr. Brown solicited a motion to approve the Consent Calendar. Ms. Hernandez motioned to approve the Consent Calendar, Mr. Cravens seconded the motion, which upon voting passed unanimously. Mr. Lippert inquired if the NJUNS invoice costs would be assessed proportionately or equally. The cost will be assessed equally.

DISCUSSION CALENDAR:

There are no items for discussion.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
- Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
- Item 1610: Review of Section 8 & Item 11 AC – Routine & Auth Cost (4/19/2016)
- Item 1611: Helicopter Costs – AUTH COSTS (5/17/2016)
- Item 1612: Crane Costs - AUTH COSTS (5/17/2016)
- Item 1613: Traffic Control/Pedestrian Control - AUTH COSTS (5/17/2016)
- Item 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)
- Item 1615: Street Lights Ownership/Sp&Grd - AUTH COSTS (5/17/2016)
- Item 1616: Final Billed Out of Sequence - ROUTINE REVISION (5/17/2016)
- Item 1617: Section 12.8 Item 115&116 - ROUTINE REVISION (5/17/2016)
- Item 1618: Pull Butt Billing Directive (Item 5A/19) ROUTINE REV & AUTH COST (5/18/2016)
- Item 1619: Section 1.3 Review - ROUTINE REVISION (5/18/2016)
- Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)

In regards to *Item 1599: Joint Field Meet Contact List*, Mr. Serrato urged the members to submit their contact name and number prior to the next Board meeting with the objective of closing this item at that time. After review of the remaining unfinished business open items, it was agreed that all the above items remain open.

Item 1605: 2015 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

Changing Treatment Pole Types - SCE

Mr. Chow opened by stating that currently when changing from a wood pole type to a composite fiberglass pole, this action requires a revised JPA. He added that at a prior Routine Revision ad hoc meeting there was discussion concerning that this action transpire via a Form 7 versus a revised JPA. Per his recollection, he added that there was no opposition to revising this action, however, the members had agreed to return to their respective offices for internal discussion. He inquired if the members had any input on this issue and if so is it possible to close discussion on this issue. The consensus is that further discussion on this issue is required at the Routine Revision ad hoc level.

Unknown Items:

City of Pasadena – Intrusive Pole Inspection

Mr. Armstrong opened discussion by inquiring if it is agreed that the pole base owner has the responsibility of performing intrusive pole inspections. He added that there are instances where a pole has been intrusively inspected by more than one owner within a short period of time, and instances where a pole has never been intrusively inspected. What prompted his inquiry is that he has received emails from joint members stating that the base owner is responsible for intrusive inspections. The members reviewed the inspection guidelines currently available on the SCJPC website. Mr. Chow responded by stating that the information on the website is merely a guideline and reference for members, however, ultimately the outcome is what members agree upon. He reiterated that the reference on the website is merely a guideline. The consensus is that currently there is no agreement as to which party is responsible for the intrusive pole inspections and any agreement would require extensive discussion among the members.

New Assignments

Mr. George announced that he would no longer be the acting representative for the City of Glendale in that he has been reassigned. He then introduced Ms. Catherine Babakhanlou who will be the newly assigned City of Glendale representative.

Mr. Serrato announced that Mr. Earl Carrion would be the primary representative for Crown Castle-NewPath-CA-CLEC, and Mr. Serrano would be alternate representative and supervisor for the Northern and Southern JPA process.

Mr. Brown of the City of Los Angeles announced that he has now officially succeeded to the position vacated by Mr. Scott Hunter upon Mr. Hunter's retirement.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	08/16/16	9:00 am.	Committee Office
Pole Loading	08/16/16	Following	Routine Revision
Authorized Costs	08/16/16	Following	Pole Loading
Computer Committee	08/16/16	Following	Authorized Costs
Compliance Committee	08/16/16	Following	Computer Committee
Administrative Board	08/17/16	9:00 am.	Committee Office
Operating Committee	08/17/16	Following	Administrative Board
Single Trip to Pole	08/17/16	Following	Operating Committee
NJUNS	08/17/16	Following	Single Trip to Pole

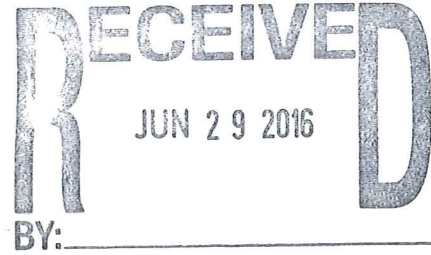
ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:40 am, until August 17, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber



Via Overnight Delivery

June 28, 2016

Ms. Angela Pranata
Manager of Operations
Southern California Joint Pole Committee
279 E Arrow Hwy, Suite 104
San Dimas, CA 91773

Re: Astound Broadband, LLC -- Membership Application

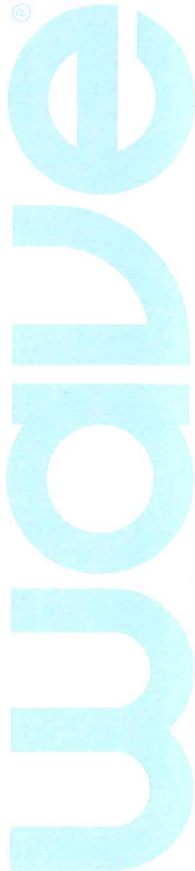
Dear Ms. Pranata:

Please consider this letter to be the formal request on behalf of Astound Broadband, LLC to commence the application process to become a member of the SCJPA. Astound does business under the trade names "Wave," "Wave Broadband," "Wave Business" and "Wave G" and currently provides cable television, high speed Internet access, telephone and other telecommunication services to residential and business customers in the greater San Francisco and Sacramento metro areas. Astound is rapidly expanding into neighboring communities in Northern California as well as entering into new service areas in Southern California. Astound is a member in good standing with the Northern California Joint Pole Association (as the successor-in-interest to RCN of California, Inc.). Because Astound now is planning to extend its facilities in Southern California it is seeking to obtain membership in SCJPA.

Astound is a Washington limited liability company and has duly registered in California. I've attached a copy of Astound's Certificate of Formation issued by the Secretary of State of the State of Washington. Astound has registered with the Secretary of State of the State of California. I've pasted in below the results of a search within the California Secretary of State's business entity database:

Entity Name:	ASTOUND BROADBAND, LLC
Entity Number:	200523710225
Date Filed:	08/22/2005
Status:	ACTIVE
Jurisdiction:	WASHINGTON
Entity Address:	401 KIRKLAND PARKPLACE STE 500
Entity City, State, Zip:	KIRKLAND WA 98033

401 Parkplace Center, Suite 500 Kirkland, WA 98033 425.576.8200 (t) 425.576.8221 (f) gowave.com



Ms. Angela Pranata
Southern California Joint Pole Committee
June 28, 2016
Page 2

Agent for Service of Process:	CORPORATION SERVICE COMPANY WHICH WILL DO BUSINESS IN CALIFORNIA
Agent Address:	AS CSC - LAWYERS INCORPORATING SERVICE (, C1592199)
Agent City, State, Zip:	*


If you wish to verify this information and confirm that Astound is duly registered with the California Secretary of State please direct your Internet browser to the following URL <http://kepler.sos.ca.gov/> , then click the button labeled "Search Type" as "Limited Liability Company/Limited Partnership Name" and enter "Astound Broadband" as the entity name to be searched.

Astound holds a Certificate of Public Convenience and Necessity issued by the California Public Utilities Commission (as the successor-in-interest to Seren Innovations, Inc.). I've attached a copy of Astound's CPCN. Astound holds Section 214 licenses, domestic and international, from the Federal Communications Commission. If you would like to see copies of those licenses please let me know. As a wholly-owned, direct subsidiary of WaveDivision Holdings, LLC ("WDH"), Astound is a "disregarded entity" under federal tax law so does not maintain separate financial statements. However, Astound is required by the California Public Utilities Commission to submit an annual report that includes a summary of the balance sheet of WDH (Astound does not maintain a separate balance sheet) and an income statement for WDH's California operations (Astound is the entity that owns and operates all of our operations in California). These financials are submitted to the CPUC under seal to preserve their confidentiality. Accordingly, we request that the NCJPA enter into a non-disclosure agreement with Astound prior to their submission for your review. We are glad to review SCJPA's form of non-disclosure agreement or we can provide the form we use. Please let me know SCJPA's preference.

Finally, enclosed is WDH's check number 171816 in the amount of \$2,200 representing payment in full of SCJPA's membership application fee.

Please let me know if you have questions or need any additional information. I can be reached at jpenney@wavebroadband.com or 425-896-1891.

Very Truly Yours,



James A. Penney
General Counsel

cc Tim Melgaard (via email)

astound

602-531-913

08/19/2005 682477
\$0.00 Document
Only
Tracking ID: 960121
Doc No: 682477-882

FILED
SECRETARY OF STATE
AUG 19 2005
STATE OF WASHINGTON

ASTOUND BROADBAND, LLC
CERTIFICATE OF FORMATION

Pursuant to Title 25 of the Revised Code of Washington, the undersigned does hereby submit this Certificate of Formation for the purpose of forming a limited liability company.

1. The name of the limited liability company is "Astound Broadband, LLC."
2. The limited liability company shall have a perpetual existence from the date on which this Certificate of Formation is filed with the Secretary of State of the State of Washington.
3. The name of the initial registered agent of this limited liability company and the address of its initial registered office are as follows:

Cairncross & Hempelmann, P.S.
524 Second Avenue, Suite 500
Seattle, WA 98104-2323

4. The address of the principal place of business of the limited liability company is:

401 Kirkland Park Place, Suite 410
Kirkland, WA 98033

5. Management of the limited liability company is vested in one or more managers:

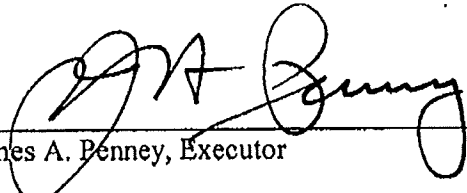
YES
NO

6. The name and address of each person executing this certificate are:

James A. Penney
Cairncross & Hempelmann, P.S.
524 Second Avenue, Suite 500
Seattle, WA 98104-2323

7. This certificate is effective upon filing.

DATED this 18th day of August, 2005.



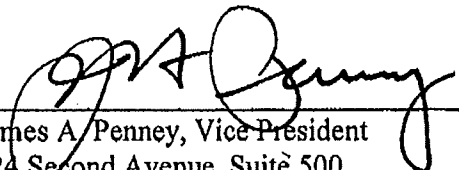
James A. Penney, Executor

CONSENT TO SERVE AS REGISTERED AGENT

Cairncross & Hempelmann, P.S. hereby consents to serve as Registered Agent, in the State of Washington, for Astound Broadband, LLC. It understands that as agent for the limited liability company, it will be its responsibility to receive service of process in the name of the limited liability company; to forward all mail to the limited liability company; and to immediately notify the office of the Secretary of State in the event of my resignation or of any changes in the registered office address.

August 18, 2005

Date


James A. Penney, Vice President
524 Second Avenue, Suite 500
Seattle, WA 98104-2323

Decision 05-10-039 October 27, 2005

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Application for Expedited Approval of the Transfer of Assets and Certificate of Public Convenience Necessity of Seren Innovations, Inc. (U-6184-C) to WaveDivision Holdings, LLC.

Application 05-07-008
(Filed July 11, 2005)

O P I N I O N

Applicants Seren Innovations, Inc. (Seren) and WaveDivision Holdings, LLC (Wave) filed this application on July 11, 2005, pursuant to Public Utilities Code Sections 851 through 854, for approval of the transfer of control of Seren's public utility assets and Certificate of Public Convenience and Necessity (CPCN) from Seren to Wave.¹ Approval of this transfer would permit Seren to turn over the provision of its telecommunications service and subscribers to Wave, which would continue to offer local, intraLocal Access Transport Area (LATA) toll and interexchange telecommunications services in California in accordance with Seren's tariff. Wave would adopt Seren's tariff at the time of the transfer.

On September 6, 2005, the applicants filed an amendment to their application to substitute Astound Broadband, LLC (Astound) as the transferee of Seren's operating authority and assets. Astound, a Washington limited liability

¹ The Commission granted Seren's CPCN in Decision (D.) 99-06-083.

company, is a newly created, wholly owned subsidiary of Wave, is registered to do business in the State of California, and is in good standing. No protests were filed in response to the original or amended application, and the application is therefore noncontroversial.

Seren is a corporation formed under the laws of Minnesota. In 1999 the Commission granted Seren a CPCN to provide facilities-based inter- and intra-local access and intraLATA services in California.² Wave is a Delaware limited liability company registered in the State of Washington. It is qualified to do business in California, and serves approximately 80,000 cable TV, digital cable, and high-speed internet customers in western Washington and southern California.

Wave does not hold, and has not previously applied for, a CPCN to provide telecommunications services in California, nor does it control any entity holding a CPCN to provide such services. It is not currently providing any telecommunications services to customers in California. It is the parent of Astound, which would be the transferee under the amended application. Upon completion of the transfer Astound would adopt Seren's existing tariff, and the services thereunder would be offered to the public on the same rates, terms and conditions as those offered by Seren. Astound would purchase Seren's assets and continue to provide the existing regulated telephone services in Contra Costa County that are now provided by Seren. Seren currently provides

² *Id.*

broadband services, including cable television, internet access and telephone service to subscribers in the County.³

The applicants do not specify why they have made this request, but they assert that consummation of the proposed transaction would serve the public interest by allowing Seren to exit the telecommunications market in an orderly fashion, and by promoting competition among providers of local and interexchange telecommunications services. These assertions are not contested.

Wave has furnished a letter in this proceeding stating that it has very recently entered into a Second Amended and Restated Credit Facility with Wells Fargo Bank, as agent, and four other lenders, providing an aggregate of \$165 million in borrowing capacity to be used in part to fund Astound's purchase of the Concord and Walnut Creek cable system owned by Seren. Astound is a party to this credit agreement. The consolidated statements of operations for Wave and its subsidiaries, which were filed under seal, demonstrate that Seren operated at slightly above the breakeven level for the period from the commencement of operation on March 1, 2003, through the year ended December 31, 2004, excluding interest and other expense, but experienced a net loss equivalent to more than ten per cent of total revenues after this expense was taken into account.

Astound did not submit an exhibit of its own to demonstrate technical and managerial qualifications, but it apparently relies upon the qualifications of Wave's management to satisfy these criteria. Wave has substantial managerial

³ The cable television franchises and licenses are the subject of separate transfer applications with local authorities in Contra Costa County and with the Federal Communications Commission.

and technical expertise in the field of telecommunications, and satisfies these criteria. In recognition of Astound's wholly-owned subsidiary relationship to Wave and its very recent creation, we infer that Astound will rely upon the same management and technical expertise in providing the services encompassed by its application after the proposed transfer.

Category and Need for Hearing

In Resolution ALJ 176-3156, dated July 21, 2005, the Commission preliminarily categorized this proceeding as ratesetting, and preliminarily determined that hearings were not necessary. Based on the record, we affirm that this is a ratesetting proceeding, and that hearings are not necessary.

Assignment of Proceeding

Susan P. Kennedy is the Assigned Commissioner and Victor D. Ryerson is the assigned Administrative Law Judge in this proceeding.

Comments on Draft Decision

This is an uncontested matter in which the decision grants the relief requested. Accordingly, pursuant to Public Utilities Code Section 311, subdivision (g)(2), the otherwise applicable 30-day period for public review and comment is being waived.

Findings of Fact

1. Seren is a corporation formed under the laws of Minnesota that provides facilities-based inter- and intra-local access and intraLATA services in California, pursuant to a CPCN granted by the Commission in D.99-06-083. It presently provides broadband services, including cable television, internet access and telephone service to subscribers in Contra Costa County.

2. Astound is a newly created limited liability company formed under the laws of Delaware, and is registered and authorized to do business in California. Astound is a wholly-owned subsidiary of Wave.

3. Astound seeks authority to acquire Seren's public utility assets and CPCN. Upon completion of the transfer Astound will adopt Seren's existing tariff, and the services thereunder will be offered to the public on the same rates, terms and conditions as they are now offered by Seren.

4. Astound is a party to the Second Amended and Restated Credit Facility with Wells Fargo Bank, as agent, and four other lenders, providing an aggregate of \$165 million in borrowing capacity to be used in part to fund Astound's purchase of the Concord and Walnut Creek cable system owned by Seren.

5. The operations that are the subject of this application constitute a going concern that operates at the breakeven or higher level, exclusive of interest and other expense.

6. Astound satisfies the Commission's requirement to have the cash or cash equivalent necessary to continue the provision of service without interruption.

7. Astound, through its parent, Wave, satisfies the Commission's requirement for managerial and technical expertise to provide the service.

8. No protests have been filed in response to the original application in this matter, or the amendment thereto.

Conclusions of Law

1. It would not be contrary to the public interest to approve Application (A.) 05-07-008.

2. A.05-07-008 should be granted, subject to the receipt of all necessary federal and local approvals.

3. The order should be granted on an expedited basis, and should become effective immediately.

O R D E R

IT IS ORDERED that:

1. Application 05-07-008 of Seren Innovations, Inc. (Seren) and WaveDivision Holdings, LLC for approval of the transfer of control of Seren's public utility assets and Certificate of Public Convenience and Necessity (CPCN) from Seren to Astound Broadband, LLC (Astound), a wholly-owned subsidiary of WaveDivision Holdings, LLC (Wave), is granted, subject to receipt of all federal and local approvals.
2. Seren and Astound shall notify the Director of the Commission's Telecommunications Division in writing of the transfer of authority authorized herein within 10 days of the date of consummation of the transfer. A true copy of the instruments of transfer shall be attached to the notification.
3. Seren and Astound shall make all books and records available for review and inspection upon Commission staff request.
4. Seren and Astound shall notify affected customers of the change of control prior to consummation of the transaction, and shall cause applicable tariffs to reflect the change of control.
5. The authority granted herein shall expire if not exercised within one year of the date of the order.
6. Seren and Wave's motion to file the Asset Purchase Agreement and Wave proprietary information under seal pursuant to Commission General Order 66-C is granted. These documents shall remain under seal for a period of two years from the date of this order unless, upon motion filed no later than 30 days prior to the expiration of that period, the Commission extends the period.

7. Application 05-07-008 is closed.

This order is effective today.

Dated October 27, 2005, at San Francisco, California.

MICHAEL R. PEEVEY
President
GEOFFREY F. BROWN
SUSAN P. KENNEDY
DIAN M. GRUENEICH
JOHN A. BOHN
Commissioners



2 of 2 DOCUMENTS

Order Instituting Rulemaking on the Commission's Own Motion into Competition for Local Exchange Service; Order Instituting Investigation on the Commission's Own Motion into Competition for Local Exchange Service

Decision 99-06-083, Rulemaking 95-04-043 (Filed April 26, 1995), Investigation 95-04-044 (Filed April 26, 1995) (Petition Nos. 132, 133, 134, 135, 136, 137, 138, 139, 140, and 142)

California Public Utilities Commission

1999 Cal. PUC LEXIS 528

June 24, 1999

PANEL: [*1]

Richard A. Bilas, President; Henry M. Duque, Josiah L. Neeper, Joel Z. Hyatt, Carl W. Wood, Commissioners

OPINION: As Corrected August 19, 1999.

[EDITOR'S NOTE: THE ORIGINAL SOURCE CONTAINED ILLEGIBLE WORDS AND/OR MISSING TEXT.]

OPINION

By this decision, we grant the petitions for certificates of public convenience and necessity (CPCN) to operate as facilities-based competitive local carriers (CLCs) and to offer resold local exchange services within the territories of Pacific Bell (Pacific), GTE California Incorporated (GTEC), Roseville Telephone Company (RTC), and Citizens Telephone Company (CTC), for those petitioners as set forth in Appendix B of this decision, subject to the terms and conditions included herein. We also grant petitioners' requests for intrastate interLocal Access and Transport Areas (interLATA) and intraLATA authority on a statewide basis as designated in Appendix B.

I. Background

We initially established rules for entry of facilities-based CLCs in Decision (D.) 95-07-054. Under those procedures, we processed a group of candidates that filed petitions for CPCNs by September 1, 1995, and granted authority effective January 1, 1996, for qualifying CLCs to provide facilities-based competitive [*2] local exchange service in the territories of Pacific and GTEC. We authorized CLCs seeking to provide resale-based services to begin operations on March 1, 1996. We further advised prospective entrants that any filings from nonqualifying CLCs, and any filing for CLC operating authority made after September 1, 1995, would be treated as standard applications and processed in the normal course of the Commission's business.

By D.96-12-020, effective January 1, 1997, we instituted quarterly processing cycles for granting CPCN authority for facilities-based CLCs in order to streamline the approval process for these particular carriers. Since we had been processing the environmental impact review required under the California Environmental Quality Act (CEQA) on a consolidated basis for groups of qualifying facilities-based CLCs, we concluded in D.96-12-020 that it would be more efficient and consistent to process other aspects of the CLC filings on a consolidated basis, as well. Accordingly, we directed that any CLC filing on or after January 1, 1997, for facilities-based CPCN authority was to make its filing in the form of a petition to be docketed in Investigation (I.) 95-04-044 that would [*3] be processed quarterly on a consolidated basis. CLCs seeking only resale authority continued to file individual applications.

On September 24, 1997, we adopted D.97-09-115 in which we extended the coverage of our adopted rules for local exchange competition to include the service territories of California's two midsized local exchange carriers (MSLECs), RTC and CTC. In that decision, we also authorized candidates seeking CLC CPCN authority within the MSLECs' territories to immediately begin making filings following the applicable entry rules previously adopted in D.95-07-054 and subsequent decisions. Specifically, requests for CLC CPCN authority for facilities-based service were to be filed in the form of a petition docketed in I.95-04-044, while resellers have sought authority through applications. In D.98-01-055, we approved the first group of petitions for facilities-based CPCNs to offer local exchange service within the MSLEC territories.

In this decision, we approve CPCNs for those facilities-based CLCs which filed petitions during the first quarter of 1999 and satisfied all applicable rules for certification as established in Rulemaking (R.) 95-04-043. The Petitioners identified [*4] in Appendix B will be authorized to begin offering service upon the filing of tariffs and compliance with the terms and conditions set forth in this order.

II. CEQA Review

We have reviewed the petitions for compliance with CEQA. CEQA requires the Commission to assess the potential environmental impact of a project in order that adverse effects are avoided, alternatives are investigated, and environmental quality is restored or enhanced to the fullest extent possible. To achieve this objective, Rule 17.1 of the Commission's Rules requires the proponent of any project subject to Commission approval to submit with the petition for approval of such project a Proponent's Environmental Assessment (PEA). The PEA is used by the Commission to focus on any impacts of the project which may be of concern, and prepare the Commission's Initial Study to determine whether the project needs a Negative Declaration or an Environmental Impact Report (EIR).

Based on its assessment of the facilities-based petitions and PEAs, the Commission staff prepared a Negative Declaration and Initial Study generally describing the facilities-based Petitioners' projects and their potential environmental effects. [*5] The Negative Declaration prepared by the Commission staff is considered a Mitigated Negative Declaration (MND). This means that, although the initial study identified potentially significant impacts, revisions which mitigate the impacts to a less than significant level have been agreed to by the Petitioners. (*Pub. Res. Code* § 21080(c)(2).)

A. Results of the Negative Declaration

On April 29, 1999, the Negative Declaration and Initial Study were sent to various city and county planning agencies, as well as public libraries throughout the state for review and comment by May 28, 1999. The Commission staff prepared a public notice which announced the preparation of the draft negative declaration, the locations where it was available for review, and the deadline for written comments. The public notice was advertised in newspapers throughout the state. The draft Negative Declaration was also submitted to the Governor's Office of Planning and Research where it was circulated to affected state agencies for review and comment.

Public comments on the draft Negative Declaration were reviewed and answered, as necessary. The Commission staff then finalized the MND covering all facilities-based [*6] CLC petitions listed in Appendix B. The finalized MND includes a list of mitigation measures with which the CLCs must comply as a condition of their CPCN authority. The MND includes a Mitigation Monitoring Plan to ensure that the mitigation measures are followed and implemented as intended. A copy of the MND is attached to this decision as Appendix D. We hereby approve the MND as finalized by staff. Concurrently with our approval of the MND, we grant the request of the Petitioners in Appendix B for CPCN authority subject to the terms and conditions set forth in our order below.

B. Required Payment of CEQA Deposit

Commission Decision 97-04-046 stipulates that all petitioners for CLC authority must submit with their filing an initial payment of \$ 2000 to cover CEQA costs. The \$ 2000 payment is used to cover the Commission's costs for preparing and publishing the Mitigated Negative Declaration for each qualifying petitioner, as required by CEQA law. As of the date of this order, the Commission has received payment of the required \$ 2000 deposit from each of the CLCs, as identified in Appendix B.

III. Review of CPCN Petitions

A. Overview

The CLC petitions have been reviewed [*7] for compliance with the certification-and-entry rules (Rules) adopted in Appendices A and B of D.95-07-054 and subsequent decisions in R.95-04-043/I.95-04-044. Consistent with our goal of promoting a competitive market as rapidly as possible, we are granting authority to all of the facilities-based CLCs that filed during the first quarter of 1999 and met the Rules. The Rules are intended to protect the public against unqualified or unscrupulous carriers, while also encouraging and easing the entry of CLC providers to promote the rapid growth of competition.

Petitioners had to demonstrate that they possessed the requisite managerial qualifications, technical competence, and financial resources to provide facilities-based local exchange service. Petitioners were also required to submit proposed tariffs which conform to the consumer protection rules set forth in Appendix B of D.95-07-054. In response to a notice of tariff deficiencies, the various petitioners submitted tariff corrections. Except for the outstanding deficiencies noted in Appendix C, the petitioners' proposed tariffs are found to be satisfactory with no deficiencies noted.

As prescribed in Rule 4.B.(1), prospective facilities-based [*8] CLCs must also show that they possess a minimum of \$ 100,000 in cash or cash-equivalent resources, as defined in the Rules. In order to demonstrate that they possess the requisite financial resources, petitioners submitted copies of recent financial statements. Because the financial statements contain commercially sensitive information, the petitioners filed motions for limited protective orders to restrict the financial statements and related documents containing commercially sensitive information from public disclosure pursuant to General Order (GO) 66-C. We grant those motions as prescribed in our order below.

Based upon our review, we conclude that each of the facilities-based Petitioners identified in Appendix B, has satisfactorily complied with our certification requirements for entry, including the consumer protection rules set forth in D.95-07-054, subject to correcting any tariff deficiencies in Appendix C, payment of the required CEQA deposit, and satisfying the additional conditions set forth in the ordering paragraphs below. Accordingly, we grant these Petitioners authority to offer facilities-based and resold local exchange service within the territories of Pacific and [*9] GTEC and, where requested, within the CTC and RTC territories. We also grant the statewide inter- and intraLATA authority as requested.

Pursuant to D.97-09-115, CLC resale authority within the RTC and CTC territories was authorized to become effective on or after April 1, 1998. As we stated in D.97-09-115, until the time that tariffed wholesale discount rates are adopted for RTC and CTC, individual CLCs certificated to resell local service within the CTC/RTC territories may enter into negotiations with each of the MSLECs to seek agreement on an interim wholesale discount rate. Disputes over the terms of resale arrangements may be submitted to the Commission for arbitration pursuant to the provisions of Section 252(b)(1) of the Telecommunication Act of 1996 and Commission Resolution ALJ-174.

B. Motion of DSLnet

DSLnet Communications, LLC ("DSLnet"), attempted to file a petition (# 142) for CLC local exchange authority on March 31, 1999, with the intention of being included in the Commission's quarterly "batch" review of such petitions filed during the first quarter of 1999. However, DSLnet subsequently learned that, due to certain confusion surrounding whether DSLnet's Petition [*10] was complete for purposes of the Commission's review, the Commission did not technically accept DSLnet's petition until April 13, 1999. As a result, it is now too late for DSLnet's Petition to be included in the Commission's quarterly review process for such petitions filed during the first quarter of 1999, at least to the extent DSLnet seeks facilities-based authority.

Nonetheless, in order to allow DSLnet to initiate competitive telecommunications service in California as soon as possible, DSLnet filed a motion on May 4, 1999, asking the Commission to: (1) immediately consider the portion of DSLnet's Petition seeking authority to resell local exchange telecommunications services, and (2) consider the portion of DSLnet's Petition seeking facilities-based authority in the Commission's quarterly review process for Petitions filed during the second quarter of 1999.

No party has objected to the motion of DSLnet. We consider the request of DSLnet for consideration of the resale portion of its petition in the current quarterly review to be reasonable, under the circumstances and shall grant it.

Due to the timing requirements relating to the Mitigated Negative Declaration, DSLnet's request [*11] for facilities-based authority cannot be considered during the current quarter, but shall be deferred to the subsequent quarterly review period.

IV. Compliance With Section 311

In compliance with *Pub. Util. Code Section 311 (g)(2)*, this is an uncontested matter in which the decision grants the relief requested. Accordingly, pursuant to *Pub. Util. Code Section 311 (g)(2)*, the otherwise applicable 30-day period for public review and comment is being waived.

Findings of Fact

1. Nine petitioners filed requests during the first quarter of 1999 seeking a CPCN to provide competitive local exchange services in the territories of various California incumbent local exchange carriers as set forth in Appendix B.

2. An additional petitioner, DSLnet attempted to file during the first quarter, but the filing was not actually docketed until April 13, 1999. DSLnet subsequently filed an uncontested motion seeking to have its request for CLC resale authority to be considered as part of the first quarterly group of CLCs.

3. No protests to the CLC petitioners have been filed.

4. A hearing is not required.

5. By prior Commission decisions, we authorized competition in providing local exchange [*12] telecommunications service within the service territories of Pacific, GTEC, RTC, and CTC for carriers meeting specified criteria.

6. The Petitioners listed in Appendix B have demonstrated that each of them has a minimum of \$ 100,000 in cash or cash equivalent reasonably liquid and readily available to meet its start-up expenses.

7. Petitioners' technical experience is demonstrated by supporting documentation which provides summary biographies of their key management personnel.

8. Except as noted in Appendix C, Petitioners have each submitted a complete draft of their initial tariff which complies with the requirements established by the Commission, including prohibitions on unreasonable deposit requirements.

9. Commission D.97-04-046 stipulates that all petitioners for CLC authority must submit with their filing an initial payment of \$ 2,000 to cover the Commission's costs for preparing and publishing the Mitigated Negative Declaration pursuant to CEQA.

10. Each of the CLCs, as identified in Appendix B, has submitted the required \$ 2,000 CEQA deposit as of the date of this order.

11. By D.97-06-107, petitioners or applicants for CLC authority are exempt from Rule 18(b).

12. Exemption [*13] from the provisions of *Pub. Util. Code §§ 816-830* has been granted to other nondominant carriers. (See, e.g., D.86-10-007 and D.88-12-076.)

13. The transfer or encumbrance of property of nondominant carriers has been exempted from the requirements of *Pub. Util. Code § 851* whenever such transfer or encumbrance serves to secure debt. (See D.85-11-044.)

Conclusions of Law

1. Each of the Petitioners listed in Appendix B has the financial ability to provide the proposed services, and has made a reasonable showing of technical expertise in telecommunications.

2. Public convenience and necessity require the competitive local exchange services to be offered by Petitioners subject to the terms, conditions, and restrictions set forth below.

3. Each Petitioner is subject to:

a. The current 0.0% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the Universal Lifeline Telephone Service (*Pub. Util. Code § 879*; Resolution T-16245, December 3, 1998);

b. The current 0.192% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California [*14] Relay Service and Communications Devices Fund (*Pub. Util. Code § 2881*; Resolution T-16234; D.98-12-073, December 17, 1998);

c. The user fee provided in *Pub. Util. Code §§ 431-435*, which is 0.11% of gross intrastate revenue for the 1998-1999 fiscal year (Resolution M-4789);

d. The current surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California High Cost Fund-A (*Pub. Util. Code § 739.30*; D.96-10-066, pp. 3-4, App. B, Rule 1.C; Resolution T-16242 at 0.0% for 1999, December 3, 1998);

e. The current 3.8% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California High Cost Fund-B (D.96-10-066, p. 191, App. B, Rule 6.F., Resolution T-16244, December 3, 1998); and,

f. The current 0.05% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California Teleconnect Fund (D.96-10-066, p. 88, App. B, Rule 8.G, Resolution T-16165; August 1, 1998).

4. Petitioners should be exempted from Rule 18(b).

5. Petitioners should be exempted from *Pub. Util. [*15] Code §§ 816-830*.

6. Petitioners should be exempted from *Pub. Util. Code § 851* when the transfer or encumbrance serves to secure debt.

7. Each of the Petitioners must agree to, and is required to, carry out any specific mitigation measures adopted in the Mitigated Negative Declaration (MND), attached as Appendix D, in compliance with CEQA.

8. With the incorporation of the specific mitigation measures in the final MND, the Petitioners' proposed projects will not have potentially significant adverse environmental impacts.

9. The Petitioners should be granted CPCNs subject to the terms, conditions, and restrictions set forth in the order below.

10. Any CLC which does not comply with our rules for local exchange competition adopted in R.95-04-043 shall be subject to sanctions including, but not limited to, revocation of its CLC certificate.

ORDER

IT IS ORDERED that:

1. A certificate of public convenience and necessity (CPCN), shall be granted to each of the Petitioners listed in Appendix B (Petitioners) to permit each of them to operate as a facilities-based provider of competitive local exchange telecommunications services, as a reseller of competitive local exchange telecommunications [*16] services within the service territories as noted in Appendix B and, as a statewide nondominant interexchange carrier (NDIEC), as noted in Appendix B, contingent on compliance with the terms identified in Appendix B and in the remainder of this order.

2. Each Petitioner shall file a written acceptance of the certificate granted in this proceeding prior to commencing service.

3. a. The Petitioners are authorized to file with this Commission tariff schedules for the provision of competitive local exchange, intraLATA (Local Access Transport Area) toll and intrastate interLATA services, as applicable. The Petitioners may not offer these services until tariffs are on file, and until any applicable deficiencies as noted in Appendix C have been corrected. Petitioners' initial filing shall be made in accordance with General Order (GO) 96-A, excluding Sections IV, V, and VI, and shall be effective not less than one day after approval by the Telecommunications Division.

b. The Petitioners are competitive local carriers (CLCs). The effectiveness of each of their future tariffs is subject to the schedules set forth in Decision (D.) 95-07-054, Appendix A, § 4E.

A. "E. CLCs shall be subject [*17] to the following tariff and contract-filing, revision and service-pricing standards:

"(1) Uniform rate reductions for existing tariff services shall become effective on five (5) working days' notice to the Commission. Customer notification is not required for rate decreases.

"(2) Uniform major rate increases for existing tariff services shall become effective on thirty (30) days' notice to the Commission, and shall require bill inserts, or a message on the bill itself, or first class mail notice to customers at least 30 days in advance of the pending rate increase.

"(3) Uniform minor rate increases, as defined in D.95-07-054, shall become effective on not less than five (5) working days' notice to the Commission. Customer notification is not required for such minor rate increases.

"(4) Advice letter filing for new services and for all other types of tariff revisions, except changes in text not affecting rates or relocations of text in the tariff schedules, shall become effective on forty (40) days' notice to the Commission.

"(5) Advice letter filings revising the text or location of text material which do not result in an increase in any rate or charge shall become effective [*18] on not less than five (5) days' notice to the Commission.

"(6) Contracts shall be subject to GO 96-A rules for NDIECs, except interconnection contracts.

"(7) CLCs shall file tariffs in accordance with Public Utilities (Pub. Util.) Code Section 876."

4. The Petitioners may deviate from the following provisions of GO 96-A: (a) paragraph II.C.(1)(b), which requires consecutive sheet numbering and prohibits the reuse of sheet numbers, and (b) paragraph II.C.(4), which requires that "a separate sheet or series of sheets should be used for each rule." Tariff filings incorporating these deviations shall be subject to the approval of the Commission's Telecommunications Division. Tariff filings shall reflect all fees and surcharges to which Petitioners are subject, as described in Conclusion of Law 3. Petitioners are also exempt from GO 96-A Section II.G.(1) and (2) which require service of advice letters on competing and adjacent utilities, unless such utilities have specifically requested such service.

5. Each Petitioner shall file as part of its initial tariffs, after the effective date of this order and consistent with Ordering Paragraph 3, a service area map.

6. Prior to initiating [*19] service, each Petitioner shall provide the Commission's Consumer Services Division with the Petitioner's designated contact persons for purposes of resolving consumer complaints and the corresponding telephone numbers. This information shall be updated if the names or telephone numbers change or at least annually.

7. Where applicable, each Petitioner shall notify this Commission in writing of the date local exchange service is first rendered to the public within five days after service begins. The same procedure shall be followed for the authorized intraLATA and interLATA services, where applicable.

8. Each Petitioner shall keep its books and records in accordance with generally accepted accounting principles.

9. Petitioners shall each file an annual report, in compliance with GO 104-A, on a calendar-year basis using the information-request form developed by the Commission Staff and contained in Appendix A.

10. Petitioners shall ensure that its employees comply with the provisions of *Pub. Util. Code § 2889.5* regarding solicitation of customers.

11. The certificate granted and the authority to render service under the rates, charges, and rules authorized will expire if not exercised [*20] within 12 months after the effective date of this order.

12. The corporate identification number assigned to each Petitioner, as set forth in Appendix B, shall be included in the caption of all original filings with this Commission, and in the titles of other pleadings filed in existing cases.

13. Within 60 days of the effective date of this order, each Petitioner shall comply with *Pub. Util. Code § 708*, Employee Identification Cards, reflecting its authority, and notify the Director of the Telecommunications Division in writing of its compliance.

14. Each Petitioner is exempted from the provisions of *Pub. Util. Code §§ 816-830*.

15. Each Petitioner is exempted from *Pub. Util. Code § 851* for the transfer or encumbrance of property, whenever such transfer or encumbrance serves to secure debt.

16. If any Petitioner is 90 days or more late in filing an annual report or in remitting the fees listed in Conclusion of Law 4, Telecommunications Division shall prepare for Commission consideration a resolution that revokes that Petitioner's CPCN, unless that Petitioner has received written permission from Telecommunications Division to file or remit late.

17. The Final Mitigated Negative Declaration, [*21] including the Mitigation Monitoring Plan, attached as Appendix D of this decision is hereby approved and adopted.

18. Each of the Petitioners listed in Appendix B shall comply with the conditions and carry out the mitigation measures outlined in the adopted Mitigated Negative Declaration.

19. Each of the Petitioners shall provide the Director of the Commission's Energy Division with reports on compliance with the conditions and implementation of mitigation measures under the schedule outlined in the Mitigated Negative Declaration.

20. Petitioners shall comply with the consumer protection rules set forth in Appendix B of D.95-07-054.

21. Petitioners shall comply with the Commission's rules for local exchange competition in California that are set forth in Appendix C of D.95-12-056, including the requirement that CLCs shall place customer deposits in a protected, segregated, interest-bearing escrow account subject to Commission oversight.

22. Petitioners shall comply with the customer notification and education rules adopted in D.96-04-049 regarding the passage of calling party number.

23. Petitioners' respective motions for a limited protective order keeping designated documents containing [*22] financial and other operating information confidential are granted. Such documents will remain under seal for one year from today unless a petitioner makes a timely request for extension of confidential treatment of its documents by filing a separate motion with good cause shown.

24. The motion of DSLnet to have the resale portion of its CLC petition considered in the current quarterly cycle is granted.

25. The petitions listed in Appendix B are granted only as set forth above.

This order is effective today.

Dated June 24, 1999, at San Francisco, California.

APPENDIX A

TO: ALL COMPETITIVE LOCAL CARRIERS AND INTEREXCHANGE TELEPHONE UTILITIES

Article 5 of the Public Utilities Code grants authority to the California Public Utilities Commission to require all public utilities doing business in California to file reports as specified by the Commission on the utilities' California operations.

A specific annual report form has not yet been prescribed for the California interexchange telephone utilities. However, you are hereby directed to submit an original and two copies of the information requested in Attachment A no later than March 31st of the year following the calendar year [*23] for which the annual report is submitted.

Address your report to:

California Public Utilities Commission
 Auditing and Compliance Branch, Room 3251
 505 Van Ness Avenue
 San Francisco, CA 94102-3298

Failure to file this information on time may result in a penalty as provided for in §§ 2107 and 2108 of the Public Utilities Code.

If you have any question concerning this matter, please call (415) 703-1961.

Information Requested of California Competitive Local Carriers and Interexchange Telephone Utilities.

To be filed with the California Public Utilities Commission, 505 Van Ness Avenue, Room 3251, San Francisco, CA 94102-3298, no later than March 31st of the year following the calendar year for which the annual report is submitted.

1. Exact legal name and U # of reporting utility.
2. Address.
3. Name, title, address, and telephone number of the person to be contacted concerning the reported information.
4. Name and title of the officer having custody of the general books of account and the address of the office where such books are kept.
5. Type of organization (e.g., corporation, partnership, sole proprietorship, etc.). If incorporated, specify:
 - a. Date of filing [*24] articles of incorporation with the Secretary of State.
 - b. State in which incorporated.
6. Commission decision number granting operating authority and the date of that decision.
7. Date operations were begun.
8. Description of other business activities in which the utility is engaged.
9. A list of all affiliated companies and their relationship to the utility. State if affiliate is a:
 - a. Regulated public utility.
 - b. Publicly held corporation.
10. Balance sheet as of December 31st of the year for which information is submitted.
11. Income statement for California operations for the calendar year for which information is submitted.

(END OF APPENDIX A)

APPENDIX B

LISTING OF PETITIONERS GRANTED CPCN AUTHORITY

Requested Authority

Granted

Name of Petitioner	Petition No.	Utility U-No.
1. Eagle Communications of California, LLC	132	U-6182C
2. US Data Highway Corp. 2,	133	U-6183C
3. Seren Innovations, Inc. 2	133	U-6184C
4. HTC Communications, LLC 2	135	U-6185C

Name of Petitioner	Petition No.	Utility U-No.
5. Network Plus, Inc.	136	U-6186C
6. Campuslink Communications Systems, Inc. 2	137	U-6187C
7. XL Networks, Inc.	138	U-6188C
8. Triad Communications Corporation 2,	139	U-6189C
9. NTC Network, LLC 2	140	U-6190C
10. DSLnet Communications, LLC 3	142	U-6191C

[*25]

Name of Petitioner	Local Exchange 1 Facilities-based Resale		Statewide Inter/Intra- LATA
1. Eagle Communications of California, LLC	X	X	
2. US Data Highway Corp. 2,	X	X	
3. Seren Innovations, Inc. 2	X	X	X
4. HTC Communications, LLC 2	X	X	X
5. Network Plus, Inc.	X	X	X
6. Campuslink Communications Systems, Inc. 2	X	X	X
7. XL Networks, Inc.	X	X	X
8. Triad Communications Corporation 2,	X	X	X
9. NTC Network, LLC 2	X	X	X
10. DSLnet Communications, LLC 3		X	

1 Unless otherwise indicated, the authorized local exchange service territory of each CLC petitioner is limited to the ILEC service territories of Pacific, GTEC.

2 The authorized local exchange territory for this carrier encompasses the ILEC service territories of Pacific, GTEC, RTC, and CTC.

3 The facilities-based portion of the DSLnet petition shall be considered during the next quarterly review period.

APPENDIX C

LIST OF CLC Tariff Deficiencies

Eagle Communications, Pet. 132

Eagle Communications was to file a supplement to its petition as previously requested by the Telecommunications Staff to correct the many deficiencies to its tariffs. [*26] To date, it has not filed a supplement to correct the identified deficiencies. Eagle must file a revised set of tariffs that fully comply with D.95-07-054, D.95-12-056, D.95-12-057, D.96-04-049.

Network Plus - Pet. 136

Deficiencies in Network Plus's Proposed Tariffs

1. On each tariff sheet, (1) replace the phrase above the top horizontal line "Local Exchange Services" to "Competitive Local Carrier Tariff" and (2) add a vertical line on both the left and right margins.

2. Sheet No. 3, Preliminary Statement, 1.1, last paragraph. Replace the phrase "to resell local exchange telecommunications services within the State of California" to "to provide facilities-based and resale local exchange services as a competitive local carrier in the service areas of Pacific Bell, GTEC, Citizens and Roseville Telephone Companies."

3. Sheet No. 13, Rule 1, Definitions. Include the definitions adopted in Decision 95-07-054 for: (1) Major Rate Increase, and (2) Minor Rate Increase.

4. Sheet No. 17, Rule 3, Customer Application for Service. Revise tariffs to fully comply with the provisions of Rule 2, Appendix B of Decision 95-07-054, (e.g., service initiation based on a written or oral agreement; [*27] confirmation letter

5. briefly describing services, in case of an oral agreement; statement of terms/conditions for all new customers, etc.).

6. Sheet No. 18, Rule 5, Contracts and Agreements. Delete language reeffectivity on five days' notice for "subsequent completed contracts." All contracts shall be subject to the 40-day notice until revised by the Commission.

7. Sheet No. 19. (1) Rule 6, Special Information Required on Forms. Revise tariff language to fully comply with the provisions of Rule 3(A) and (B), Appendix B of Decision 95-07-054. (2) Rule 7, Establishment and Re-establishment of Credit. Include language on situations when deposits are not required. (See Rule 4, Appendix B of Decision 95-07-054.)

8. Sheet No. 20. (1) Rule 8, Advance Payments. Revise tariff language to indicate that advance payments shall be credited on the customer's first bill. (2) Deposits. Include language on the interest rate to be added to deposits. (See Rule 5, Appendix B of Decision 95-07-054.)

9. Sheet No. 21, Rule 9, Notices. (1) Revise tariff to indicate that cancellation of service by customers may be either verbal or written. (2) Include tariff language on rates and rate revisions and [*28] information on notices of discontinuance by a competitive local carrier. (See Rule 6, Appendix B of Decision 95-07-054.)

10. Sheet No. 22, Rule 10, Cancellation of Service by Company. Revise tariff to indicate that notice of discontinuance of service by a company for nonpayment of bills shall be provided in writing by first class mail to the customer not less than 7 calendar days prior to termination.

11. Sheet No. 25, Rule 16, Rendering and Payment of Bills. Note that a five-month back billing period for error files and one and one-half years back billing period for fraud are applicable only to interexchange service providers. Revise tariff accordingly. (See Decision 88-09-061.)

12. Sheet Nos. 27 through 31, Liability of the Company. Adopt either Pacific Bell's or GTEC's limitation of liability. The limitation of liability of these companies are appended to Decision 95-12-057.

13. Sheet 36, Rule 25, Additional Provisions, etc., Section D. Include language to indicate that deposits will be refunded with interest within 30 days after discontinuance of service or 12 months of service, whichever comes first.

14. Sheet 37, Rule 26, Additional Provisions, etc. Comply with the back billing [*29] provisions of Decision 88-09-061 for local exchange service providers.

15. Sheet 68, Custom Calling Services. Briefly describe each feature. Delete any reference to Caller ID service. This service can only be provided upon compliance with the customer notification and education rules adopted in Decision 96-04-049.

16. Sheet 72, Taxes and Surcharges. Update the applicable California surcharges. The current surcharges are: (1) Reimbursement Fee - 0.11%; (2) ULTS - 0.00%; (3) CHCF-A-0.00%; (4) CHCF-B - 3.8%; (5) California Relay Service & Communications Devices Fund - 0.192%; (6) California Teleconnect Fund - 0.05%.

17. Include tariffs on: (1) Directories, (2) Non-published service, (3) Demarcation points, (4) Pro-rating of bills, (5) Change of service provider,

(6) Blocking of 976/900 calls, (7) Access to 911 by residential customers disconnected for nonpayment, (8) Switched access, (9) Number portability, (10) Privacy, (11) Universal Lifeline Telephone Service (ULTS) rates and income limitations, and (12) Sample forms. The forms may be filed with the company's initial tariff filing. (See Decision 95-07-054.)

NTC has to file a full set of tariffs [*30] in compliance with D.95-07-054, etc.

(END OF APPENDIX C)

APPENDIX D

NEGATIVE DECLARATION (14)

Competitive Local Carriers' (CLCs)

Projects for Local Exchange Telecommunications Service throughout California.

The subject of this Negative Declaration are nine current petitions/applications for authorization to provide facilities based local telephone services. (See Appendix B).

The California Public Utilities Commission is the lead agency in approving these petitioners' intent to compete in the local exchange market. Additional approvals by other agencies may be required depending upon the scope and type of construction proposed by the petitioner (e.g. federal, other state agencies, and ministerial permits by local agencies).

Because the subject projects of the nine current petitioners are similar, with some modifications, to the projects proposed by the past petitioners, the Commission incorporates, in whole, Negative Declaration 13 for these nine petitions/applications, and will refer to the incorporated documents as "Negative Declaration 14" (Section 15150 of CEQA Guidelines). **The public comment period for the Draft Negative Declaration 14 begins [*31] on April 29, 1999 and expires on May 28, 1999.** Comments should be addressed to: John Boccio, Project Manager, California Public Utilities Commission, Energy Division, 505 Van Ness Avenue, San Francisco, CA 94102, Fax: (415) 703-2200, E-Mail: jbx@cpsc.ca.gov. For further information call Mr. Boccio at (415) 703-2641.

BACKGROUND

The California Public Utilities Commission's Decision 95-07-054 enables telecommunications companies to compete with local telephone companies in providing local exchange service. Previous to this decision, local telephone service was monopolized by a single utility per service territory. The Commission initially received 66 petitions from companies to provide competitive local telephone service throughout areas presently served by Pacific Bell and GTE California. The 66 petitioners included cable television companies, cellular (wireless) companies, n1 long-distance service providers, local telephone service providers, and various other telecommunication companies that specialize in transporting data.

n1 Wireless companies covered in the Negative Declarations adopted by the Commission for entry in the local telephone market are also subject to Commission General Order (G.O. 159A). G.O. 159A delegates to local governments the authority to issue discretionary permits for the approval of proposed sites for wireless facilities. Commission adoption of the Negative Declarations is not intended to supersede or invalidate the requirements contained in General Order 159A.

[*32]

Forty of the sixty-six petitions were for approval of facilities-based services, which means that the petitioners proposed to use their own facilities in providing local telephone service. The remaining 26 petitions were strictly for approval of resale-based services, meaning that telephone service will be resold using another competitor's facilities. (Most of the facilities-based petitioners offer resale-based services as well.) The 40 facilities-based petitions indicated that physical modifications to existing facilities may be required, and construction of new facilities was a possibility in the long-term. The 26 resale-based petitions were strictly financial and billing arrangements that involved no construction and were therefore considered to be exempt from the California Environmental Quality Act (CEQA) (*Public Resources Code Sections 21000 et seq.*).

The Commission issued a draft Negative Declaration for the initial 40 facilities-based petitioners in October 1995. Comments on the draft Negative Declaration covered issues such as traffic congestion, public safety, cumulative impacts, aesthetic impacts, and physical wear on streets. These comments were addressed and the Negative [*33] Declaration was modified to some extent in response to the comments. In December 1995, Commission Decision D.95-12-057 adopted a final mitigated Negative Declaration finding that the proposed projects of the initial 40 facili-

ties-based petitioners would not have potentially significant environmental effects with specified mitigation measures incorporated by the projects.

Following the adoption of D.95-12-057, the Commission received eight additional petitions for facilities-based services. The eight petitioners included cable television companies, resale-based providers approved by D.95-12-057, and other telecommunication companies. Following the public comment period, the Commission made minor modifications to the first Negative Declaration, and in September 1996, the Commission adopted the second Negative Declaration for these eight companies (D.96-09-072). (This Negative Declaration is sometimes referred to as "Negative Declaration II"). In January 1997, the Commission adopted a third Negative Declaration for eight more facilities-based petitioners. "Negative Declaration III" is virtually the same document as Negative Declaration II because the proposed projects of the eight [*34] petitioners were no different from the projects proposed by the two groups of petitioners that preceded them. Following the issuance of Negative Declaration III, ten subsequent Negative Declarations, Negative Declaration IV (D.97-04-011), Negative Declaration V (D.97-06-100), Negative Declaration VI (D.97-09-110), Negative Declaration VII (D.97-12-084), Negative Declaration IX (D.98-03-066), Negative Declaration X (D.98-06-067), Negative Declaration 11 (D.98-09-66), and Negative Declaration 12 (D.98-12-083) and Negative Declaration 13 (D.99-03-050) have been adopted by the Commission in granting authority to provide facilities based local telecommunication services under essentially the same circumstances. (Negative Declaration VIII addressed telecommunication companies petitioning to provide services in the Roseville Telephone Company and Citizens Telephone Company of California service areas only). Negative Declaration IV addressed nine petitioners, Negative Declaration V addressed six petitioners, Negative Declaration VI addressed eight petitioners, Negative Declaration VII addressed five petitioners, Negative Declaration VIII addressed eleven petitioners, Negative Declaration IX [*35] addressed eleven petitioners, Negative Declaration X addressed two petitioners and Negative Declaration 11 addressed eight petitioners and Negative Declaration 12 addressed twelve petitioners.

PROJECT DESCRIPTION

Following the adoption of Negative Declaration 13, the Commission received nine more petitions/applications for facilities-based services. These petitioners are the subject of this Negative Declaration. (See Appendix B for a list of the current facilities-based petitioners.)

Similar to the earlier petitioners, most of the current petitioners are initially targeting local telephone service for areas where their telecommunications infrastructure is already established, and therefore only minor construction is envisioned. Services provided will include but not be limited to voice, data, video, internet and other telecommunications services. The petitioners will need to make some modifications to their existing facilities; these modifications are minor in nature, the most common being the installation of a switch that connects potential customers to outside systems. Switch installation is necessary because customers receiving a particular type of service may not [*36] have access to local telephone networks. For example, customers receiving cable television service are presently unable to connect to local telephone networks because of the differences in modes of service. A switch installation by a cable television provider is one step that makes the connection possible. Switch installation is considered a minor modification because it typically involves a single installation within an existing central communication facility or building.

Besides the minor modifications, some of the companies are planning to install their own fiber optic cables to provide adequate service. Cables will be installed within existing utility underground conduits or ducts, or attached to utility poles with existing overhead lines whenever possible. Fiber optic cables are extremely thin, and existing conduits will likely be able to hold multiple cables. However, if existing conduits or poles are unable to accommodate additional cables, then new conduits or poles will need to be constructed by the petitioner. In this case, the petitioners will construct within existing utility rights-of-way. There is also the possibility that the petitioners may attempt to access other [*37] rights-of-way (such as roads) to construct additional conduits. Extension of existing rights-of-way into undisturbed areas is not likely, but a possibility.

The installation of fiber optic cables into underground conduits will vary in complexity depending upon the conditions of the surrounding area. For example, in urban, commercial areas, utility conduits can be accessible with minimal groundbreaking and installation simply requires stringing the cable through one end of the conduit and connecting it to the desired end. In this case, major excavation of the right-of-way is unnecessary. However, there may also be conditions where access to the conduit will require trenching and excavation.

Some of the petitioners have plans to construct service boxes or cabinets which contain batteries for the provision of power or emergency power. The dimensions of the boxes vary, but basically range from three to five feet in height. Depending upon the type of technology and facilities operated by the petitioner, smaller service boxes (approximately 3 inches in height) would be used for power supply and backup power. Those petitioners who have no plans to use such boxes already have capable [*38] power and backup power within their existing facilities. The petitioners who will need such boxes, have committed to placing the boxes in existing buildings, or in underground vaults. If conditions do not permit building or underground installation, the petitioners would use small low-profile boxes that are landscaped and fenced.

While most of the petitioners will initially compete for customers in urban, commercial and residential zones where telecommunication infrastructure is already in place, some petitioners state their intention or right to compete on a state wide basis wherever competition is permitted. However it is unclear at this time if all areas will be affected by the projects because many petitioners are not specific where they intend to compete in the long-run.

ENVIRONMENTAL DETERMINATION

An Initial Study was prepared to assess the projects' potential effects on the environment, and the respective significance of those effects. Based on the Initial Study, the CLCs' projects for competitive local exchange service have the potential to cause significant adverse effects on the environment in the area of Land Use and Planning, Geological Resources, Water, Air [*39] Quality, Transportation and Circulation, Hazards, Noise, Public Services, Aesthetic and Cultural Resources. The projects will have less than a significant effect in other resource areas of the checklist. It should be noted that Findings 2 through 10 are for those projects which require work within existing utility rights-of-way for the purpose of modifying existing facilities or installing new facilities. Finding 1 is applicable for work outside of the existing utility rights-of-way.

In response to the Initial Study, the following specific measures should be incorporated into the projects to assure that they will not have any significant adverse effects on the environment. (See *Public Resources Code Section 21064.5*.)

As a general matter, many of the mitigation measures rely on compliance with local standards and the local ministerial permit process. Although local safety and aesthetic input is essential in minimizing the impact of the petitioner's construction, local jurisdictions cannot impose standards or permit requirements which would prevent petitioners from developing their service territories, or otherwise interfere with the statewide interest in competitive telecommunication [*40] service. Therefore, the petitioners' required compliance with local permit requirements is subject to this limitation.

The findings of the draft Negative Declaration were modified in response to comments filed during the public comment period from Negative Declarations II and IV. Changes are marked by italics.

1. The proposed projects could have potentially significant environmental effects for all environmental factors if a proposed project extends beyond the utility right-of-way into undisturbed areas or into other rights-of-way. ("Utility right-of-way" means any utility right-of-way, not limited to only telecommunication utility right-of-way.) For the most part, the petitioners do not plan to conduct projects that are beyond the utility right-of-way. However, should this occur, the petitioner shall file a Petition to Modify its Certificate for Public Convenience and Necessity (CPCN). An appropriate environmental analysis of the impacts of these site specific activities shall be done.
2. The proposed projects will not have any significant effects on Population and Housing, Biological Resources, Energy and Mineral Resources, and Recreation if the proposed projects remain [*41] within existing utility right-of-way. There are no potential environmental effects in these areas, or adequate measures are incorporated into the projects to assure that significant effects will not occur.
3. The proposed projects could have potentially significant environmental effects on Geological Resources because possible upgrades or installations to underground conduits may induce erosion due to

excavation, grading and fill. It is unclear as to how many times underground conduits may be accessed by the petitioners, but it is reasonable to assume that constant excavation by various providers could result in erosion in areas where soil containment is particularly unstable.

In order to mitigate any potential effects on geological resources, the petitioners shall comply with all local design, construction and safety standards by obtaining all applicable ministerial permits from the appropriate local agencies. In particular, erosion control plans shall be developed and implemented for areas identified as particularly unstable or susceptible to erosion. If more than one petitioner plans to excavate geologically sensitive areas, coordination of their plans shall be necessary to [*42] minimize the number and duration of disturbances.

4. The proposed projects could have potentially significant environmental effects on Water Resources because possible upgrades or installation to underground conduits may be in close proximity to underground or surface water sources. While the anticipated construction will generally occur within existing utility rights-of-way, the projects have the potential to impact nearby water sources if heavy excavation is required as the method of access to the conduits.

In order to mitigate any potential effects on water resources, the petitioners shall comply with all local design, construction and safety standards. This will include consultation with all appropriate local, state and federal water resource agencies for projects that are in close proximity to water resources, underground or surface. The petitioners shall comply with all applicable local, state and federal water resource regulations. Appropriate site specific mitigation plans shall be developed by the petitioners if the projects impact water quality, drainage, direction, flow or quantity. If there is more than one petitioner for a particular area that requires excavation, [*43] coordination plans shall be required to minimize the number and duration of disturbances.

5. The proposed projects could have potentially significant environmental effects on Air Quality because possible excavation efforts for underground conduits may result in vehicle emissions and airborne dust for the immediate areas of impact. This is especially foreseeable if more than one petitioner should attempt such work in the same locale. While the impact will be temporary, the emissions and dust could exceed air quality standards for the area.

The petitioners shall develop and implement appropriate dust control measures during excavation as recommended by the applicable air quality management district. The petitioners shall comply with all applicable air quality standards as established by the affected air quality management districts. If there is more than one petitioner for a particular area that requires excavation, coordination plans shall be required to minimize the number and duration of disturbances.

6. The proposed projects could have potentially significant environmental impacts on Transportation and Circulation and Public Services because uncoordinated efforts by the petitioners [*44] to install fiber optic cable could result in a cumulative impact of traffic congestion, insufficient parking and hazards or barriers for pedestrians. This is foreseeable if the competitors choose to compete in the same locality and desire to install their own cables. If the selected area is particularly dense with heavy vehicular or pedestrian traffic, the impacts could be enormous without sufficient control and coordination. Uncoordinated efforts may also adversely impact the quality and longevity of public street maintenance because numerous excavation activity depreciates the life of the surface pavement. Impacts from trenching activity may occur in utility rights-of-way that contain other Public Services such as irrigation water lines.

The petitioners shall coordinate their efforts to install fiber optic cables or additional conduits so that the number of encroachments to the utility rights-of-way are minimized. These coordination efforts shall also include affected transportation and planning agencies to coordinate other projects unrelated to the petitioners' projects. For example, review of a planning agency's Capital Improvement Plan (CIP) to identify impacted street projects [*45] would be an expected part of the coordination effort by the petitioner. Besides coordinating their efforts, the petitioners shall abide by all local construction, maintenance and safety standards (and state standards, if applicable) by acquiring the necessary ministerial

permits from the appropriate local agency or CalTrans (if within a State right-of-way). Examples of these permits are excavation, encroachment and building permits. Appropriate construction start and end times, and dates if appropriate, shall be employed to avoid peak traffic periods and to minimize disruption, especially if the petitioners' work encroaches upon transportation rights-of-way. Petitioners shall consult with local agencies on appropriate restoration of public service facilities that are damaged by the construction and shall be responsible for such restoration.

7. The proposed projects could have potentially significant hazard-related effects because uncoordinated construction efforts described above could potentially interfere with emergency response or evacuation plans. There is also potential for an increase in overhead lines and poles which carry hazard-related impacts.

The same mitigation plan [*46] as described in the previous section is applicable here as well, and shall be augmented by notice to and consultation with emergency response or evacuation agencies if the proposed project interferes with routes used for emergencies or evacuations. The coordination efforts shall include provisions so that emergency or evacuation plans are not hindered. If the projects result in an increase in overhead communication lines, the petitioner shall obtain the necessary ministerial permits to erect the necessary poles to support the lines. The Commission shall include these facilities as part of its overhead line regular inspections so that the requirements of G.O. 95 are met.

8. The proposed projects could have potentially significant environmental effects on Noise because it is possible some projects may require excavation or trenching. Although the effect is likely to be short-term, existing levels of noise could be exceeded.

If the petitioner requires excavation, trenching or other heavy construction activities which would produce significant noise impacts, the petitioner shall abide by all applicable local noise standards and shall inform surrounding property owners and occupants [*47] (particularly school districts, hospitals and the residential neighborhoods) of the day(s) when most construction noise would occur. Notice shall be given at least two weeks in advance of the construction.

9. The proposed projects could have potentially significant environmental effects on aesthetics because it is possible that additional lines on poles in utility rights-of-way could become excessive for a particular area. Aesthetic impacts may also occur in utility rights-of-way that are landscaped. Moreover, there is potential for an increase in above grade utility service boxes or cabinets which also carry aesthetic impacts.

Local aesthetic concerns shall be addressed by the petitioners for all facilities that are above-ground, in particular all types of service boxes or cabinets. The local land use or planning agency shall be consulted by the petitioner so that any site-specific aesthetic impacts are assessed and properly mitigated. For example, this may include restoration of the landscaped utility rights-of-way.

10. The proposed projects could have potentially significant environmental effects on cultural resources because situations involving additional trenching may [*48] result in disturbing known or unanticipated archaeological or historical resources.

The petitioners shall conduct appropriate data research for known cultural resources in the proposed project area, and avoid such resources in designing and constructing the project. Should cultural resources be encountered during construction, all earthmoving activity which would adversely impact such resources shall be halted or altered so as to avoid such impacts, until the petitioner retains the service of a qualified archaeologist who will do the appropriate examination and analysis. The archeologist shall consult with appropriate federal, state and local agencies concerned with cultural resources, so that any potential impacts upon cultural resources are assessed and properly avoided or mitigated. The archeologist shall, in coordination with agencies, develop a plan for avoiding or mitigating any potential impacts upon those resources encountered.

n2 The petitioners discussed in this Negative Declaration shall coordinate with all CLCs including those listed in the first Negative Declaration adopted by the Commission (D.95-12-057) and all CLCs in future Negative Declarations. CLCs covered in the first Negative Declaration shall likewise be expected coordinate with those CLCs listed in this Negative Declaration or any subsequent one adopted by the Commission.

[*49]

In summary, the Mitigation Measures recommended in this environmental determination are:

A) All Environmental Factors: if a proposed project extends beyond the utility right-of-way into undisturbed areas or other right-of-way, the petitioner shall file a Petition to Modify its Certificate for Public Convenience and Necessity (CPCN). ("Utility right-of-way" means any utility right-of-way, not limited to only telecommunications utility right-of-way.) An appropriate environmental analysis of the impacts of these site specific activities shall be done.

If the projects remain within the utility right-of-way, the following Mitigation Measures are recommended:

B) General Cumulative Impacts: in the event that more than one petitioner seeks modifications or additions to a particular locality, the petitioners shall coordinate their plans with each other, and consult with affected local agencies so that any cumulative effects on the environment are minimized. These coordination efforts shall reduce the number and duration of disturbance to existing utility right-of-way. Regardless of the number of petitioners for a particular locality, the petitioner shall consult with, [*50] and abide by the standards established, by all applicable local agencies. Each petitioner shall file a quarterly report, one month prior to the beginning of each quarter, that summarizes the construction projects that are anticipated for the coming quarter. The summary will contain a description of the type of construction and the location for each project so that the local planning agencies can adequately coordinate multiple projects if necessary. The reports will also contain a summary of the petitioner's compliance with all Mitigation Measures for the projects listed. The quarterly reports will be filed with the local planning agencies where the projects are expected to take place and the Commission's Telecommunications Division. The Commission filing will be in the form of an informational advice letter. Subsequent quarterly reports shall also summarize the status of the projects listed in previous quarterly report, until they are completed.

C) Geological Resources: the petitioners shall comply with all local design construction and safety standards by obtaining all applicable ministerial permits from the appropriate local agencies including the development and approval of [*51] erosion control plans. These shall be developed and implemented for areas identified as particularly unstable or susceptible to erosion. If more than one petitioner plans to excavate sensitive areas, coordination of their plans shall be necessary to minimize the number of disturbances. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

D) Water Resources: the petitioners shall consult with all appropriate local, state and federal water resource agencies for projects that are in close proximity to water resources, underground or surface. The petitioners shall comply with all applicable local, state and federal water resource regulations including the development of site-specific mitigation plans should the projects impact water quality, drainage, direction, flow or quantity. If there is more than one petitioner for a particular area that requires excavation, coordination plans shall be required to minimize the number of disturbances. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

E) Air Quality: the petitioners shall develop and implement appropriate dust control measures [*52] during excavation as recommended by the applicable air quality management district. The petitioners shall comply with all applicable air quality standards as established by the affected air quality management districts. If there is more than one petitioner for a particular area that requires excavation, coordina-

tion plans shall be required to minimize the number of disturbances. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

F) Transportation and Circulation and Public Services: the petitioners shall coordinate their efforts to install fiber optic cables or additional conduits so that the number of disturbances to the utility rights-of-way are minimized. These coordination efforts shall include affected transportation and planning agencies to coordinate other projects unrelated to the petitioners' projects. For example, review of a planning agency's Capital Improvement Plan (CIP) to identify impacted street projects would be an expected part of the coordination effort by the petitioner. Besides coordinating their efforts, the petitioners shall abide by all local construction, maintenance and safety standards (and state [*53] standards, if applicable) by acquiring the necessary ministerial permits from the appropriate local agency and/or CalTrans (if within State right-of-way). Examples of these permits are excavation, encroachment and building permits. Appropriate construction start and end times, and dates if appropriate, shall be employed to avoid peak traffic periods, especially if the petitioners' work encroaches upon transportation rights-of-way. Notice to the affected area (surrounding property owners and occupants) shall be given at least two weeks in advance of the construction. The notice will provide the time and dates of the proposed construction and discussion of potential impacts on traffic and circulation. Petitioners shall consult with local agencies on appropriate restoration of public service facilities that are damaged by the construction and shall be responsible for such restoration. The notice required for Mitigation Measures F and H shall be consolidated. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

G) Hazards: the petitioners shall use the Transportation and Circulation mitigation measure and augment it by informing and [*54] consulting with emergency response or evacuation agencies if the proposed project interferes with routes used for emergencies or evacuations. The coordination effort shall include provisions so that emergency or evacuation plans are not hindered. If the projects result in an increase in overhead communication lines, the petitioner shall obtain the necessary ministerial permits to erect the necessary poles to support the lines. The Commission shall include these facilities as part of its overhead line regular inspections so that the requirements of G.O. 95 are met. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

H) Noise: the petitioner shall abide by all applicable local noise standards and shall inform surrounding property owners and occupants, particularly school districts, hospitals and the residential neighborhoods, of the day(s) when most construction noise would occur if the petitioner plans excavation, trenching or other heavy construction activities which would cause any significant noise. Notice shall be given at least two weeks in advance of the construction. The notice required for Mitigation Measures F and H shall [*55] be consolidated. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

I) Aesthetics: All applicable local aesthetic standards will be addressed by the petitioners for all facilities that are above-ground, in particular all types of service boxes or cabinets. The local land use agency shall be consulted by the petitioner so that any site-specific aesthetic impacts are assessed and properly mitigated by the petitioner. For example, this may include restoration of the landscaped utility rights-of-way. Petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

J) Cultural Resources: The petitioners shall conduct appropriate data research for known cultural resources in the proposed project area, and avoid such resources in designing and constructing the project. Should cultural resources be encountered during construction, all earthmoving activity which would adversely impact such resources shall be halted or altered until the petitioner retains the service of a qualified archaeologist who will do the appropriate examination and analysis. The archaeologist will provide proposals for any procedures [*56] to mitigate the impact upon those resources encountered. The treatment plan will be designed through coordination with the appropriate federal, state and local agencies. The petitioner's compliance with this Mitigation Measure shall be included in its quarterly report.

n3 See Footnote # 2.

General Statement for all Mitigation Measures:

Although local safety and aesthetic input is essential in minimizing the impact of the petitioner's construction, local jurisdictions cannot impose standards or permit requirements which would prevent petitioners from developing their service territories, or otherwise interfere with the statewide interest in competitive telecommunication service. Therefore, the petitioners' required compliance with local permit requirements is subject to this limitation.

With the implementation of the mitigation measures listed in A) - J) above, the Commission should conclude that the proposed projects will not have one or more potentially significant environmental effects. The Commission should also adopt a Mitigation Monitoring Plan which will ensure that the Mitigation Measures listed above will be followed and implemented. The Mitigation Monitoring [*57] Plan is included with this Negative Declaration as Appendix C.

Natalie Walsh, Program Manager
Analysis Branch
Energy Division

Date April 27, 1999

INITIAL STUDY CHECKLIST

Environmental Factors Potentially Affected:

The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

Land Use and
Planning

Transportation/Circulation

Public Services

Population and
Housing

Biological Resources

Utilities and
Service Systems

Geological Problems

Energy and Mineral
Resources

Aesthetics

Water

Hazards

Cultural Resources

Air Quality

Noise

Recreation

Mandatory Findings of
Significance

Note: For construction outside of the utility rights-of-way, potential environmental impacts are too variable and uncertain to be specifically evaluated in this Initial Study, but are addressed in Environmental Determination 1 and Mitigation Measure (A) in the Negative Declaration.

Determination:

On the basis of this initial evaluation:

I find that the [*58] proposed projects COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the projects. A NEGATIVE DECLARATION will be prepared.

I find that the proposed projects MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

I find that the proposed projects MAY have a significant effect(s) on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on an earlier analysis as described on attached sheets, if the effect is a "potentially significant impact" or "potentially significant unless mitigated." An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

I find that although the proposed project could have a significant effect on the environment, there WILL NOT be [*59] a significant effect in this case because all potentially significant effects (a) have been analyzed adequately in an earlier EIR pursuant to applicable standards and (b) have been avoided or mitigated pursuant to that earlier EIR, including revisions or mitigation measures that are imposed upon the proposed project.

Paul [Illegible Word]
Signature For N-Walsh

Natalie Walsh
Printed Name

Date: 4-27-99

Program Manager

Analysis Branch

Energy Division

California Public Utilities Commission

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
I. LAND USE AND PLANNING. Would the proposal:		
a) Conflict with general plan designation or zoning?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Conflict with applicable environmental plans or policies adopted by agencies with jurisdiction over the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Be incompatible with existing land use in the vicinity?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Affect agricultural resources or operations (e.g. impacts to soils or farmlands, or impacts from incompatible land uses)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Disrupt or divide the physical	<input type="checkbox"/>	<input checked="" type="checkbox"/>

arrangement of an established community (including a low-income or minority community)?

Potentially Significant Impact

Potentially Significant Unless Mitigation Incorporated

The proposed projects are not anticipated to have any significant impacts on general or environmental plans, zoning, existing land usage, or agricultural resources. The projects are essentially modifications to existing facilities within established utility rights-of-way. Since these rights-of-way are already designed to be in compliance with zoning and land use plans, disruption of such plans are not foreseeable. In the event that the petitioners need to construct facilities that extend beyond the rights-of-way, see Mitigation Measure A in the Negative Declaration.

II. POPULATION AND HOUSING. Would the proposal:

- a) Cumulatively exceed official regional or local population projections?
- b) Induce substantial growth in an area either directly or indirectly (e.g. through projects in an undeveloped area or extension of major infrastructure?
- c) Displace existing housing, especially affordable housing?

The proposed projects will not have impacts upon population or housing. The purpose of the projects is to introduce competition into the local telephone service market. Since competition will be generally statewide and not centered in one locale, it is not anticipated that the projects will have an effect on population projections or housing availability of any particular area. The areas that will not initially receive the competition are rural, less populated areas; it cannot be seen that the initial lack of competitive services in these areas will result in significant movements of people to areas where competition will be heavy.

III. GEOLOGIC PROBLEMS. Would the proposal result in or expose people to potential impacts involving:

- a) Fault rupture?
- b) Seismic ground shaking?
- c) Seismic ground failure, including

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
liquefaction?		
d) Seiche, tsunami, or volcanic hazard?	<input type="checkbox"/>	<input type="checkbox"/>
e) Landslides or mudflows?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Erosion, changes in topography or unstable soil conditions from excavation, grading, or fill?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Subsidence of land?	<input type="checkbox"/>	<input type="checkbox"/>
h) Expansive soils?	<input type="checkbox"/>	<input type="checkbox"/>
i) Unique geologic or physical features?	<input type="checkbox"/>	<input type="checkbox"/>

The projects will be constructed within existing utility facilities or established utility rights-of-way and will therefore not expose people to new risks for any of these impacts, except possibly erosion. Should additional cable facilities require the installation of new or upgraded conduits, trenching, excavation, grading and fill could be required. For appropriate mitigation, see Mitigation Measures (B) and (C) for details in the Negative Declaration.

IV. WATER. Would the proposal result in:

a) Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff?	<input type="checkbox"/>	<input type="checkbox"/>
b) Exposure of people or property to water related hazards such as flooding?	<input type="checkbox"/>	<input type="checkbox"/>
c) Discharge into surface waters or other alteration of surface water quality (e.g. temperature, dissolved oxygen or turbidity)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Changes in the amount of surface water in any water body?	<input type="checkbox"/>	<input type="checkbox"/>
e) Changes in currents, or the course or direction of water movements?	<input type="checkbox"/>	<input type="checkbox"/>
f) Change in the quantity of ground	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations or through substantial loss of groundwater recharge capability?		
g) Altered direction or rate of flow of groundwater?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h) Impacts to groundwater quality?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i) Substantial reduction in the amount of groundwater otherwise available for public water supplies?	<input type="checkbox"/>	<input type="checkbox"/>

The projects will involve alterations to existing telecommunication facilities (underground conduits or overhead poles) but could expose additional risks if more than one petitioner decide to compete in the same locality. Efforts to install cables, or if necessary, new conduits, in utility rights-of-way that are in close proximity to an underground or surface water sources could carry significant effects for quality, flow, quantity, direction or drainage if done improperly and without coordination. See Mitigation Measures (B) and (D) in the Negative Declaration for details.

V. AIR QUALITY. Would the proposal:

a) Violate any air quality standard or contribute to an existing or projected air quality violation?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Expose sensitive receptors to pollutants?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Alter air movement, moisture, or temperature, or cause any change in climate?	<input type="checkbox"/>	<input type="checkbox"/>
d) Create objectionable odors?	<input type="checkbox"/>	<input type="checkbox"/>

If the projects do not require excavation or trenching of underground conduits, they will not have an effect upon air quality, movement, temperature or climate. However, should the projects require such work and, if more than one petitioner decide to work in the same locale, there is potential for an increase in dust in the immediate area. See Mitigation Measures (B) and (E) in the Negative Declaration for details.

VI. TRANSPORTATION/CIRCULATION.

Would the proposal result in:

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
a) Increased vehicle trips or traffic congestion?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Hazards to safety from design features (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Inadequate emergency access or access to nearby uses?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Insufficient parking capacity on-site or off-site?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Hazards or barriers for pedestrians or bicyclists?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Conflicts with adopted policies supporting alternative transportation (e.g. bus turnouts, bicycle racks)?	<input type="checkbox"/>	<input type="checkbox"/>
g) Rail, waterborne or air traffic impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The petitioners plan to modify existing utility conduits or poles within existing utility rights-of-way initially in urban, commercial zones and residential areas. Modification of these facilities by a single party does not present significant impacts upon traffic or circulation since the installation process is not expected to be lengthy. However, if more than one of the petitioners decide to compete in the same locality, their efforts to install their own cables will have a significant cumulative effect on circulation, especially in dense, urban commercial areas. As a result, increases in traffic congestion, insufficient parking, and hazards or barriers for pedestrian are possible. See Mitigation Measures (B) and (F) in the Negative Declaration for details.

VII. BIOLOGICAL RESOURCES. Would the proposal result in impacts to:

a) Endangered, threatened, or rare species or their habitats (including but not limited to plants, fish, insects, animals, and birds)?	<input type="checkbox"/>	<input type="checkbox"/>
b) Locally designated species (e.g. heritage trees)?	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
c) Locally designated natural communities (e.g. oak forest, coastal habitat, etc.)?	<input type="checkbox"/>	<input type="checkbox"/>
d) Wetland habitat (e.g. marsh, riparian and vernal pool)?	<input type="checkbox"/>	<input type="checkbox"/>
e) Wildlife dispersal or migration corridors?	<input type="checkbox"/>	<input type="checkbox"/>

The projects will not affect any biological resources since all anticipated work will occur within existing utility facilities or established utility rights-of-way. Established utility rights-of-way are assumed to be outside of locally designated natural communities, habitats or migration corridors.

VIII. ENERGY AND MINERAL RESOURCES.

Would the proposal result in:

a) Conflict with adopted energy conservation plans?	<input type="checkbox"/>	<input type="checkbox"/>
b) Use non-renewable resources in a wasteful and inefficient manner?	<input type="checkbox"/>	<input type="checkbox"/>
c) Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State?	<input type="checkbox"/>	<input type="checkbox"/>

The projects will no impact upon mineral resources or the use of energy. The projects provide competitive telecommunication services that have no direct relationship to efficient energy use or mineral resources. The installation of additional fiber optic cables are within existing facilities or rights-of-way that are assumed to have adequate mitigation designs to avoid impacts on any mineral resources within proximity.

IX. HAZARDS. Would the proposal involve:

a) A risk of accidental explosion or release of hazardous substances (including, but not limited to: oil, pesticides, chemicals or radiation)?	<input type="checkbox"/>	<input type="checkbox"/>
b) Possible interference with an emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
c) The creation of any health hazard or potential health hazard?	<input type="checkbox"/>	<input type="checkbox"/>
d) Exposure of people to existing sources of potential health hazards?	<input type="checkbox"/>	<input type="checkbox"/>
e) Increased fire hazard in areas with flammable brush, grass, or trees?	<input type="checkbox"/>	<input type="checkbox"/>

The installation of fiber optic cables can be a quick, clean and simple procedure with little use of heavy machinery. However there may be situations where excavation and trenching of underground conduits is necessary if the conduits are not easily accessible. Should this occur, uncoordinated efforts by the petitioners in one concentrated area could potentially affect emergency response or evacuation plans for that locale. See Mitigation Measures (B) and (G) in the Negative Declaration for details. Once the project is completed, the additional cables do not represent any additional hazards to people nor do they increase the possibility of fires.

X. NOISE. Would the proposal result in:

a) Increases in existing noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Exposure of people to severe noise levels?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The anticipated projects can be a quick and simple procedure, but in some cases could require heavy machinery or construction activity such as excavation, trenching, grading and refill. There is also the possibility that uncoordinated efforts by the petitioners in one locale could increase existing noise levels, if their activities involve the construction described. See Mitigation Measures (B) and (H) in the Negative Declaration for details.

XI. PUBLIC SERVICES. Would the proposal have an effect upon, or result in a need for new or altered government services in any of the following areas:

a) Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input type="checkbox"/>

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
d) Maintenance of public facilities, including roads?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Other government services?	<input type="checkbox"/>	<input type="checkbox"/>

The proposed projects will increase competition in the local telephone service. The construction associated with the projects have potential impacts on the maintenance of public streets and roads. Numerous disturbances to the street surfaces depreciates the quality and longevity of the pavement. Trenching projects may also impact other existing public service facilities (e.g. irrigation lines) in the utility rights-of-way. Mitigation Measure F addresses this impact.

XII. UTILITIES AND SERVICE SYSTEMS.

Would the proposal result in a need for new systems or supplies, or substantial alterations to the following utilities:

a) Power or natural gas?	<input type="checkbox"/>	<input type="checkbox"/>
b) Communication systems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Local or regional water treatment or distribution facilities?	<input type="checkbox"/>	<input type="checkbox"/>
d) Sewer or septic tanks?	<input type="checkbox"/>	<input type="checkbox"/>
e) Storm water drainage?	<input type="checkbox"/>	<input type="checkbox"/>
f) Solid waste disposal?	<input type="checkbox"/>	<input type="checkbox"/>
g) Local or regional water supplies?	<input type="checkbox"/>	<input type="checkbox"/>

The proposed projects could substantially alter communication systems in the event that existing facilities are unable to accommodate all of the participants in the market. If this should occur, additional conduits or poles for telecommunication equipment will need to be inserted in existing utility rights-of-way or the petitioners may seek entry to other rights-of-way. If the petitioners are forced to construct outside of the existing utility rights-of-way, Mitigation Measure A is applicable. For work within the rights-of-way, see Mitigation Measure B in the Negative Declaration.

XIII. AESTHETICS. Would the proposal:

a) Affect a scenic vista or scenic highway?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
---	--------------------------	-------------------------------------

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
b) Have a demonstrated negative aesthetic effect?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Create light or glare?	<input type="checkbox"/>	<input type="checkbox"/>

The proposed projects will occur within utility rights of way that will be either be undergrounded or on existing poles. Undergrounded facilities will have no demonstrated negative aesthetic effects. However, landscaped utility rights-of-way may be impacted by trenching activities. Additional lines on the poles may be a concern, but the proposed cables are not easily discernible and will unlikely have a negative impact. The only scenario where an aesthetic effect can occur is if the number of competitors for a particular area become so heavy that the cables on the poles become excessive. There is potential for an increase in service boxes if the boxes cannot be installed within buildings or underground. Should this occur, the petitioners should follow Mitigation Measures (B) and (I) as described in the Negative Declaration.

XIV. CULTURAL RESOURCES. Would the proposal:

a) Disturb paleontological resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Disturb archaeological resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Affect historical resources?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Have potential to cause a physical change which would affect unique ethnic cultural values?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Restrict existing religious or sacred uses within the potential impact area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The projects will involve existing utility facilities or established rights-of-way that are assumed to be clear from any paleontological, historical or archaeological resources. However, some projects may require excavation or trenching of utility rights-of-way, or outside the rights-of-way. If known or unanticipated cultural resources are encountered during such work, then the Mitigation Measures (B) and (J) should be followed. See Negative Declaration for details.

XV. RECREATION. Would the proposal:

a) Increase the demand for neighborhood or regional parks or	<input type="checkbox"/>	<input type="checkbox"/>
--	--------------------------	--------------------------

	Potentially Significant Impact	Potentially Significant Unless Mitigation Incorporated
other recreational facilities?		
b) Affect existing recreational opportunities?	<input type="checkbox"/>	<input type="checkbox"/>

The projects will have no impact on recreational facilities or opportunities since these resources have no direction relationship to increased competition in local telephone services.

XVI. MANDATORY FINDINGS OF SIGNIFICANCE.

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>
b) Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	<input type="checkbox"/>	<input type="checkbox"/>
c) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probably future projects.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>

[*60]

	Less Than Significant Impact	No Impact
I. LAND USE AND PLANNING. Would the proposal:		
a) Conflict with general plan designation or zoning?	<input type="checkbox"/>	<input type="checkbox"/>
b) Conflict with applicable environmental plans or policies adopted by agencies with jurisdiction over the project?	<input type="checkbox"/>	<input type="checkbox"/>
c) Be incompatible with existing land use in the vicinity?	<input type="checkbox"/>	<input type="checkbox"/>
d) Affect agricultural resources or operations (e.g. impacts to soils or farmlands, or impacts from incompatible land uses)?	<input type="checkbox"/>	<input type="checkbox"/>
e) Disrupt or divide the physical arrangement of an established community (including a low-income or minority community)?	<input type="checkbox"/>	<input type="checkbox"/>

The proposed projects are not anticipated to have any significant impacts on general or environmental plans, zoning, existing land usage, or agricultural resources. The projects are essentially modifications to existing facilities within established utility rights-of-way. Since these rights-of-way are already designed to be in compliance with zoning and land use plans, disruption of such plans are not foreseeable. In the event that the petitioners need to construct facilities that extend beyond the rights-of-way, see Mitigation Measure A in the Negative Declaration.

II. POPULATION AND HOUSING. Would the proposal:

a) Cumulatively exceed official regional or local population projections?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Induce substantial growth in an area either directly or indirectly (e.g. through projects in an undeveloped area or extension of major infrastructure)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Displace existing housing, especially affordable housing?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed projects will not have impacts upon population or housing. The

Less Than
Significant
Impact

No
Impact

purpose of the projects is to introduce competition into the local telephone service market. Since competition will be generally statewide and not centered in one locale, it is not anticipated that the projects will have an effect on population projections or housing availability of any particular area. The areas that will not initially receive the competition are rural, less populated areas; it cannot be seen that the initial lack of competitive services in these areas will result in significant movements of people to areas where competition will be heavy.

III. GEOLOGIC PROBLEMS. Would the proposal result in or expose people to potential impacts involving:

- | | | |
|--|--------------------------|--------------------------|
| a) Fault rupture? | <input type="checkbox"/> | [x] |
| b) Seismic ground shaking? | <input type="checkbox"/> | [x] |
| c) Seismic ground failure, including liquefaction? | <input type="checkbox"/> | [x] |
| d) Seiche, tsunami, or volcanic hazard? | <input type="checkbox"/> | [x] |
| e) Landslides or mudflows? | <input type="checkbox"/> | <input type="checkbox"/> |
| f) Erosion, changes in topography or unstable soil conditions from excavation, grading, or fill? | <input type="checkbox"/> | <input type="checkbox"/> |
| g) Subsidence of land? | <input type="checkbox"/> | [x] |
| h) Expansive soils? | <input type="checkbox"/> | [x] |
| i) Unique geologic or physical features? | <input type="checkbox"/> | [x] |

The projects will be constructed within existing utility facilities or established utility rights-of-way and will therefore not expose people to new risks for any of these impacts, except possibly erosion. Should additional cable facilities require the installation of new or upgraded conduits, trenching, excavation, grading and fill could be required. For appropriate mitigation, see Mitigation Measures (B) and (C) for details in the Negative Declaration.

IV. WATER. Would the proposal result in:

- | | | |
|--|--------------------------|-----|
| a) Changes in absorption rates, drainage patterns, or the rate and amount of surface runoff? | <input type="checkbox"/> | [x] |
|--|--------------------------|-----|

	Less Than Significant Impact	No Impact
b) Exposure of people or property to water related hazards such as flooding?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Discharge into surface waters or other alteration of surface water quality (e.g. temperature, dissolved oxygen or turbidity)?	<input type="checkbox"/>	<input type="checkbox"/>
d) Changes in the amount of surface water in any water body?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Changes in currents, or the course or direction of water movements?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations or through substantial loss of groundwater recharge capability?	<input type="checkbox"/>	<input type="checkbox"/>
g) Altered direction or rate of flow of groundwater?	<input type="checkbox"/>	<input type="checkbox"/>
h) Impacts to groundwater quality?	<input type="checkbox"/>	<input type="checkbox"/>
i) Substantial reduction in the amount of groundwater otherwise available for public water supplies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The projects will involve alterations to existing telecommunication facilities (underground conduits or overhead poles) but could expose additional risks if more than one petitioner decide to compete in the same locality. Efforts to install cables, or if necessary, new conduits, in utility rights-of-way that are in close proximity to an underground or surface water sources could carry significant effects for quality, flow, quantity, direction or drainage if done improperly and without coordination. See Mitigation Measures (B) and (D) in the Negative Declaration for details.

V. AIR QUALITY. Would the proposal:

a) Violate any air quality standard or contribute to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>
b) Expose sensitive receptors to pollutants?	<input type="checkbox"/>	<input type="checkbox"/>

- | | Less Than
Significant
Impact | No
Impact |
|--|------------------------------------|-------------------------------------|
| c) Alter air movement, moisture, or temperature, or cause any change in climate? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| d) Create objectionable odors? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

If the projects do not require excavation or trenching of underground conduits, they will not have an effect upon air quality, movement, temperature or climate. However, should the projects require such work and, if more than one petitioner decide to work in the same locale, there is potential for an increase in dust in the immediate area. See Mitigation Measures (B) and (E) in the Negative Declaration for details.

VI. TRANSPORTATION/CIRCULATION.

Would the proposal result in:

- | | | |
|--|--------------------------|-------------------------------------|
| a) Increased vehicle trips or traffic congestion? | <input type="checkbox"/> | <input type="checkbox"/> |
| b) Hazards to safety from design features (e.g. sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment)? | <input type="checkbox"/> | <input type="checkbox"/> |
| c) Inadequate emergency access or access to nearby uses? | <input type="checkbox"/> | <input type="checkbox"/> |
| d) Insufficient parking capacity on-site or off-site? | <input type="checkbox"/> | <input type="checkbox"/> |
| e) Hazards or barriers for pedestrians or bicyclists? | <input type="checkbox"/> | <input type="checkbox"/> |
| f) Conflicts with adopted policies supporting alternative transportation (e.g. bus turnouts, bicycle racks)? | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| g) Rail, waterborne or air traffic impacts? | <input type="checkbox"/> | <input type="checkbox"/> |

The petitioners plan to modify existing utility conduits or poles within existing utility rights-of-way initially in urban, commercial zones and residential areas. Modification of these facilities by a single party does not present significant impacts upon traffic or circulation since the installation process is not expected to be lengthy. However, if more than one of the petitioners decide to compete in the same locality, their efforts to install their own cables will have a significant cumulative effect on circulation, especially in dense, urban commercial areas. As a result, increases in traffic congestion, insufficient parking, and hazards or barriers for pedestrian are possible. See Mitigation Measures (B) and (F) in

the Negative Declaration for details.

Less Than
Significant
Impact

No
Impact

VII. BIOLOGICAL RESOURCES. Would the proposal result in impacts to:

- a) Endangered, threatened, or rare species or their habitats (including but not limited to plants, fish, insects, animals, and birds)? [x]
- b) Locally designated species (e.g. heritage trees)? [x]
- c) Locally designated natural communities (e.g. oak forest, coastal habitat, etc.)? [x]
- d) Wetland habitat (e.g. marsh, riparian and vernal pool)? [x]
- e) Wildlife dispersal or migration corridors? [x]

The projects will not affect any biological resources since all anticipated work will occur within existing utility facilities or established utility rights-of-way. Established utility rights-of-way are assumed to be outside of locally designated natural communities, habitats or migration corridors.

VIII. ENERGY AND MINERAL RESOURCES.

Would the proposal result in:

- a) Conflict with adopted energy conservation plans? [x]
- b) Use non-renewable resources in a wasteful and inefficient manner? [x]
- c) Result in the loss of availability of a known mineral resource that would be of future value to the region and the residents of the State? [x]

The projects will no impact upon mineral resources or the use of energy. The projects provide competitive telecommunication services that have no direct relationship to efficient energy use or mineral resources. The installation of additional fiber optic cables are within existing facilities or rights-of-way that are assumed to have adequate mitigation designs to avoid impacts on any mineral resources within proximity.

IX. HAZARDS. Would the proposal

	Less Than Significant Impact	No Impact
involve:		
a) A risk of accidental explosion or release of hazardous substances (including, but not limited to: oil, pesticides, chemicals or radiation)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Possible interference with an emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>
c) The creation of any health hazard or potential health hazard?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Exposure of people to existing sources of potential health hazards?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Increased fire hazard in areas with flammable brush, grass, or trees?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The installation of fiber optic cables can be a quick, clean and simple procedure with little use of heavy machinery. However there may be situations where excavation and trenching of underground conduits is necessary if the conduits are not easily accessible. Should this occur, uncoordinated efforts by the petitioners in one concentrated area could potentially affect emergency response or evacuation plans for that locale. See Mitigation Measures (B) and (G) in the Negative Declaration for details. Once the project is completed, the additional cables do not represent any additional hazards to people nor do they increase the possibility of fires.

X. NOISE. Would the proposal result in:

a) Increases in existing noise levels?	<input type="checkbox"/>	<input type="checkbox"/>
b) Exposure of people to severe noise levels?	<input type="checkbox"/>	<input type="checkbox"/>

The anticipated projects can be a quick and simple procedure, but in some cases could require heavy machinery or construction activity such as excavation, trenching, grading and refill. There is also the possibility that uncoordinated efforts by the petitioners in one locale could increase existing noise levels, if their activities involve the construction described. See Mitigation Measures (B) and (H) in the Negative Declaration for details.

XI. PUBLIC SERVICES. Would the proposal have an effect upon, or

	Less Than Significant Impact	No Impact
result in a need for new or altered government services in any of the following areas:		
a) Fire protection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Police protection?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Schools?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Maintenance of public facilities, including roads?	<input type="checkbox"/>	<input type="checkbox"/>
e) Other government services?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed projects will increase competition in the local telephone service. The construction associated with the projects have potential impacts on the maintenance of public streets and roads. Numerous disturbances to the street surfaces depreciates the quality and longevity of the pavement. Trenching projects may also impact other existing public service facilities (e.g. irrigation lines) in the utility rights-of-way. Mitigation Measure F addresses this impact.

XII. UTILITIES AND SERVICE SYSTEMS.

Would the proposal result in a need for new systems or supplies, or substantial alterations to the following utilities:

a) Power or natural gas?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Communication systems?	<input type="checkbox"/>	<input type="checkbox"/>
c) Local or regional water treatment or distribution facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d) Sewer or septic tanks?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e) Storm water drainage?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f) Solid waste disposal?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g) Local or regional water supplies?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed projects could substantially alter communication systems in the event that existing facilities are unable to accommodate all of the participants in the market. If this should occur, additional conduits or poles for telecommunication equipment will need to be inserted in existing utility rights-of-way or the petitioners may seek entry to other rights-of-way. If the petitioners are forced to construct outside of the existing utility rights-of-way, Mitigation Measure A is applicable. For work within the rights-of-way, see Mitigation Measure B in the Negative

Declaration.	Less Than Significant Impact	No Impact
XIII. AESTHETICS. Would the proposal:		
a) Affect a scenic vista or scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>
b) Have a demonstrated negative aesthetic effect?	<input type="checkbox"/>	<input type="checkbox"/>
c) Create light or glare?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The proposed projects will occur within utility rights of way that will be either be undergrounded or on existing poles. Undergrounded facilities will have no demonstrated negative aesthetic effects. However, landscaped utility rights-of-way may be impacted by trenching activities. Additional lines on the poles may be a concern, but the proposed cables are not easily discernible and will unlikely have a negative impact. The only scenario where an aesthetic effect can occur is if the number of competitors for a particular area become so heavy that the cables on the poles become excessive. There is potential for an increase in service boxes if the boxes cannot be installed within buildings or underground. Should this occur, the petitioners should follow Mitigation Measures (B) and (I) as described in the Negative Declaration.

XIV. CULTURAL RESOURCES. Would the proposal:

a) Disturb paleontological resources?	<input type="checkbox"/>	<input type="checkbox"/>
b) Disturb archaeological resources?	<input type="checkbox"/>	<input type="checkbox"/>
c) Affect historical resources?	<input type="checkbox"/>	<input type="checkbox"/>
d) Have potential to cause a physical change which would affect unique ethnic cultural values?	<input type="checkbox"/>	<input type="checkbox"/>
e) Restrict existing religious or sacred uses within the potential impact area?	<input type="checkbox"/>	<input type="checkbox"/>

The projects will involve existing utility facilities or established rights-of-way that are assumed to be clear from any paleontological, historical or archaeological resources. However, some projects may require excavation or trenching of utility rights-of-way, or outside the rights-of-way. If known or unanticipated cultural resources are encountered during such work, then the Mitigation Measures (B) and (J) should be followed. See Negative Declaration for details.

	Less Than Significant Impact	No Impact
XV. RECREATION. Would the proposal:		
a) Increase the demand for neighborhood or regional parks or other recreational facilities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Affect existing recreational opportunities?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

The projects will have no impact on recreational facilities or opportunities since these resources have no direction relationship to increased competition in local telephone services.

XVI. MANDATORY FINDINGS OF SIGNIFICANCE.

a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b) Does the project have the potential to achieve short-term, to the disadvantage of long-term, environmental goals?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probably future projects.)	<input type="checkbox"/>	<input type="checkbox"/>
d) Does the project have environmental effects which will	<input type="checkbox"/>	<input checked="" type="checkbox"/>

cause substantial adverse effects
on human beings, either directly
or indirectly?

Less Than
Significant
Impact

No
Impact

[*61]

Appendix A

TELEPHONE EXCHANGE AREAS CALIFORNIA PUBLIC UTILITIES COMMISSION

[See Illustration in Original]

APPENDIX B

PROJECT SPONSORS AND ADDRESSES

- | | | |
|----|---|--|
| 1. | Eagle Communications of California, LLC
1.95-04-044 (Pet. 132) | 60 East 56th Street
New York, NY 10022 |
| 2. | US Data Highway Corp.
1.95-04-044 (Pet. 133) | 1113 Hopkins Way
Pleasanton, CA 94566 |
| 3. | Seren Innovations, Inc.
1.95-04-044 (Pet. 134) | 15 South 5th Street, Suite 500
Minneapolis, MN 55402 |
| 4. | HTC Communications, LLC
1.95-04-044 (Pet. 135) | 2131 N. Lamer Street
Burbank, CA 91504 |
| 5. | Network Plus, Inc.
1.95-04-044 (Pet. 136) | 234 Copeland Street
Quincy, MA 02169 |
| 6. | Campuslink Communications Systems, Inc.
1.95-04-044 (Pet. 137) | 1530 Eisenhower Place
Ann Arbor, MI 48108 |
| 7. | XL Networks, Inc.
1.95-04-044 (Pet. 138) | 909 Via Mirola
Palos Verdes Estates, CA 90274 |
| 8. | Triad Communications Corporation
1.95-04-044 (Pet. 139) | 2420 Sand Hill Road
Menlo, Park, CA 94025 |
| 9. | NTC Network, LLC
1.95-04-044 (Pet. 140) | 700 Wilshire Boulevard, 7th Floor
Los Angeles, CA 90017 |

Appendix C

Mitigation Monitoring Plan

Competitive Local Carriers (CLCs)

Projects for Local Exchange Telecommunication Service throughout [*62] California

Introduction:

The purpose of this section is to describe the mitigation monitoring process for the CLCs' proposed projects and to describe the roles and responsibilities of government agencies in implementing and enforcing the selected mitigation measures.

California Public Utilities Commission (Commission):

The Public Utilities Code confers authority upon the Commission to regulate the terms of service and safety, practices and equipment of utilities subject to its jurisdiction. It is the standard practice of the Commission to require that mitigation measures stipulated as conditions of approval be implemented properly, monitored, and reported on. Section 21081.6 of the Public Utilities Code requires a public agency to adopt a reporting and monitoring program when it approves a project that is subject to the adoption of a mitigated negative declaration.

The purpose of a reporting and monitoring program is to ensure that measures adopted to mitigate or avoid significant environmental impacts are implemented. The Commission views the reporting and monitoring program as a working guide to facilitate not only the implementation of mitigation measures by [*63] the project proponents, but also the monitoring, compliance and reporting activities of the Commission and any monitors it may designate.

The Commission will address its responsibility under *Public Resources Code Section 21081.6* when it takes action on the CLCs' petitions to provide local exchange telephone service. If the Commission adopts the Negative Declaration and approves the petitions, it will also adopt this Mitigation Monitoring Plan as an attachment to the Negative Declaration.

Project Description:

The Commission has authorized various companies to provide local exchange telephone service in competition with Pacific Bell, GTE California, Roseville Telephone Company and Citizens Telephone Company of California. The current petitioners notified the Commission of their intent to compete in the territories throughout California, all of which are facilities-based services meaning that they propose to use their own facilities to provide service.

Step 1: Disputes and complaints (including those of the public) shall be directed first to the Commission's designated Project Manager for resolution. The Project Manager will attempt to resolve the dispute.

Step 2: Should [*64] this informal process fail, the Commission Project Manager may initiate enforcement or compliance action to address deviation from the proposed project or adopted Mitigation Monitoring Program.

Step 3: If a dispute or complaint regarding the implementation or evaluation of the Mitigation Monitoring Program or the Mitigation Measures cannot be resolved informally or through enforcement or compliance action by the Commission, any affected participant in the dispute or complaint may file a written "notice of dispute" with the Commission's Executive Director. This notice shall be filed in order to resolve the dispute in a timely manner, with copies concurrently served on other affected participants. Within 10 days of receipt, the Executive Director or designee(s) shall meet or confer with the filer and other affected participants for purposes of resolving the dispute. The Executive Director shall issue an Executive Resolution describing his decision, and serve it on the filer and the other participants.

Parties may also seek review by the Commission through existing procedures specified in the Commission's Rules of Practice and Procedure, although a good faith effort should first [*65] be made to use the foregoing procedure.

Mitigation Monitoring Program:

1. As discussed in Mitigation Measure B, the petitioners shall file a quarterly report which summarizes those projects which they intend to construct for the coming quarter. The report will contain a description of the project and its location, and a summary of the petitioner's compliance with the Mitigation Measures described in the Negative Declaration. The purpose of the report is to inform the local agencies of future projects so that coordination of projects among petitioners in the same locality can be done. The quarterly report shall be filed with the appropriate planning agency of the locality where the project(s) will occur. The report shall also be filed as an informational advice letter with the Commission's Telecommunications Division so that petitioner compliance with the Mitigation Measures are monitored..

In order to ensure that the Mitigation Measures are fulfilled, the Commission will make periodic reviews of the projects listed in quarterly reports. The projects will be generally chosen at random, although the Commission will review any project at its discretion. The reviews will follow-up [*66] with the local jurisdictions so that all applicable Mitigation Measures are addressed.

If any project is expected to go beyond the existing utility rights-of-way, that project will require a separate petition to modify the CPCN. The petitioner shall file the petition with the Commission and shall also inform the affected local agencies in writing. The local agencies are also responsible for informing the Commission of any project listed in the quarterly reports which may potentially go out of the existing utility right-of-way. As discussed in Mitigation Measure A, a complete environmental review of the project will be triggered under CEQA, with the Commission as the lead agency.

2. In the event that the petitioner and the local agency do not agree if a project results in work outside of the utility rights-of-way, the Commission will review the project and make the final determination. See **Dispute Resolution Process** discussed above.

3. For projects that are in the utility rights-of-way, the petitioners shall abide by all applicable local standards as discussed in the Mitigation Measures. If a petitioner fails to comply with local regulatory standards by either neglecting [*67] to obtain the necessary permits, or by neglecting to follow the conditions of the permits, the local agency shall notify the Commission and **Dispute Resolution Process** begins..

4. The Commission is the final arbiter for all unresolvable disputes between the local agencies and the petitioners. If the Commission finds that the petitioner has not complied with the Mitigation Measures in the Negative Declaration, it may halt and terminate the project.

Since many of the facilities-based petitioners are initially targeting local telephone service for areas where their telecommunications infrastructure is already established, very little construction is envisioned. However, there will be occasion where the petitioners will need to install fiber optic cable within existing utility underground conduits or attach cables to overhead lines. There is the possibility that existing utility conduits or poles will be unable to accommodate all the planned facilities, thereby forcing some petitioners to build or extend additional conduits into other rights-of-way, or into undisturbed areas. For more details on the project description please see **Project Description** in the Negative Declaration.

[*68]

Roles and Responsibilities:

As the lead agency under the California Environmental Quality Act (CEQA), the Commission is required to monitor this project to ensure that the required mitigation measures are implemented. The Commission will be responsible for ensuring full compliance with the provisions of this monitoring program and has primary responsibility for implementation of the monitoring program. The purpose of this monitoring program is to document that the mitigation measures required by the Commission are implemented and that mitigated environmental impacts are reduced to insignificance or avoided outright.

Because of the geographic extent of the proposed projects, the Commission may delegate duties and responsibilities for monitoring to other environmental monitors or consultants as deemed necessary. For specific enforcement responsibilities of each mitigation measure, please refer to the Mitigation Monitoring Table attached to this plan.

The Commission has the ultimate authority to halt any construction, operation, or maintenance activity associated with the CLC's local telephone service projects if the activity is determined to be a deviation from the approved [*69] project or adopted mitigation measures. For details refer to the mitigation monitoring plan discussed below.

Mitigation Monitoring Table:

The table attached to this plan presents a compilation of the Mitigation Measures in the Negative Declaration. The purpose of the table is to provide the monitoring agencies with a single comprehensive list of mitigation measures, effectiveness criteria, the enforcing agencies, and timing.

Dispute Resolution Process:

The Mitigation Monitoring Plan is expected to reduce or eliminate many potential disputes. However, in the event that a dispute occurs, the following procedure will be observed:

[See Illustration in Original]

Legal Topics:

For related research and practice materials, see the following legal topics:
Communications Law Telephone Services Local Exchange Carriers Duties of Incumbent Carriers & Resellers Transportation Law Carrier Duties & Liabilities Certificates of Public Convenience Amendment, Cancellation & Suspension Transportation Law Intrastate Commerce



June 20, 2016

Southern California Joint Pole Committee

#104, 279 E Arrow Hwy, San Dimas, CA 91773

Attention: SCJPC Members

SCE introduced its intentions to pilot sectional composite fiberglass poles, under Section 15.7 identified as CM (Composite Fiberglass-multi pieces) in SCJPC Routine Handbook, to the committee on 2/18/2015. On 3/17/2015, SCE presented a power point presentation to committee members targeted on sectional composite fiberglass poles then delivered a copy of the presentation and SCE Material Data Sheets to the committee on 3/27/2015. SCE piloted installs within its Orange Region (Orange County), and Menifee District (San Jacinto) with Frontier (formerly Verizon) and AT&T ending July 2015.

On April 20, 2016, Bob Guillian of Highland Composites facilitated a comprehensive overview of Intelli-Pole's sectional composite fiberglass poles, as well as, composite fiberglass poles in general. Additionally, during our regular committee agenda under "Known Business" there was lengthy discussion centered on sectional composite fiberglass poles. Included in this discussion was SCE's move towards regular use of sectional composite fiberglass poles rather than wood poles. An example, provided in that discussion, was rear property line use eliminating crane charges with the application of sectional composite fiberglass poles. Therefore, in certain applications, sectional composite fiberglass poles are SCE's primary pole replacement type rather than using a wood pole. Finally, SCE efforts to convey quantities, geographic areas and commencement details, surrounding sectional composite fiberglass poles, will be shared at future committee meetings and/or by way of a correspondence to the committee.

Cordially,

Lawrence Chow

Manager of SCE, Joint Pole Organization

909-548-7018

Northern California Joint Pole Association

1800 Sutter St.
 Suite 830
 Concord, CA 94520

Invoice

Date	Invoice #
6/24/2016	640

Bill To
SCJPCA

P.O. No.	Terms	Project

Quantity	Description	Rate	Amount
1	NJUNS Invoice 12814 - \$12,000 total -NCJPA to invoice SCJPA for half of the invoice	6,000.00	6,000.00
1	NJUNS Invoice 13233 - \$21,000 total - NCJPA to invoice SCJPA for half of the invoice	10,500.00	10,500.00

		Total	\$16,500.00
--	--	--------------	-------------

Phone #
925.681.0378

E-mail
ncjpa@sbcglobal.net

Southern California Joint Pole Committee

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

August 17, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 am., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Jeff Williams	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Richard LaBarge	Southern California Edison
Mr. Bryan Strong	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Mr. William Kearns	Frontier Communications
Mr. Ed Loescher	Frontier Communications
Ms. William Schrader	Frontier Communications
Ms. Megan Stewart	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Shawn Henderson	T-Mobile USA
Mr. Ayman Arraj	City of Burbank
Mr. Daniel Lippert	City of Burbank
Mr. Adam Wood	Mobilitie, LLC
Mr. David Campo	City of Lompoc
Mr. Joe Armstrong	City of Pasadena
Ms. Lupe Hernandez	Teleport Communications America, LLC
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Mr. Jay Hanenkratt	ATC Outdoor DAS, LLC (American Tower)
Ms. Sherri Duchateau	Golden State Water
Ms. Catherine Babakhanlou	City of Glendale
Ms. Kay Black	AT&T California
Mr. Chris Manning	Exenet Systems
Ms. Samatha Carillo	Time-Warner USA
Ms. Yvonne Johnson	AT&T Mobility
Ms. Lynn Prescott	Verizon Wireless
Ms. Maria Ortiz	XO Communications
Mr. Dan Garden	MCI Metro/MCI Telecom
Ms. Alyssa Hernandez	City of Colton
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robison	City of Banning
Mr. Mark Denning	M-Power Comm

CALL TO ORDER:

President, Mr. Steve Brown called the meeting to order at 9:05 am. Mr. Chow opened by introducing Mr. Bryan Strong who is the senior organization manager of Joint Pole for SCE. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Riverside (J), the City of Anaheim (D), and the City of Vernon (V).

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the July 20, 2016 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the July 20, 2016 minutes as written and Mr. Cravens seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the July 2016 operating expenses were \$75,376.69 and the members were assessed this amount. July is reflecting an above average monthly expenditures due to the disbursement of the NJUNS initiation and annual fee shared with the NCJPA.

COMMUNICATIONS:

There are no communications reports.

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met briefly on August 16, 2016 and will continue the ad hoc meeting later in the day. She stated that the members may review the meeting minutes for details when they are published.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met August 16, 2016. The members discussed the time frames for the Form 48 and are considering revising the current time frames for this form. Those members interested in joining this discussion on revising the Form 48 time frames should consider attending the next meeting. Also discussed was Section 1.3 and the discussion will continue at the next meeting. She concluded by referring the members to the minutes for details.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met August 16, 2016. She stated that the members shared their suggestions for the redesigned SCJPC website for improved functionality. She added if any members have suggestions to provide Ms. Pranata with the information to be provided to the ad hoc committee for discussion and consideration. She further added that the JPC office will be testing the newly redesigned pole cards. She closed by referring the members to the minutes for further details.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc met August 16, 2016. The members discussed adding an item number to the Computer and Authorized Costs ad hoc committees. This item is in reference to AC 83 -C. He then referred the members to the minutes of the meeting.

Pole Loading Committee

Mr. Brown reported that this ad hoc did not meet in July.

Operating Committee

Ms. Kearns reported that the Operating Committee met on July 20, 2016. He inquired if the members had any questions in regards to the meeting. He then directed the members to the meeting minutes for details.

Single Trip to Pole

Mr. Chow reported that Single Trip to the Pole ad hoc committee did not meet in July.

NJUNS (ad hoc)

Mr. Wayne Brown reported that this ad hoc met on July 20, 2016. The members discussed the pending SCE buddy pole pilot program. He referred the members to the minutes for the details of this meeting.

CONSENT CALENDAR:

There are no items for consent

DISCUSSION CALENDAR:

Section 1.3

Mr. Chow opened the discussion by stating this section alludes to disclosure of the Routine and associated material such as pole prices and authorized costs as restricted only to committee members. However, there have been instances with members who have had to provide this information to third parties in cases of legal proceedings or data requests from the commission. When he inquired with his legal within his organization, they suggested that these materials, the handbook and costs, should be marked confidential. He inquired if members chose not to discuss this issue of confidentiality, he would propose placing it on the Consent Calendar of the next board meeting for approval.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
- Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
- Item 1610: Review of Section 8 & Item 11 AC – Routine & Auth Cost (4/19/2016)
- Item 1611: Helicopter Costs – AUTH COSTS (5/17/2016)
- Item 1612: Crane Costs - AUTH COSTS (5/17/2016)
- Item 1613: Traffic Control/Pedestrian Control - AUTH COSTS (5/17/2016)
- Item 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)
- Item 1615: Street Lights Ownership/Sp&Grd - AUTH COSTS (5/17/2016)
- Item 1616: Final Billed Out of Sequence - ROUTINE REVISION (5/17/2016)
- Item 1617: Section 12.8 Item 115&116 - ROUTINE REVISION (5/17/2016)
- Item 1618: Pull Butt Billing Directive (Item 5A/19) ROUTINE REV & AUTH COST (5/18/2016)
- Item 1619: Section 1.3 Review - ROUTINE REVISION (5/18/2016)
- Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)

In regards to Item 1599: Joint Field Meet Contact List, the members were again reminded to submit their respective joint field meet contact to Mr. Pranata. This list will become available to members via the SCJPC website. Ms. Pranata will follow up by emailing members to provide this information. When this list is complete this item will be closed. Item 1615: Street Lights Ownership and Item 1616: Final Billed out of Sequence are now closed.

Item 1605: 2016 Environmental Issues

There were no environmental issues.

New Business

Known Items:

Time Warner/ Charter Comm Merger – Samatha Carillo Time Warner

Ms. Carillo stated that she would like to address the current merger of Time Warner with Charter Communications. She added that these two entities are currently acting separately. There remain existing Time Warner agreements that require legal processing, therefore, if there are issues concerning Charter, continue contacting Charter until further notice. She concluded by stating that she should have further information within the next two months and will notify the membership then.

Unknown Items:

SCE Steel Stub/truss Presentation next month, September Meeting - SCE

Mr. Chow reported that SCE will start the presentation at approximately 9:15 a.m.

IKE GPS Presentation next month, September meeting

Mr. Steve Brown inquired if members are aware of IKE GPS organization. He stated that this tool is a camera with a GPS and a compass. He added that DWP has purchased five IKE cameras. When operating the camera one photographs the pole and it will record the height of every attachment. IKE is collaborating with OSMOSE and SPIDA on an interface. The interface with SPIDA is complete so you are able to build your pole loading calcs using the SPIDA software. Mr. James Cole of IKE GPS would like to facilitate a presentation to the membership at the next Board meeting. The presentation will start at approximately 10 a.m.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	09/20/16	9:00 a.m.	Committee Office
Pole Loading	09/20/16	Following	Routine Revision
Authorized Costs	09/20/16	Following	Pole Loading
Computer Committee	09/20/16	Following	Authorized Costs
Compliance Committee	09/20/16	Following	Computer Committee
Administrative Board	09/21/16	9:00 a.m.	Committee Office
Operating Committee	09/21/16	Following	Administrative Board
Single Trip to Pole	09/21/16	Following	Operating Committee
NJUNS	09/21/16	Following	Single Trip to Pole

ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:30 a.m., until September 21, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

Southern California Joint Pole Committee

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

September 21, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 am., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Jeff Williams	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. Richard LaBarge	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Mr. Ayman Arraj	City of Burbank
Mr. Adam Wood	Mobilitie, LLC
Mr. Joe Armstrong	City of Pasadena
Ms. Lynn Prescott	Verizon Wireless
Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Alex Parra	City of Riverside
Ms. Catherine Babakhanlou	City of Glendale
Ms. Kay Black	AT&T California
Mr. Chris Manning	Extenet Systems
Ms. Maryam Farajzadeh	City of Vernon
Ms. Mary Li	City of Anaheim
Ms. Maria Ortiz	XO Communications
Ms. Yvonne Johnson	AT&T Mobility
Mr. Dan Garden	MCI Metro/MCI Telecom
Ms. Alyssa Hernandez	City of Colton

Ms. Samantha Carrillo	Time-Warner
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robinson	City of Banning
Mr. Daniel Lippert	City of Burbank
Ms. Lupe Hernandez	Teleport Communications America, LLC
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC

Guests:

Ms. Kelley Mannion	Southern California Edison
Ms. Carolyn Jones	Southern California Edison
Mr. Hannling Shaw	Southern California Edison
Mr. James Cole	IKE GPS
Mr. Matthew Worster	IKE GPS

CALL TO ORDER:

President, Mr. Steve Brown called the meeting to order at 9:05 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Lompoc (LLW), Golden State Water (SCW), M-Power Communications (ICG) and ATC Outdoor DAS -American Tower (AMT).

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the August 17, 2016 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the August 17, 2016 minutes as written and Mr. Armstrong seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the August 2016 operating expenses were \$60,492.80 and the members were assessed this amount. The August expense sheet is reflecting an above average monthly expenditures due to the disbursement for the website enhancements.

COMMUNICATIONS:

There are no communications reports.

SPECIAL REPORTS

SCE Steel Stub/truss Presentation

Ms. Mannion opened the presentation by announcing that SCE has an ongoing project of utilizing extended steel stub/trusses. The objective of this project is to minimize pole replacement costs while remaining below the required GO 95 safety factor in order to extend the life of the pole. Benefits of this project are the strengthening of overloaded structures without replacement, reducing transfer costs to members, and maintaining electrical line during installation.

Mr. Shaw presented the details of this project from an engineering perspective. He stated that destructive testing has been performed to determine the proper share of the load between the wood and the steel. It was determined that the stiffness of the steel must match the stiffness of the wood. SCE worked closely with the manufacturer of the trusses to ensure they meet the GO 95 safety factors. When two pieces are required they must perform as one piece. Mr. Shaw stated that in regards to pole remediation this method is highly cost effective as opposed to replacing the entire pole.

Ms. Mannion continued the presentation by displaying a list of organizations currently utilizing this method for pole remediation. She reiterated that this process is highly cost effective. She then solicited questions or comments. Mr. Brown questioned if there has been any discussion regarding the criteria required for implementing this method such as age of pole or remaining strength. Ms. Mannion responded that the team would be addressing this issue once the engineering analysis is completed. She concluded by stating that she and Mr. Shaw will return and meet with those members who have further questions or concerns.

IKE GPS Presentation

Mr. Cole opened the presentation by stating that IKE is an international organization that originated in New Zealand. The sales and marketing is located in Broomfield, Colorado. He added that his organization is changing the method capturing field data; that data is then collected and exported to selected systems. He then introduced their current hardware which is a laser device titled *IKE 4* which is an android based platform making the device user friendly. The members then viewed a video on the capabilities of the device. This video demonstration is available to view on the IKEGPS.com website to anyone who is interested.

Mr. Worster demonstrated the software capabilities. The device laser is pointed at the structure and HOAs are recorded. IKEGPS interfaces with industry familiar software such as OCAL and SPIDACAL. The accuracy rate is within ½ inch which is acceptable accuracy.

Mr. Williams stated that he has utilized this device and checked the calculations with the manual method and found the device comparable. Ms. Black

inquired into the cost of this tool. Mr. Cole responded that costs may vary, however, they range from approximately \$8,000.00 to \$10,000.00. This cost includes the device and the tripod. Ms. Prescott inquired if the cost included customer training. Mr. Cole responded that training is recommended, however, the training is not included in the price of the product.

Mr. Worster facilitated a real time demonstration of a structure set outside in front of the committee office. The members agreed that this device is an good option for outside plant.

Mr. Cole closed the presentation by thanking the members for allowing him the time to share his product. He added that if members have any further questions they may contact himself or Mr. Worster.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on September 20, 2016. Members discussed authorized costs scenarios. Per action items members are to submit 2017 authorized costs and pole prices by September 30, 2016. There was also discussion on Item 83. She directed the members to the minutes of the meeting for details.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met September 20, 2016. She added that the meeting was productive and as a result there are three items on the discussion calendar and one item for consent. She concluded by referring the members to the minutes for details.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met September 20, 2016. She stated that Item 1551: Sharefile Details has been put on hold. She added that Ms. Pranata continues to work on redesigning Friend program and database with the programmer, Hyperlink. The project is 50% completed and it should be completed by November 30, 2016. She closed by referring the members to the minutes for further details.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc met September 20, 2016. He added that the meeting was brief and he referred the members to the minutes of the meeting.

Pole Loading Committee

Mr. Brown reported that this ad hoc did not meet in September, and will disband this ad hoc committee.

Operating Committee

Ms. Kearns reported that the Operating Committee met on August 17, 2016. He reported that in regards to the accounts receivable his organization is current. He then directed the members to the meeting minutes for details.

Single Trip to Pole

Mr. Chow reported that Single Trip to the Pole ad hoc committee did not meet in September.

NJUNS (ad hoc)

Mr. Wayne Brown reported that this ad hoc met on August 17, 2016. He added that SCE is engaging their regional districts and their respective tenants into the NJUNS project. He will schedule a meeting with Frontier Communications. He then referred the members to the minutes for the details of this meeting.

CONSENT CALENDAR:

Item 1619: Section 1.3 – SCJPC documents to be marked as “Confidential”.

Mr. Chow briefed the members on this item. He reported that what prompted this item was the request by a non-member municipality inquiry to review the Routine Handbook. After review by the SCE legal team it was suggested that this section should be marked “confidential” to address any future inquiries by third parties.

Mr. Brown inquired if there were any questions or if any member desired to bring this item to discussion. In that there were no concerns with this item Mr. Brown solicited a motion to approve this item. Mr. Chow motioned to approve this item, Mr. Kearns seconded the motion, which upon voting passed unanimously.

DISCUSSION CALENDAR:

Section 10.8 & 10.9 of Routine Handbook Revised.

Mr. Brown opened discussion by stating if a member transfers another members facility and that member is billed for the transfer and there is a tenant in their space that member's tenant will be identified by a TN on the proposed portion of the Form 2. He added that DWP notated the grade and space alongside the TN notation, however, this step is optional. Ms. Ortiz added that the initiating member must identify which specific communication member is being billed as a directive to the JPC billing staff. Ms. Black added that identifying the grade and space should not be an option but

required. Ms. Debarge stated that when SCE is initiating the process they do not have that information available at that time unless the tenant is already on record. Mr. Chow added that the objective of this revision is to identify tenants, however, if it is incumbent on the initiating member it may not always be doable and/or may be incorrect. The members discussed various scenarios in regards to this situation of tenant identification. The members agreed that members must be more diligent in marking and identifying their respective tenants to reflect correctly on record and remind tenants to tag their equipment. Mr. Brown reiterated that the objective of this revision is to identify who is to be billed for the transfer as a directive to the JPC staff. He added if members deem that this section requires additional revision it can be referred to the ad hoc Routine Revision committee. This revision will be on the Consent Calendar for Board approval at the October Administrative meeting.

Section 18.1-C of Routine Handbook Revised.

Ms. Ortiz opened discussion by stating when changing from wood to alternative pole type it may be done via a Form 7, unless the pole requires re-engineering. There was no discussion required and the consensus is that this revision will be on the October Consent Calendar for Board approval.

Section 18.7 of Routine Handbook Revised.

This revision pertains to the remarks area of the Form 48. Changes to pulling require communication and justification noted in the remarks area of the Form 48. Mr. Brown stated that other than pulling changes, all other changes continue to require a Form 7. After brief discussion it was agreed that this revision would also be on the October Consent Calendar for approval.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1599: Joint Field Meet Contact List - COMPLIANCE (08/18/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
- Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
- Item 1610: Review of Section 8 & Item 11 AC – Routine & Auth Cost (4/19/2016)
- Item 1611: Helicopter Costs – AUTH COSTS (5/17/2016)
- Item 1612: Crane Costs - AUTH COSTS (5/17/2016)
- Item 1613: Traffic Control/Pedestrian Control - AUTH COSTS (5/17/2016)
- Item 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)

Item 1615: Street Lights Ownership/Sp&Grd - AUTH COSTS (5/17/2016)
 Item 1616: Final Billed Out of Sequence - ROUTINE REVISION (5/17/2016)
 Item 1617: Section 12.8 Item 115&116 - ROUTINE REVISION (5/17/2016)
 Item 1618: Pull Butt Billing Directive (Item 5A/19) ROUTINE REV & AUTH COST (5/18/2016)
 Item 1619: Section 1.3 Review - ROUTINE REVISION (5/18/2016)
 Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)

Item 1599: Joint Field Meet Contact List, Item 1618: Pull Butt Billing Directive, and Item 1619 Section 1.3 Review are now closed, all other items remain open.

Item 1605: 2016 Environmental Issues

There were no environmental issues.

New Business

Known Items:

SCJPC 110th Anniversary Luncheon on November 16th – RSVP by October 1st.

Ms. Pranata reported that she has received approximately four responses.

Unknown Items:

Ms. Black reported that Ms. Erika Williams, the NCJPA operations manager and her assistant Jessica will be attending the October Board meeting. She inquired if the members agree to this. The members all agreed.

Ms. Black inquired if members ID could be remembered when signing onto the website. Ms. Pranata and Mr. Serrato responded that there is an option on the web browser where one can select one's ID remembered.

Ms. Black thanked all for their responses.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	10/18/16	9:00 am.	Committee Office
Authorized Costs	10/18/16	Following	Routine Revision
Computer Committee	10/18/16	Following	Authorized Costs

Compliance Committee	10/18/16	Following	Computer Committee
Administrative Board	10/19/16	9:00 am.	Committee Office
Operating Committee	10/19/16	Following	Administrative Board
NJUNS	10/19/16	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 12:00 pm., until October 19, 2016.

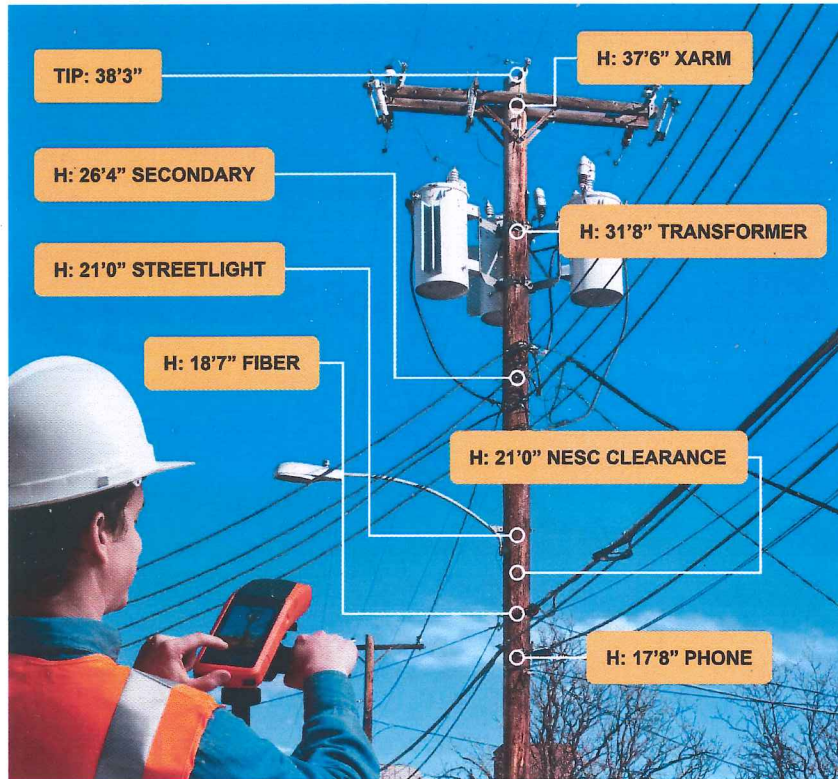
Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

IKE 4

THE EVOLUTION OF POLE MEASUREMENTS



IKE 4 is ikeGPS' fourth-generation field data collection solution and a comprehensive update to IKE 3. The new solution capitalizes on years of customer feedback relating to small- and large-scale field deployments and incorporates the latest mobile hardware and software technologies.

IKE 4 will define the industry standard for collecting aerial / overhead electric distribution data. Core benefits include:

- ▶ Increased field data collection efficiency – collecting data faster:
- ▶ Lower acquisition costs – costs per pole is significantly reduced.
- ▶ Open data format – faster and easier to integrate data with other applications, GIS and pole loading.
- ▶ Easy to use – familiar smartphone user interface and experience.

Electric utilities, communications and engineering services companies can use the IKE 4 solution for:

- ▶ OSP design and new attachment permitting.
- ▶ Pole replacement, new construction, post construction as-built audits.
- ▶ Joint use audits.
- ▶ Regulatory compliance.



Device Features: The IKE 4 device incorporates the latest mobile technologies to produce a best-in-class high-performance, lower-power field data collection solution. Key device features include:



Android 5.1 Mobile OS

Easy to use, smartphone user interface and experiences



Wireless Connectivity

Wi-Fi, bluetooth and broadband data



Extended Battery Life

8 to 10 hours of continued usage



13-Megapixel Digital Camera

Larger viewing angle, reducing distance of capture point



Class 1M Laser

300m and 650m distance options



GPS Receiver

GPS L1 with RTK option



Outdoor Screen Readability

4.8" capacitive, multi-touch Gorilla Glass screen: 1280 x 720 resolution



ARM High-performance, low-power optimization

MediaTek 64-bit quad-core ARM® Cortex®



Tripod – Easy to Set Up & Transport

Lightweight, auto-lock mechanism and shoulder strap

Software Features: IKE 4 software is based on three software components:

IKE Field

IKE Field is an Android mobile app that is preloaded on the IKE Device. The app contains general measurements tools for field data collection and specialized utility pole measurements for pole heights, wire spans, attachment points, GPS location and more. Data collection is based on adjustable workflows with custom hierarchical forms that improve the productivity and efficiency in the field. Data collected with IKE Field is uploaded wirelessly to the IKE Office.

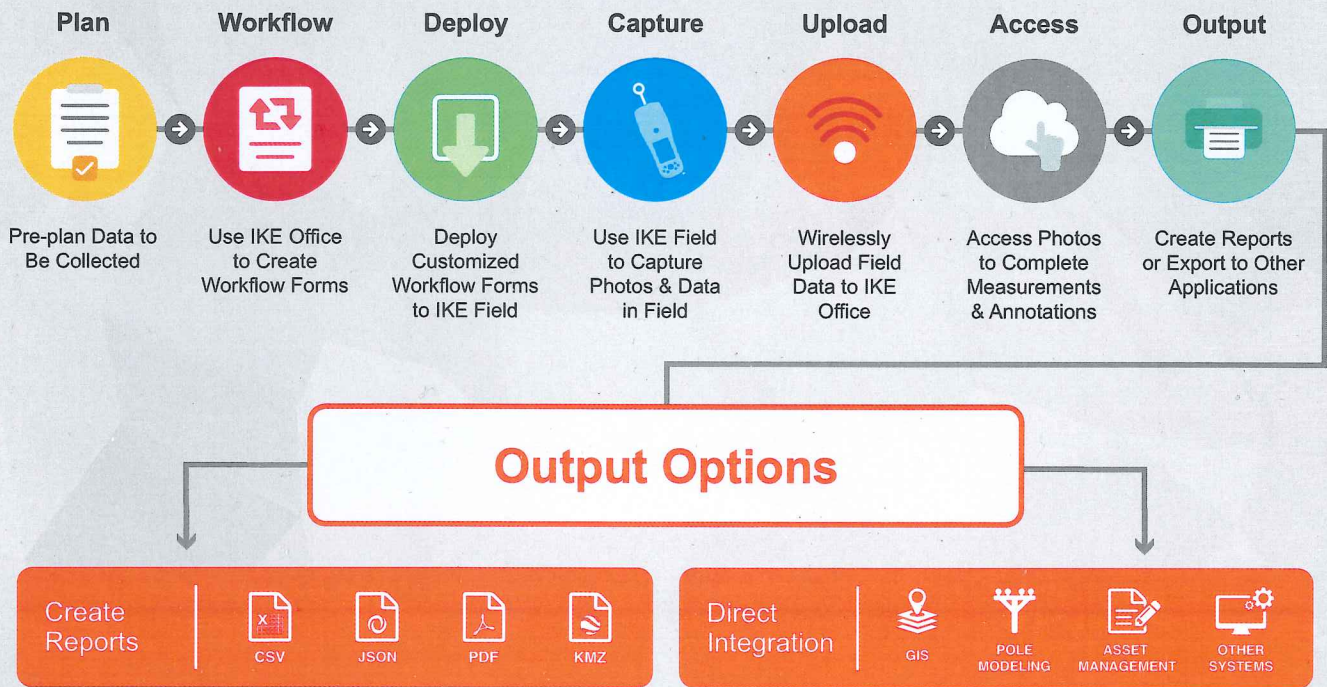
IKE Office

IKE Office is a cloud-based software service that has multiple functions. IKE Office is used to create and then deploy the IKE custom hierarchical forms. As data is collected in the field, it's uploaded from the IKE Field app to IKE Office where it is used to perform functions such as measuring heights of attachment and quality assurance and quality control. IKE Office stores all of the photos, measurements and field data for long-term archiving and retrieval.

IKE Integration

IKE Integration provides a number of output options, enabling a user to create reports or directly integrate data into other applications or enterprise databases. Initially, report output formats include JSON, KMZ and PDF. Direct integration includes SPIDA Software's SPIDACalc pole-loading analysis solution, GIS and other third-party software systems. Additional reporting file formats and system integrations will be released in subsequent software updates.

The IKE 4 Process



To learn more about IKE 4, visit our website or contact us.

www.ikegps.com



Get the measure of your world

350 Interlocken Boulevard, Suite 250
Broomfield, CO 80221
+1 303-222-3218



ike^{GPS}

Get the measure of your world

James Cole *Regional Sales Manager, West*

Office/Mobile +1 602 690 5484

Email james.cole@ikegps.com

ike^{GPS} Inc. 4862 S Purple Sage Drive
Chandler, AZ 85248, USA



10.8 Transfer of Facilities by One Owner

Upon approval, a joint owner may transfer the facilities of another owner and/or their tenants from one pole to another. Number of transfers will be designated by associated Power and Communications Authorized Cost items. Members with like facilities, Section 18.1-D may be applied. Members with unlike facilities, Section 18.1-D does not apply. Must specify member(s) being billed for the transfer in the nature of work section alongside item number of authorized costs.

(Revised ~~January 2009~~ September 2016 for admin board)

10.9 Rearrangement of Facilities by one owner

Upon approval, a joint owner may rearrange the facilities of another owner and/or their tenants on an existing pole. Number of rearrangements will be designated by associated power and communication transfer Authorized Costs Items. Members with like facilities, Section 18.1-D may be applied. Members with unlike facilities, Section 18.1-D does not apply. Must specify member(s) being billed for the transfer in the nature of work section alongside item number of authorized costs.

(Revised ~~January 2009~~ September 2016 for admin board)

18.1-C Changes After Approval

Any changes desired after the Form 2 Preliminary Joint Pole Authorization approval shall be made by means of one of the following:

A) Form 7 (refer to Sec 18.4 and Example 4) ~~shall~~may be used for the following:

- Correct Joint Pole Authorization number
- Correct or add Accounting Data
- Correct pole number
- Delete pole(s)
- Correct Pole length
- Correct Year set
- Correct Pole treatment (except a change from wood to alternative pole type, refer to Section 15.7)
- Circuit correction
- Correct grade and space
- Correct, add or delete authorized costs
- Correct, add or delete Section number
- Change pulling routine
- Delete owner
- Correct pole location and/or community
- Correct, add or delete tenant
- Correct, add or delete anchors, guys or arms
- Correct pole class
 - Change from wood to alternative pole type (refer to Section 15.7)
-

B) A revised Form 2 shall be used for the following:

- Add owner(s)
- Add pole(s)
- Change from wood to ~~alternative-engineered steel~~ pole type (refer to Section 15.7)
- Change in scope of work (i.e. changes causing receiving member to reengineer and/or refield.

Same Joint Pole Authorization number may be used with a revision identifier (i.e. JPA12345 Rev 1, JPA12345 RO1, JPA12345 Rev) and new date sent or the JPA may be canceled with a Form 7 and a new JPA issued.

C) Form 2 Supplement for information or transactions omitted from the original FINAL Joint Pole Authorization. Same Joint Pole Authorization number should be used with a supplement identifier (i.e. **JPA12345SUP1**, **JPA12345S01**, **JPA12345SUPPL**) JPC office will convert to SUP.

Form 48 can be used to make changes to the JPA per Section 18.7. (Revised ~~June 2013~~September 2016 For Admin Board tomorrow.)

PROPOSED

18.7 Form 48 - Notice of Work Completed

This form is used to notify other owners that work has been completed and shall be issued within 30 days of construction complete in order to expedite any remaining joint pole work by other Members, supplementing verbal or other instructions. It may also be used to make changes in a Preliminary Joint Pole Authorization relating to the pulling routine, the topping of poles, ~~and~~-hand dig, and/or additional authorized costs. All changes required justification or to be communicated in the remarks area. Changes on the setting location are not allowed on Form 48 and required approval via Form 7. Where no construction was performed (records only, i.e. 5.1C) a form 48 does not need to be issued. The JPA may bill 45 days from the JPA date sent. If Form 48 is not required, write "Form 48 Not Required" or "F48 N/R" on the Final.

For all other changes a Form 7 should be utilized and sent with a Form 48. If Form 48 is not issued within 30 days, 18.1F may apply. ~~(Revised January 2016)~~Revised September 2016. For Admin Board.

10.8 Transfer of Facilities by One Owner

Upon approval, a joint owner may transfer the facilities of another owner and/or their tenants from one pole to another. Number of transfers will be designated by associated Power and Communications Authorized Cost items. Members with like facilities, Section 18.1-D may be applied. Members with unlike facilities, Section 18.1-D does not apply. Must specify member(s) being billed for the transfer in the nature of work section alongside item number of authorized costs.

(Revised ~~January 2009~~ September 2016 for admin board)

10.9 Rearrangement of Facilities by one owner

Upon approval, a joint owner may rearrange the facilities of another owner and/or their tenants on an existing pole. Number of rearrangements will be designated by associated power and communication transfer Authorized Costs Items. Members with like facilities, Section 18.1-D may be applied. Members with unlike facilities, Section 18.1-D does not apply. Must specify member(s) being billed for the transfer in the nature of work section alongside item number of authorized costs.

(Revised ~~January 2009~~ September 2016 for admin board)

18.1-C Changes After Approval

Any changes desired after the Form 2 Preliminary Joint Pole Authorization approval shall be made by means of one of the following:

A) Form 7 (refer to Sec 18.4 and Example 4) ~~shall~~may be used for the following:

- Correct Joint Pole Authorization number
- Correct or add Accounting Data
- Correct pole number
- Delete pole(s)
- Correct Pole length
- Correct Year set
- Correct Pole treatment (except a change from wood to alternative pole type, refer to Section 15.7)
- Circuit correction
- Correct grade and space
- Correct, add or delete authorized costs
- Correct, add or delete Section number
- Change pulling routine
- Delete owner
- Correct pole location and/or community
- Correct, add or delete tenant
- Correct, add or delete anchors, guys or arms
- Correct pole class
 - Change from wood to alternative pole type (refer to Section 15.7)
-

B) A revised Form 2 shall be used for the following:

- Add owner(s)
- Add pole(s)
- Change from wood to ~~alternative-engineered steel~~ pole type (refer to Section 15.7)
- Change in scope of work (i.e. changes causing receiving member to reengineer and/or refield.

Same Joint Pole Authorization number may be used with a revision identifier (i.e. JPA12345 Rev 1, JPA12345 RO1, JPA12345 Rev) and new date sent or the JPA may be canceled with a Form 7 and a new JPA issued.

C) Form 2 Supplement for information or transactions omitted from the original FINAL Joint Pole Authorization. Same Joint Pole Authorization number should be used with a supplement identifier (i.e. **JPA12345SUP1**, **JPA12345S01**, **JPA12345SUPPL**) JPC office will convert to SUP.

Form 48 can be used to make changes to the JPA per Section 18.7. (Revised ~~June 2013~~September 2016 For Admin Board tomorrow.)

PROPOSED

18.7 Form 48 - Notice of Work Completed

This form is used to notify other owners that work has been completed and shall be issued within 30 days of construction complete in order to expedite any remaining joint pole work by other Members, supplementing verbal or other instructions. It may also be used to make changes in a Preliminary Joint Pole Authorization relating to the pulling routine, the topping of poles, ~~and~~-hand dig, and/or additional authorized costs. All changes required justification or to be communicated in the remarks area. Changes on the setting location are not allowed on Form 48 and required approval via Form 7. Where no construction was performed (records only, i.e. 5.1C) a form 48 does not need to be issued. The JPA may bill 45 days from the JPA date sent. If Form 48 is not required, write "Form 48 Not Required" or "F48 N/R" on the Final.

For all other changes a Form 7 should be utilized and sent with a Form 48. If Form 48 is not issued within 30 days, 18.1F may apply. ~~(Revised January 2016)~~Revised September 2016. For Admin Board.

Southern California Joint Pole Committee

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

October 19, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 am., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Christopher Cravens	City of Los Angeles
Mr. Jeff Williams	City of Los Angeles
Mr. Larry Chow	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Megan Stewart	Frontier Communication
Ms. Manijeh Carmichael	AT&T California
Mr. Ayman Arraj	City of Burbank
Mr. Adam Wood	Mobilitie, LLC
Ms. Sarah Valdez	Mobilitie, LLC
Mr. Joe Armstrong	City of Pasadena
Ms. Wendy Miller	Extenet Systems
Ms. Maria Ortiz	XO Communications
Ms. Yvonne Johnson	AT&T Mobility
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Andrew Craig	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Mai Tran	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Alex Parra	City of Riverside
Ms. Catherine Babakhanlou	City of Glendale
Ms. Kay Black	AT&T California
Mr. Chris Manning	Extenet Systems

Ms. Maryam Farajzadeh	City of Vernon
Ms. Alyssa Hernandez	City of Colton
Ms. Samantha Carrillo	Time-Warner
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robinson	City of Banning
Mr. Daniel Lippert	City of Burbank
Ms. Lynn Prescott	Verizon Wireless
Ms. Kay Black	AT&T California

Guests:

Ms. Jessica Daigle	No. California Joint Pole Assn.
Ms. Erika Williams	No. California Joint Pole Assn.

CALL TO ORDER:

President, Mr. Steve Brown called the meeting to order at 9:05 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Anaheim (D), Golden State Water (SCW), MCI Metro/ATS (ATS), and MCI Telecomm (MCI).

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the September 21, 2016 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the September 21, 2016 minutes as written and Mr. Cravens seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the September 2016 operating expenses were \$109,322.47 and the members were assessed this amount. The September expense sheet is reflecting an above average monthly expenditures due to a three payroll month, and the first half disbursement for the Friend program enhancement.

COMMUNICATIONS:

Freedom Telecommunications, LLC DBA Wilson Membership Application Letter.

Ms. Pranata informed the members that included in their meeting packet is a copy of the application for membership of the above-mentioned entity. She urged the members to review the application for consideration of membership.

SPECIAL REPORTS

There were no special reports

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on October 18, 2016. She reported that the primary topic of discussion is the 2017 pole prices and authorized costs. Those members who have not yet submitted their costs are urged to submit their costs as soon as possible. She directed the members to the minutes of the meeting for further details.

Routine Revision Committee

Ms. Ortiz reported that the ad hoc committee met October 18, 2016. She added that as a result of the meeting there are items on the Discussion Calendar of the days meeting. She further added that Edison has requested a revision to the Form 48. There proposal is that the JPA number appear on the left hand corner of the Form. She concluded by referring the members to the minutes for details.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met October 18, 2016. She stated that there will be updates to the website. She then referred the members to the minutes for any details.

Compliance ad hoc Committee

Mr. Serrato reported that the ad hoc met October 18, 2016. He added that the meeting was brief and he referred the members to the minutes of the meeting.

Operating Committee

Ms. Kearns reported that the Operating Committee met on September 21, 2016. He then directed the members to the meeting minutes for details.

Single Trip to Pole

Mr. Chow reported that Single Trip to the Pole ad hoc committee did not meet in October.

NJUNS (ad hoc)

Mr. Wayne Brown reported that this ad hoc met on September 21, 2016. He added that SCE is updating their respective tenants into the NJUNS project. He is urging members to participate in the NJUNS project and contact Jaime Collins to obtain a pass code to access the program. He then referred the members to the minutes for the details of this meeting.

CONSENT CALENDAR:

Section 10.8 & 10.9 of Routine Handbook revised.

Mr. Brown reported that the following verbiage is added to Section 10.8, “Must specify member (s) being billed for the transfer in the nature of work section alongside item number of authorized costs.”

The following verbiage is added to Section 10.9, “ Must specify member (s) being billed for the transfer in the nature of work section alongside item number of authorized costs.”

Section 18.1-C of Routine Handbook revised.

He added that the changes to Section 18.1-C are as follows, under A) the term “shall” is changed to “may”, and a bullet is added to read, “Change from wood to alternative pole type (refer to Section 15.7)”. Sub-section B) the term “alternative” has been changed to read, “engineered steel”. A footnote has been added that reads as follows, “Form 48 can be used to make changes to the JPA per Section 18.7.”

Section 18.7 of Routine Handbook revised.

He further reported that the following verbiage has been added to Section 18.7, “and/or additional authorized costs. All changes required justification or to be communicated in the remarks area. Changes on the setting location are not allowed on Form 48 and required approval via Form 7.”

Mr. Brown then solicited a motion to approve the items on the Consent Calendar. Ms. Ortiz motioned to approve the Consent Calendar, Mr. Williams seconded the motion, which upon voting passed unanimously.

DISCUSSION CALENDAR:

New Example 28 of Section 18 Routine Handbook.

Ms. Ortiz opened discussion by stating that this example is to accompany Section 7.15 pole replacement. Ms. Hernandez added that she would like to communicate to members that the replacing pole must be compliant with GO 95, Rule 94 maintaining a two feet safety clearance for wireless members. In that poles are replaced like for like and the outgoing pole was not Rule 94 complacent, because it was constructed prior to the rule being in effect, the incoming pole must be set complacent. This revision will be on the Consent Calendar for Board approval at the November Administrative meeting.

New Section 12.8 of Routine Handbook

Ms. Ortiz opened discussion by stating that this is a new section to the handbook to address Heel/Toe and Breast Blocking. There was no discussion on this item. This new section will be on the Consent Calendar for Broad approval at the November Administrative meeting.

Nominating Committee

Ms. Pranata opened discussion by inquiring if any member would like to chair this committee and/or be a member on this committee. The following members volunteered for the committee:

1. City of Los Angeles (M)
2. Teleport Comm. America (TCA)
3. Verizon Wireless (ATC)
4. Sprint Nextel (SPR)
5. XO Communications (NXT)
6. AT&T Mobility (LAC)
7. T-Mobile USA (PBM)
8. City of Pasadena (MP)
9. Southern California Edison (E)

The committee will meet next month.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)

Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
Item 1610: Review of Section 8 & Item 11 AC – Routine & Auth Cost (4/19/2016)
Item 1611: Helicopter Costs – AUTH COSTS (5/17/2016)
Item 1612: Crane Costs - AUTH COSTS (5/17/2016)
Item 1613: Traffic Control/Pedestrian Control - AUTH COSTS (5/17/2016)
Item 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)
Item 1617: Section 12.8 Item 115&116 - ROUTINE REVISION (5/17/2016)
Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1621: Review Form 48 (add/delete item#) - ROUTINE REVISION (8/17/2016)

Item 1610: Review of Section 8 & Item 11 AC, and Item 1621: Review Form 48 (add/delete item#) are now closed, all other items remain open.

Item 1605: 2016 Environmental Issues

There were no environmental issues.

New Business

Known Items:

SCJPC 110th Anniversary Luncheon on November 16th – RSVP by October 1st.

Ms. Pranata reported that the guest count at this time is thirty-one. The final date for responses is October 28, 2016.

Unknown Items:

Pole Loading – SCE

Mr. Wayne Brown opened discussion by stating that an item number for Pole Loading may be required. He added that his organization is receiving requests for pole loading analysis, however, since his organization provides access to the Spida software giving joint members the ability to access this type information using this application. Ms. Carmichael responded that accessing Spida to obtain pole information adds a burden to other members and their resources. Mr. Brown responded that this option was discussed among members and all members were in agreement that using Spida to access pole loading data would not create a problem. She further added that her organization accesses Spida when they are the issuing party, however, per the agreement it is incumbent on the issuing party to provide the pole loading information. Mr. Brown responded that his organization provides this information via Spida. Ms.

Carmichael responded that having to access an SCE system, search and retrieve the data is expending additional responses within her organization. She reiterated that this task should be performed by the issuing member. Mr. Steve Brown inquired if any members utilized Spida to obtain this information. Ms. Ortiz stated that she is able to search for a pole via Spida, however, is not able to retrieve the pole loading information. Mr. Kearns responded that he has a firewall issue. Mr. Chow stated that members experiencing problems accessing Spida may contact the SpidaMin Access Desk which is 949-587-5534. The consensus is to add this issue to the Compliance ad hoc committee for further discussion.

CPCN- Limitations

Mr. Hernandez opened discussion by questioning if the CPUC issues limited CPCN's restricting entities from attaching to poles. Mr. Chow responded that the CPUC may place conditions on this document. Ms. Hernandez inquired if there is any language in the agreement alluding to a limited CPCN, and any action required of the members when considering an entities membership. The consensus is to discuss this issue further at the next Operating Committee meeting.

Time- Warner -TWC

Ms. Carrillo stated that it was brought to her attention that a letter has been sent to TWC vendors and providers that there is a change in the process of submitting invoices. She added that if any members received this letter to kindly disregard it.

Mr. Larry Chow – SCE retirement

Mr. Steve Brown announced that he wished to extend his appreciation to Mr. Chow for his service and on behalf of the SCJPC presented a plaque to Mr. Chow for all he brought to the joint table. Mr. Chow responded that he enjoyed working with all the members. The members extended their best wishes to Mr. Chow.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	11/15/16	9:00 am.	Committee Office
Authorized Costs	11/15/16	Following	Routine Revision
Computer Committee	11/15/16	Following	Authorized Costs
Compliance Committee	11/15/16	Following	Computer Committee
Nominating Committee	11/15/16	Following	Compliance Committee
Administrative Board	11/16/16	9:00 am.	Committee Office
Operating Committee	11/16/16	Following	Administrative Board
Single Trip to Pole	11/16/16	Following	Operating Committee
NJUNS	11/16/16	Following	Single Trip to Pole

ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:45 am., until November 16, 2016.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber



624 South Grand Avenue
Suite 2500
Los Angeles, CA 90017
T +1.213.550.5217
E gnieves@wilcon.com

Via Federal Express (Tracking No. 8102-2846-3051) and Email (angela@scjpc.net)

September 22, 2016

Angela Pranata
Manager of Operations
Southern California Joint Pole Committee
279 E. Arrow Hwy., Suite 104
San Dimas, CA 91773

Re: Freedom Telecommunications, LLC D/B/A WILCON (Utility Number U-6190-C)- Letter of Intent to Apply for Southern California Joint Pole Committee Membership

Dear Ms. Pranata:

Following up on our conversation on September 19, 2016, wherein we discussed membership criteria in the Southern California Joint Pole Committee (“**JPC**”), this letter confirms that Freedom Telecommunications, LLC d/b/a WILCON (“**Wilcon**”) intends to seek membership into the JPC and respectfully requests that you provide the requirements for the membership application.

Wilcon commits to diligently collaborate with the JPC to complete the application in a timely manner. Wilcon acknowledges that the JPC may not consider our application complete if we fail to provide the information requested by the JPC in its letter of requirements. The remainder of this letter details, per your request, Wilcon’s profile, nature of business and CPCN information.

Wilcon Profile

Wilcon’s dark fiber footprint in Southern California spans over 3,000 miles, stretching throughout Southern California from Bakersfield to San Diego, with dense metro footprints in Los Angeles, Burbank, Glendale, Pasadena, Santa Monica, Woodland Hills, Thousand Oaks, Santa Clarita, Long Beach, Anaheim, Irvine, Riverside, Carlsbad and San Diego. Our footprint provides powerful capabilities for the region’s major industries and our carrier customers by giving them access to 1,000+ major on-net locations, including internet hubs, key enterprise locations and wireless communications facilities. A copy of our network map is attached hereto as Attachment A.

Wilcon, along with Wilshire Connection, LLC d/b/a WILCON (Utility Number U-6076-C), is a wholly owned subsidiary of Wilcon Holdings, LLC (“**Holdings**”). Wilcon is part of Holdings’ group of companies that have been operating in California since 1998. Wilcon provides transport and interconnection facilities between multiple collocation facilities, carrier hotels, enterprise locations, MTSO’s and Macro-Cells throughout the state for use by telecommunications carriers, internet access providers, wireless carriers and other high bandwidth users.

Network Deployment

The members of Wilcon’s team who are responsible for managing the deployment of our fiber network, each have in excess of twenty years of experience in the fiber optic deployment

Letter of Intent (SCJPC Membership)

arena. Our teams have designed, engineered, built, and operated fiber-specific networks in one of the most challenging markets & terrain in the United States. Our contract rights to deploy on/in utility, ILEC, and municipal infrastructure are extensive. All necessary pole and conduit agreements are in place with the primary JPC member utilities: Southern California Edison, LA-DWP, AT&T, and Frontier (f/k/a Verizon California) as well as municipalities such as City of Los Angeles, Anaheim, Burbank, El Segundo, Fullerton, Glendale, Pasadena, Torrance to name a few.

With respect to Wilcon's current method of pole attachment, Wilcon has been leasing space from pole owners; however, going forward, Wilcon would like to become a pole owner through its membership in the JPC. We believe that that JPC membership will mutually benefit the committee members and Wilcon by simplifying and streamlining coordination efforts for new pole attachment requests, make ready processing and system maintenance/operation.

Wilcon CPCN Information & Point of Contact

Wilcon has been operating as a certificated public utility in the state since 2008 and was granted authority to provide full facilities-based services in 2009. In May 2014, Holdings, wishing to consolidate the operations of two of its operating subsidiaries, one of which is Wilcon, merged Wilcon with NTC Network, LLC ("NTC") with Wilcon being the surviving entity but retaining the utility number and CPCN of NTC. A copy of California Public Utilities Commission ("CPUC") Decision No. D.99-06-083 issuing NTC Certificate of Public Convenience and Necessity ("CPCN") is attached hereto as Attachment B.

The point of contact during the application process will be Glenn Nieves, General Counsel, Vice President - Government Affairs and Corporate Secretary, who is authorized to carry out the necessary actions to complete the JPC membership application. Mr. Nieves can be contacted at 624 South Grand Avenue, Suite 2500, Los Angeles, CA 90017, 213.550.5217 and at gnieves@wilcon.com.

I believe that this is all the information you requested be provided as part of our letter of intent confirming our intent to seek membership into the JPC and respectfully requested that this letter be processed expeditiously. We look forward to receiving JPC's letter of requirements, submitting our membership application and joining the JPC.

We appreciate your assistance in this matter.

Very truly yours,



Glenn Nieves

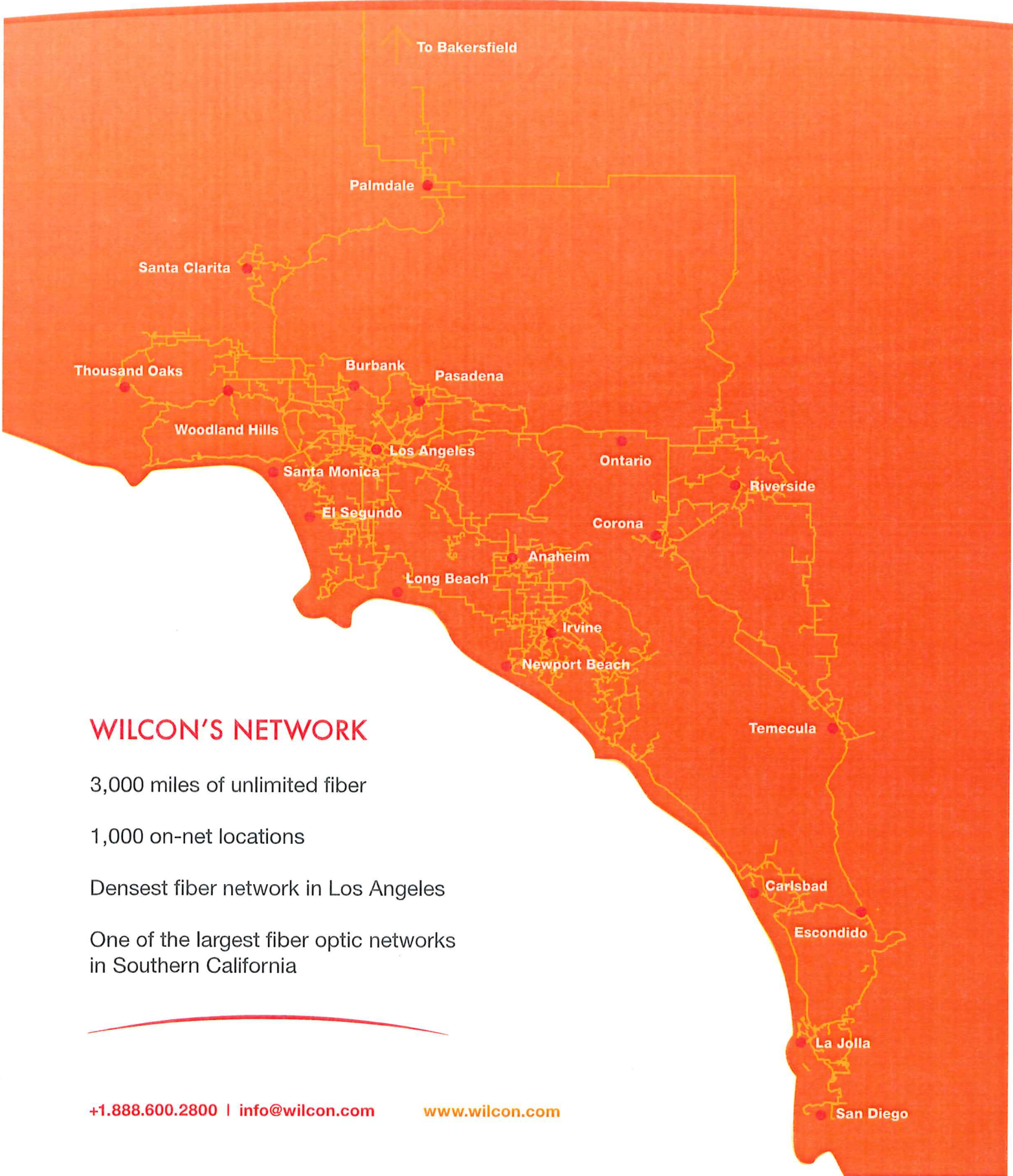


624 South Grand Avenue
Suite 2500
Los Angeles, CA 90017
T +1.213.550.5217
E gnieves@wilcon.com

Attachment A
Network Map



SOUTHERN CALIFORNIA FIBER NETWORK



WILCON'S NETWORK

3,000 miles of unlimited fiber

1,000 on-net locations

Densest fiber network in Los Angeles

One of the largest fiber optic networks
in Southern California

+1.888.600.2800 | info@wilcon.com

www.wilcon.com



624 South Grand Avenue
Suite 2500
Los Angeles, CA 90017
T +1.213.550.5217
E gnieves@wilcon.com

Attachment B

CPUC Decision No. D.99-06-083



Utility Contact System Search

The Utility Contact System (UCS) is the Communications Division's database for the primary regulatory contact for each telephone corporation operating in California. The Communications Division sends important regulatory notices to the regulatory contact for each telephone corporation via e-mail, so it is important for primary regulatory contacts to update their UCS record if their e-mail address changes.

Telephone corporations may update UCS contact information using the form on the following page: [Carrier Reporting Requirements](#)

A description of the different utility types (granted authorities) are listed on the following page: [Utility Type Descriptions](#)

Search Utility Name	Search Utility Number	Search	Clear	City	State	Zip	Phone Number	Email	Utility Type	CPCN Approval Date
Freedom Telecommunications, LLC	6190	624 S. GRAND AVENUE	6190	LOS ANGELES	CA	90017	(213) 550-5217	gnieves@wilcon.com	CLC	06-24-1999
Freedom Telecommunications, LLC	6190	2704 ALT. 19 NORTH	6190	PALM HARBOR	FL	34683	(877) 474-4926	RegulatoryAffairs@caveli.com	CLC	06-24-1999
Freedom Telecommunications, LLC	6190	633 W 5TH ST., 56TH FLOOR	6190	LOS ANGELES	CA	90071	(213) 213-8636		IEC	06-24-1999
Freedom Telecommunications, LLC	6190	2704 ALT. 19 NORTH	6190	PALM HARBOR	FL	34683	(877) 474-4926	RegulatoryAffairs@caveli.com	IEC	06-24-1999
Freedom Telecommunications, LLC	6190	624 S. GRAND AVENUE	6190	LOS ANGELES	CA	90017	(213) 550-5217	gnieves@wilcon.com	IEC	06-24-1999

Save Search Results as CSV Spreadsheet

Comments & Feedback

Decision 99-06-083 June 24, 1999

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking on the
Commission's Own Motion into Competition for
Local Exchange Service.

Rulemaking 95-04-043
(Filed April 26, 1995)

Order Instituting Investigation on the
Commission's Own Motion into Competition for
Local Exchange Service.

Investigation 95-04-044
(Filed April 26, 1995)
(Petition Nos. 132, 133, 134,
135, 136, 137, 138, 139
140, and 142)

O P I N I O N

By this decision, we grant the petitions for certificates of public convenience and necessity (CPCN) to operate as facilities-based competitive local carriers (CLCs) and to offer resold local exchange services within the territories of Pacific Bell (Pacific), GTE California Incorporated (GTEC), Roseville Telephone Company (RTC), and Citizens Telephone Company (CTC), for those petitioners as set forth in Appendix B of this decision, subject to the terms and conditions included herein. We also grant petitioners' requests for intrastate interLocal Access and Transport Areas (interLATA) and intraLATA authority on a statewide basis as designated in Appendix B.

I. Background

We initially established rules for entry of facilities-based CLCs in Decision (D.) 95-07-054. Under those procedures, we processed a group of candidates that filed petitions for CPCNs by September 1, 1995, and granted authority effective January 1, 1996, for qualifying CLCs to provide facilities-based competitive local

exchange service in the territories of Pacific and GTEC. We authorized CLCs seeking to provide resale-based services to begin operations on March 1, 1996. We further advised prospective entrants that any filings from nonqualifying CLCs, and any filing for CLC operating authority made after September 1, 1995, would be treated as standard applications and processed in the normal course of the Commission's business.

By D.96-12-020, effective January 1, 1997, we instituted quarterly processing cycles for granting CPCN authority for facilities-based CLCs in order to streamline the approval process for these particular carriers. Since we had been processing the environmental impact review required under the California Environmental Quality Act (CEQA) on a consolidated basis for groups of qualifying facilities-based CLCs, we concluded in D.96-12-020 that it would be more efficient and consistent to process other aspects of the CLC filings on a consolidated basis, as well. Accordingly, we directed that any CLC filing on or after January 1, 1997, for facilities-based CPCN authority was to make its filing in the form of a petition to be docketed in Investigation (I.) 95-04-044 that would be processed quarterly on a consolidated basis. CLCs seeking only resale authority continued to file individual applications.

On September 24, 1997, we adopted D.97-09-115 in which we extended the coverage of our adopted rules for local exchange competition to include the service territories of California's two midsized local exchange carriers (MSLECs), RTC and CTC. In that decision, we also authorized candidates seeking CLC CPCN authority within the MSLECs' territories to immediately begin making filings following the applicable entry rules previously adopted in D.95-07-054 and subsequent decisions. Specifically, requests for CLC CPCN authority for facilities-based service were to be filed in the form of a petition docketed in I.95-04-044, while resellers have sought authority through applications. In

D.98-01-055, we approved the first group of petitions for facilities-based CPCNs to offer local exchange service within the MSLEC territories.

In this decision, we approve CPCNs for those facilities-based CLCs which filed petitions during the first quarter of 1999 and satisfied all applicable rules for certification as established in Rulemaking (R.) 95-04-043. The Petitioners identified in Appendix B will be authorized to begin offering service upon the filing of tariffs and compliance with the terms and conditions set forth in this order.

II. CEQA Review

We have reviewed the petitions for compliance with CEQA. CEQA requires the Commission to assess the potential environmental impact of a project in order that adverse effects are avoided, alternatives are investigated, and environmental quality is restored or enhanced to the fullest extent possible. To achieve this objective, Rule 17.1 of the Commission's Rules requires the proponent of any project subject to Commission approval to submit with the petition for approval of such project a Proponent's Environmental Assessment (PEA). The PEA is used by the Commission to focus on any impacts of the project which may be of concern, and prepare the Commission's Initial Study to determine whether the project needs a Negative Declaration or an Environmental Impact Report (EIR).

Based on its assessment of the facilities-based petitions and PEAs, the Commission staff prepared a Negative Declaration and Initial Study generally describing the facilities-based Petitioners' projects and their potential environmental effects. The Negative Declaration prepared by the Commission staff is considered a Mitigated Negative Declaration (MND). This means that, although the initial study identified potentially significant impacts, revisions

which mitigate the impacts to a less than significant level have been agreed to by the Petitioners. (Pub. Res. Code § 21080(c)(2).)

A. Results of the Negative Declaration

On April 29, 1999, the Negative Declaration and Initial Study were sent to various city and county planning agencies, as well as public libraries throughout the state for review and comment by May 28, 1999. The Commission staff prepared a public notice which announced the preparation of the draft negative declaration, the locations where it was available for review, and the deadline for written comments. The public notice was advertised in newspapers throughout the state. The draft Negative Declaration was also submitted to the Governor's Office of Planning and Research where it was circulated to affected state agencies for review and comment.

Public comments on the draft Negative Declaration were reviewed and answered, as necessary. The Commission staff then finalized the MND covering all facilities-based CLC petitions listed in Appendix B. The finalized MND includes a list of mitigation measures with which the CLCs must comply as a condition of their CPCN authority. The MND includes a Mitigation Monitoring Plan to ensure that the mitigation measures are followed and implemented as intended. A copy of the MND is attached to this decision as Appendix D. We hereby approve the MND as finalized by staff. Concurrently with our approval of the MND, we grant the request of the Petitioners in Appendix B for CPCN authority subject to the terms and conditions set forth in our order below.

B. Required Payment of CEQA Deposit

Commission Decision 97-04-046 stipulates that all petitioners for CLC authority must submit with their filing an initial payment of \$2000 to cover CEQA costs. The \$2000 payment is used to cover the Commission's costs for

preparing and publishing the Mitigated Negative Declaration for each qualifying petitioner, as required by CEQA law. As of the date of this order, the Commission has received payment of the required \$2000 deposit from each of the CLCs, as identified in Appendix B.

III. Review of CPCN Petitions

A. Overview

The CLC petitions have been reviewed for compliance with the certification-and-entry rules (Rules) adopted in Appendices A and B of D.95-07-054 and subsequent decisions in R.95-04-043/I.95-04-044. Consistent with our goal of promoting a competitive market as rapidly as possible, we are granting authority to all of the facilities-based CLCs that filed during the first quarter of 1999 and met the Rules. The Rules are intended to protect the public against unqualified or unscrupulous carriers, while also encouraging and easing the entry of CLC providers to promote the rapid growth of competition.

Petitioners had to demonstrate that they possessed the requisite managerial qualifications, technical competence, and financial resources to provide facilities-based local exchange service. Petitioners were also required to submit proposed tariffs which conform to the consumer protection rules set forth in Appendix B of D.95-07-054. In response to a notice of tariff deficiencies, the various petitioners submitted tariff corrections. Except for the outstanding deficiencies noted in Appendix C, the petitioners' proposed tariffs are found to be satisfactory with no deficiencies noted.

As prescribed in Rule 4.B.(1), prospective facilities-based CLCs must also show that they possess a minimum of \$100,000 in cash or cash-equivalent resources, as defined in the Rules. In order to demonstrate that they possess the requisite financial resources, petitioners submitted copies of recent financial

statements. Because the financial statements contain commercially sensitive information, the petitioners filed motions for limited protective orders to restrict the financial statements and related documents containing commercially sensitive information from public disclosure pursuant to General Order (GO) 66-C. We grant those motions as prescribed in our order below.

Based upon our review, we conclude that each of the facilities-based Petitioners identified in Appendix B, has satisfactorily complied with our certification requirements for entry, including the consumer protection rules set forth in D.95-07-054, subject to correcting any tariff deficiencies in Appendix C, payment of the required CEQA deposit, and satisfying the additional conditions set forth in the ordering paragraphs below. Accordingly, we grant these Petitioners authority to offer facilities-based and resold local exchange service within the territories of Pacific and GTEC and, where requested, within the CTC and RTC territories. We also grant the statewide inter- and intraLATA authority as requested.

Pursuant to D.97-09-115, CLC resale authority within the RTC and CTC territories was authorized to become effective on or after April 1, 1998. As we stated in D.97-09-115, until the time that tariffed wholesale discount rates are adopted for RTC and CTC, individual CLCs certificated to resell local service within the CTC/RTC territories may enter into negotiations with each of the MSLECs to seek agreement on an interim wholesale discount rate. Disputes over the terms of resale arrangements may be submitted to the Commission for arbitration pursuant to the provisions of Section 252(b)(1) of the Telecommunication Act of 1996 and Commission Resolution ALJ-174.

B. Motion of DSLnet

DSLnet Communications, LLC ("DSLnet"), attempted to file a petition (# 142) for CLC local exchange authority on March 31, 1999, with the intention of being included in the Commission's quarterly "batch" review of such petitions filed during the first quarter of 1999. However, DSLnet subsequently learned that, due to certain confusion surrounding whether DSLnet's Petition was complete for purposes of the Commission's review, the Commission did not technically accept DSLnet's petition until April 13, 1999. As a result, it is now too late for DSLnet's Petition to be included in the Commission's quarterly review process for such petitions filed during the first quarter of 1999, at least to the extent DSLnet seeks facilities-based authority.

Nonetheless, in order to allow DSLnet to initiate competitive telecommunications service in California as soon as possible, DSLnet filed a motion on May 4, 1999, asking the Commission to: (1) immediately consider the portion of DSLnet's Petition seeking authority to resell local exchange telecommunications services, and (2) consider the portion of DSLnet's Petition seeking facilities-based authority in the Commission's quarterly review process for Petitions filed during the second quarter of 1999.

No party has objected to the motion of DSLnet. We consider the request of DSLnet for consideration of the resale portion of its petition in the current quarterly review to be reasonable, under the circumstances and shall grant it.

Due to the timing requirements relating to the Mitigated Negative Declaration, DSLnet's request for facilities-based authority cannot be considered during the current quarter, but shall be deferred to the subsequent quarterly review period.

IV. Compliance With Section 311

In compliance with Pub. Util. Code Section 311 (g)(2), this is an uncontested matter in which the decision grants the relief requested.

Accordingly, pursuant to Pub. Util. Code Section 311(g)(2), the otherwise applicable 30-day period for public review and comment is being waived.

Findings of Fact

1. Nine petitioners filed requests during the first quarter of 1999 seeking a CPCN to provide competitive local exchange services in the territories of various California incumbent local exchange carriers as set forth in Appendix B.

2. An additional petitioner, DSLnet attempted to file during the first quarter, but the filing was not actually docketed until April 13, 1999. DSLnet subsequently filed an uncontested motion seeking to have its request for CLC resale authority to be considered as part of the first quarterly group of CLCs.

3. No protests to the CLC petitioners have been filed.

4. A hearing is not required.

5. By prior Commission decisions, we authorized competition in providing local exchange telecommunications service within the service territories of Pacific, GTEC, RTC, and CTC for carriers meeting specified criteria.

6. The Petitioners listed in Appendix B have demonstrated that each of them has a minimum of \$100,000 in cash or cash equivalent reasonably liquid and readily available to meet its start-up expenses.

7. Petitioners' technical experience is demonstrated by supporting documentation which provides summary biographies of their key management personnel.

8. Except as noted in Appendix C, Petitioners have each submitted a complete draft of their initial tariff which complies with the requirements

established by the Commission, including prohibitions on unreasonable deposit requirements.

9. Commission D.97-04-046 stipulates that all petitioners for CLC authority must submit with their filing an initial payment of \$2,000 to cover the Commission's costs for preparing and publishing the Mitigated Negative Declaration pursuant to CEQA.

10. Each of the CLCs, as identified in Appendix B, has submitted the required \$2,000 CEQA deposit as of the date of this order.

11. By D.97-06-107, petitioners or applicants for CLC authority are exempt from Rule 18(b).

12. Exemption from the provisions of Pub. Util. Code §§ 816-830 has been granted to other nondominant carriers. (*See, e.g., D.86-10-007 and D.88-12-076.*)

13. The transfer or encumbrance of property of nondominant carriers has been exempted from the requirements of Pub. Util. Code § 851 whenever such transfer or encumbrance serves to secure debt. (*See D.85-11-044.*)

Conclusions of Law

1. Each of the Petitioners listed in Appendix B has the financial ability to provide the proposed services, and has made a reasonable showing of technical expertise in telecommunications.

2. Public convenience and necessity require the competitive local exchange services to be offered by Petitioners subject to the terms, conditions, and restrictions set forth below.

3. Each Petitioner is subject to:

- a. The current 0.0% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the Universal Lifeline Telephone Service (Pub. Util. Code § 879; Resolution T-16245, December 3, 1998);

- b. The current 0.192% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California Relay Service and Communications Devices Fund (Pub. Util. Code § 2881; Resolution T-16234; D.98-12-073, , December 17, 1998);
 - c. The user fee provided in Pub. Util. Code §§ 431-435, which is 0.11% of gross intrastate revenue for the 1998-1999 fiscal year (Resolution M-4789);
 - d. The current surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California High Cost Fund-A (Pub. Util. Code § 739.30; D.96-10-066, pp. 3-4, App. B, Rule 1.C; Resolution T-16242 at 0.0% for 1999, December 3, 1998);
 - e. The current 3.8% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California High Cost Fund-B (D.96-10-066, p. 191, App. B, Rule 6.F., Resolution T-16244, December 3, 1998); and,
 - f. The current 0.05% surcharge applicable to all intrastate services except for those excluded by D.94-09-065, as modified by D.95-02-050, to fund the California Teleconnect Fund (D.96-10-066, p. 88, App. B, Rule 8.G, Resolution T-16165; August 1, 1998).
4. Petitioners should be exempted from Rule 18(b).
 5. Petitioners should be exempted from Pub. Util. Code §§ 816-830.
 6. Petitioners should be exempted from Pub. Util. Code § 851 when the transfer or encumbrance serves to secure debt.
 7. Each of the Petitioners must agree to, and is required to, carry out any specific mitigation measures adopted in the Mitigated Negative Declaration (MND), attached as Appendix D, in compliance with CEQA.

8. With the incorporation of the specific mitigation measures in the final MND, the Petitioners' proposed projects will not have potentially significant adverse environmental impacts.

9. The Petitioners should be granted CPCNs subject to the terms, conditions, and restrictions set forth in the order below.

10. Any CLC which does not comply with our rules for local exchange competition adopted in R.95-04-043 shall be subject to sanctions including, but not limited to, revocation of its CLC certificate.

O R D E R

IT IS ORDERED that:

1. A certificate of public convenience and necessity (CPCN), shall be granted to each of the Petitioners listed in Appendix B (Petitioners) to permit each of them to operate as a facilities-based provider of competitive local exchange telecommunications services, as a reseller of competitive local exchange telecommunications services within the service territories as noted in Appendix B and, as a statewide nondominant interexchange carrier (NDIEC), as noted in Appendix B, contingent on compliance with the terms identified in Appendix B and in the remainder of this order.

2. Each Petitioner shall file a written acceptance of the certificate granted in this proceeding prior to commencing service.

3. a. The Petitioners are authorized to file with this Commission tariff schedules for the provision of competitive local exchange, intraLATA (Local Access Transport Area) toll and intrastate interLATA services, as applicable. The Petitioners may not offer these services until tariffs are on file, and until any applicable deficiencies as noted in Appendix C have been corrected. Petitioners'

initial filing shall be made in accordance with General Order (GO) 96-A, excluding Sections IV, V, and VI, and shall be effective not less than one day after approval by the Telecommunications Division.

b. The Petitioners are competitive local carriers (CLCs). The effectiveness of each of their future tariffs is subject to the schedules set forth in Decision (D.) 95-07-054, Appendix A, § 4E.

A. "E. CLCs shall be subject to the following tariff and contract-filing, revision and service-pricing standards:

- "(1) Uniform rate reductions for existing tariff services shall become effective on five (5) working days' notice to the Commission. Customer notification is not required for rate decreases.
- "(2) Uniform major rate increases for existing tariff services shall become effective on thirty (30) days' notice to the Commission, and shall require bill inserts, or a message on the bill itself, or first class mail notice to customers at least 30 days in advance of the pending rate increase.
- "(3) Uniform minor rate increases, as defined in D.95-07-054, shall become effective on not less than five (5) working days' notice to the Commission. Customer notification is not required for such minor rate increases.
- "(4) Advice letter filing for new services and for all other types of tariff revisions, except changes in text not affecting rates or relocations of text in the tariff schedules, shall become effective on forty (40) days' notice to the Commission.
- "(5) Advice letter filings revising the text or location of text material which do not result in an increase in any rate or charge shall become effective on not less than five (5) days' notice to the Commission.
- "(6) Contracts shall be subject to GO 96-A rules for NDIECs, except interconnection contracts.

“(7) CLCs shall file tariffs in accordance with Public Utilities (Pub. Util.) Code Section 876.”

4. The Petitioners may deviate from the following provisions of GO 96-A: (a) paragraph II.C.(1)(b), which requires consecutive sheet numbering and prohibits the reuse of sheet numbers, and (b) paragraph II.C.(4), which requires that “a separate sheet or series of sheets should be used for each rule.” Tariff filings incorporating these deviations shall be subject to the approval of the Commission’s Telecommunications Division. Tariff filings shall reflect all fees and surcharges to which Petitioners are subject, as described in Conclusion of Law 3. Petitioners are also exempt from GO 96-A Section II.G.(1) and (2) which require service of advice letters on competing and adjacent utilities, unless such utilities have specifically requested such service.

5. Each Petitioner shall file as part of its initial tariffs, after the effective date of this order and consistent with Ordering Paragraph 3, a service area map.

6. Prior to initiating service, each Petitioner shall provide the Commission’s Consumer Services Division with the Petitioner’s designated contact persons for purposes of resolving consumer complaints and the corresponding telephone numbers. This information shall be updated if the names or telephone numbers change or at least annually.

7. Where applicable, each Petitioner shall notify this Commission in writing of the date local exchange service is first rendered to the public within five days after service begins. The same procedure shall be followed for the authorized intraLATA and interLATA services, where applicable.

8. Each Petitioner shall keep its books and records in accordance with generally accepted accounting principles.

9. Petitioners shall each file an annual report, in compliance with GO 104-A, on a calendar-year basis using the information-request form developed by the Commission Staff and contained in Appendix A.

10. Petitioners shall ensure that its employees comply with the provisions of Pub. Util. Code § 2889.5 regarding solicitation of customers.

11. The certificate granted and the authority to render service under the rates, charges, and rules authorized will expire if not exercised within 12 months after the effective date of this order.

12. The corporate identification number assigned to each Petitioner, as set forth in Appendix B, shall be included in the caption of all original filings with this Commission, and in the titles of other pleadings filed in existing cases.

13. Within 60 days of the effective date of this order, each Petitioner shall comply with Pub. Util. Code § 708, Employee Identification Cards, reflecting its authority, and notify the Director of the Telecommunications Division in writing of its compliance.

14. Each Petitioner is exempted from the provisions of Pub. Util. Code §§ 816-830.

15. Each Petitioner is exempted from Pub. Util. Code § 851 for the transfer or encumbrance of property, whenever such transfer or encumbrance serves to secure debt.

16. If any Petitioner is 90 days or more late in filing an annual report or in remitting the fees listed in Conclusion of Law 4, Telecommunications Division shall prepare for Commission consideration a resolution that revokes that Petitioner's CPCN, unless that Petitioner has received written permission from Telecommunications Division to file or remit late.

17. The Final Mitigated Negative Declaration, including the Mitigation Monitoring Plan, attached as Appendix D of this decision is hereby approved and adopted.

18. Each of the Petitioners listed in Appendix B shall comply with the conditions and carry out the mitigation measures outlined in the adopted Mitigated Negative Declaration.

19. Each of the Petitioners shall provide the Director of the Commission's Energy Division with reports on compliance with the conditions and implementation of mitigation measures under the schedule outlined in the Mitigated Negative Declaration.

20. Petitioners shall comply with the consumer protection rules set forth in Appendix B of D.95-07-054.

21. Petitioners shall comply with the Commission's rules for local exchange competition in California that are set forth in Appendix C of D.95-12-056, including the requirement that CLCs shall place customer deposits in a protected, segregated, interest-bearing escrow account subject to Commission oversight.

22. Petitioners shall comply with the customer notification and education rules adopted in D.96-04-049 regarding the passage of calling party number.

23. Petitioners' respective motions for a limited protective order keeping designated documents containing financial and other operating information confidential are granted. Such documents will remain under seal for one year from today unless a petitioner makes a timely request for extension of confidential treatment of its documents by filing a separate motion with good cause shown.

24. The motion of DSLnet to have the resale portion of its CLC petition considered in the current quarterly cycle is granted.

25. The petitions listed in Appendix B are granted only as set forth above.

This order is effective today.

Dated June 24, 1999, at San Francisco, California.

RICHARD A. BILAS
President

HENRY M. DUQUE

JOSIAH L. NEEPER

JOEL Z. HYATT

CARL W. WOOD

Commissioners

APPENDIX A
Page 1 of 2

**TO: ALL COMPETITIVE LOCAL CARRIERS AND INTEREXCHANGE
TELEPHONE UTILITIES**

Article 5 of the Public Utilities Code grants authority to the California Public Utilities Commission to require all public utilities doing business in California to file reports as specified by the Commission on the utilities' California operations.

A specific annual report form has not yet been prescribed for the California interexchange telephone utilities. However, you are hereby directed to submit an original and two copies of the information requested in Attachment A no later than March 31st of the year following the calendar year for which the annual report is submitted.

Address your report to:

California Public Utilities Commission
Auditing and Compliance Branch, Room 3251
505 Van Ness Avenue
San Francisco, CA 94102-3298

Failure to file this information on time may result in a penalty as provided for in §§ 2107 and 2108 of the Public Utilities Code.

If you have any question concerning this matter, please call (415) 703-1961.

APPENDIX A

Page 2 of 2

Information Requested of California Competitive Local Carriers and Interexchange Telephone Utilities.

To be filed with the California Public Utilities Commission, 505 Van Ness Avenue, Room 3251, San Francisco, CA 94102-3298, no later than March 31st of the year following the calendar year for which the annual report is submitted.

1. Exact legal name and U # of reporting utility.
2. Address.
3. Name, title, address, and telephone number of the person to be contacted concerning the reported information.
4. Name and title of the officer having custody of the general books of account and the address of the office where such books are kept.
5. Type of organization (e.g., corporation, partnership, sole proprietorship, etc.).
If incorporated, specify:
 - a. Date of filing articles of incorporation with the Secretary of State.
 - b. State in which incorporated.
6. Commission decision number granting operating authority and the date of that decision.
7. Date operations were begun.
8. Description of other business activities in which the utility is engaged.
9. A list of all affiliated companies and their relationship to the utility. State if affiliate is a:
 - a. Regulated public utility.
 - b. Publicly held corporation.
10. Balance sheet as of December 31st of the year for which information is submitted.
11. Income statement for California operations for the calendar year for which information is submitted.

(END OF APPENDIX A)

APPENDIX B
Page 1 of 1

LISTING OF PETITIONERS GRANTED CPCN AUTHORITY

Name of Petitioner	Petition No.	Utility U-No.	Requested Authority		Statewide Inter/Intra-LATA
			Local Exchange ¹ Facilities-based	Resale	
1. Eagle Communications of California, LLC	132	U-6182C	X	X	
2. US Data Highway Corp. ² ,	133	U-6183C	X		
3. Seren Innovations, Inc. ²	133	U-6184C	X	X	X
4. HTC Communications, LLC ²	135	U-6185C	X	X	X
5. Network Plus, Inc.	136	U-6186C	X	X	X
6. Campuslink Communications Systems, Inc. ²	137	U-6187C	X	X	X
7. XL Networks, Inc.	138	U-6188C	X	X	X
8. Triad Communications Corporation ² ,	139	U-6189C	X	X	X
9. NTC Network, LLC ²	140	U-6190C	X	X	X
10. DSLnet Communications, LLC ³	142	U-6191C		X	

¹ Unless otherwise indicated, the authorized local exchange service territory of each CLC petitioner is limited to the ILEC service territories of Pacific, GTEC.

² The authorized local exchange territory for this carrier encompasses the ILEC service territories of Pacific, GTEC, RTC, and CTC.

³ The facilities-based portion of the DSLnet petition shall be considered during the next quarterly review period.

10.8 Transfer of Facilities by One Owner

Upon approval, a joint owner may transfer the facilities of another owner and/or their tenants from one pole to another. Number of transfers will be designated by associated Power and Communications Authorized Cost items. Members with like facilities, Section 18.1-D may be applied. Members with unlike facilities, Section 18.1-D does not apply. Must specify member(s) being billed for the transfer in the nature of work section alongside item number of authorized costs.

(Revised ~~January 2009~~ September 2016 for admin board)

10.9 Rearrangement of Facilities by one owner

Upon approval, a joint owner may rearrange the facilities of another owner and/or their tenants on an existing pole. Number of rearrangements will be designated by associated power and communication transfer Authorized Costs Items. Members with like facilities, Section 18.1-D may be applied. Members with unlike facilities, Section 18.1-D does not apply. Must specify member(s) being billed for the transfer in the nature of work section alongside item number of authorized costs.

(Revised ~~January 2009~~ September 2016 for admin board)

18.1-C Changes After Approval

Any changes desired after the Form 2 Preliminary Joint Pole Authorization approval shall be made by means of one of the following:

A) Form 7 (refer to Sec 18.4 and Example 4) ~~shall~~may be used for the following:

- Correct Joint Pole Authorization number
- Correct or add Accounting Data
- Correct pole number
- Delete pole(s)
- Correct Pole length
- Correct Year set
- Correct Pole treatment (except a change from wood to alternative pole type, refer to Section 15.7)
- Circuit correction
- Correct grade and space
- Correct, add or delete authorized costs
- Correct, add or delete Section number
- Change pulling routine
- Delete owner
- Correct pole location and/or community
- Correct, add or delete tenant
- Correct, add or delete anchors, guys or arms
- Correct pole class
 - Change from wood to alternative pole type (refer to Section 15.7)
-

B) A revised Form 2 shall be used for the following:

- Add owner(s)
- Add pole(s)
- Change from wood to ~~alternative-engineered steel~~ pole type (refer to Section 15.7)
- Change in scope of work (i.e. changes causing receiving member to reengineer and/or refield).

Same Joint Pole Authorization number may be used with a revision identifier (i.e. JPA12345 Rev 1, JPA12345 RO1, JPA12345 Rev) and new date sent or the JPA may be canceled with a Form 7 and a new JPA issued.

C) Form 2 Supplement for information or transactions omitted from the original FINAL Joint Pole Authorization. Same Joint Pole Authorization number should be used with a supplement identifier (i.e. **JPA12345SUP1**, **JPA12345S01**, **JPA12345SUPPL**) JPC office will convert to SUP.

Form 48 can be used to make changes to the JPA per Section 18.7. (Revised ~~June 2013~~September 2016 For Admin Board tomorrow.)

PROPOSED

18.7 Form 48 - Notice of Work Completed

This form is used to notify other owners that work has been completed and shall be issued within 30 days of construction complete in order to expedite any remaining joint pole work by other Members, supplementing verbal or other instructions. It may also be used to make changes in a Preliminary Joint Pole Authorization relating to the pulling routine, the topping of poles, ~~and~~-hand dig, and/or additional authorized costs. All changes required justification or to be communicated in the remarks area. Changes on the setting location are not allowed on Form 48 and required approval via Form 7. Where no construction was performed (records only, i.e. 5.1C) a form 48 does not need to be issued. The JPA may bill 45 days from the JPA date sent. If Form 48 is not required, write "Form 48 Not Required" or "F48 N/R" on the Final.

For all other changes a Form 7 should be utilized and sent with a Form 48. If Form 48 is not issued within 30 days, 18.1F may apply. ~~(Revised January 2016)~~Revised September 2016. For Admin Board.

Please join us to celebrate the

***110th Anniversary of
SCJPC***

Wednesday, November 16, 2016

At 12:00 p.m.

Kellogg West Conference Center and Hotel

3801 W Temple Ave

Bldg. 76

Pomona, CA 91768

\$32 per person*

Please RSVP to angela@scjpc.net

by October 1, 2016

* In reference to the financing of the SCJPC 110th anniversary luncheon, the Operating committee has agreed that each member is responsible for the cost of their lunch and their respective guests'. The approximate cost per plate (which is buffet style) is \$32, but could change. Members will be billed the month following the luncheon on their assessment invoice as a special assessment.

Southern California Joint Pole Committee

RSVP LIST

110th Anniversary Luncheon on Wed, November 16, 2016 - 12pm

	Member Code	Member Name	RSVP #	Names
1	E	Edison		
2	FTR	Frontier Communications	4	Bill Kearns + 3
3	H	AT&T CA	2	Kay & Manijeh
4	M	City of LA	0	0
5	NG	Crown Castle NG West Inc.	2	Earle + 1
6	ATC	Verizon Wireless	1	Lynn Prescott
7	J	City of Riverside		
8	D	City of Anaheim		
9	TCA	Teleport Comm. America, LLC	2	Lupe & Dayla
10	A	City of Glendale		
11	ATS	MCI Metro/ATS		
12	B	City of Burbank	2	Daniel & Ayman
13	MP	City of Pasadena		
14	TWC	Time Warner Cable		
15	SCW	Golden State Water		
16	LAC	AT&T Mobility	1	Yvonne Johnson
17	NXT	XO Communications	1	Maria Ortiz
18	F	City of Colton		
19	MA	City of Azusa		
20	COB	City of Banning		
21	LLW	City of Lompoc		
22	MCI	MCI Telecomm		
23	V	City of Vernon		
24	NPN	NewPath Networks	0	See NG
25	SPR	Sprint Nextel Corp.	1	Alicia Smith
26	ICG	Mpower Comm		
27	PBM	T-Mobile USA	2	Shawn H + 1
28	FON	Sprint Comm, LP	0	See SPR
29	EXT	ExteNet Systems		
30	CCI	CA-CLEC LLC	0	See NG
31	AMT	ATC-Outdoor DAS, LLC		
32	MOB	Mobilitie, LLC	1	Sarah Valdez
33	SCJPC	SCJPC Staff	12	SCJPC Staff

Total 31

PRELIMINARY JOINT POLE AUTHORIZATION
CUT AND KICK REPLACEMENT OF A POLE WITH A WIRELESS ANTENNA
EXAMPLE 28

This transaction is an antenna pole replacement in the same hole.

- (1) This transaction is a cut & kick pole where U1 will pull the butt and U3 will lower, transport and dispose.
- (2) Indicate proper section of routine to reflect work being done. Note: Section 7.4 & 7.15 are not stand-alone sections, must be used in conjunction with section identifying reason for replacement.

(3) Item 19A, B or C must be used when using section 7.4, unless it is for the sole benefit of the setting member.

(4) List authorized costs as applicable.

(5) Replacement poles must be G.O.95, Rule 94 compliant.

AUTHORIZATION FOR JOINT POLE TRANSACTION

Date Prepared 5/6/2016

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

Date Sent 5/29/2016

Confirming Agreement _____

In Field

By Telephone

Est. Const. Start 6/29/2016

No. of Pages _____

J.P. Auth.No. U3-34578

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	LOS ANGELES	JONES	LOS ANGELES	55773034
U2	JOHNSON	LOS ANGELES	JOHNSON	LOS ANGELES	A4035
U3	WHITE	LOS ANGELES	WHITE	LOS ANGELES	LA062-016

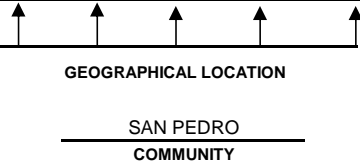
POLE NO.	Pole Length Anchor Size	Year Set	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	
			Pole Trt			Pole Trt					
			Class	L	U2	U3	L	U2			U3
			Anchor Direct.	U1	U2	U3	U1	U2	U3		
											2
										U1 TO REPLACE POLE SECTION 7.15, 7.4, 7.XX	1
						ANT					2
3053-U1	45	02	FT	39-3	23-1	30-7	PB		LTD	PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	3
				22-4			1			19A SET SAME HOLE FOR U3 BENEFIT	4
									ANT		5
30568-U1	45		FT 2				39-3	23-1	30-5	PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	6
							22-4			SCZ = 25-2	7
							1			83 U1 TO TRANSFER U2	8
											9
											10
											11
											12
											13

NOTE. Prelim file is outdated.
Need to use the latest F2 excel file.

POLE LEGEND:
P = PULL
PB = PULL BUTT
T = TRANSPORT
S = SALVAGE
D = DISPOSE
TN = TENANT

ANCHOR LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

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



Section 12.8 Heel/Toe Braces and Breast Blocking

This section shall be used for the placement of heel/toe braces or breast blocking. These methods are used in situations where the condition of the soil is not firm and the surface is not sufficient to prevent the over-turning or excessive movement of a pole at the ground line. The cost associated with installation of a heel/toe brace or breast block can be found in Authorized Costs and shall be shared equally by all joint owners.

Southern California Joint Pole Committee

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

November 16, 2016

A regular meeting of the **Administrative Board** took place on the above date, at 9:00 am., at the Committee office.

Those in attendance were:

Mr. Steve Brown	City of Los Angeles
Mr. Jeff Williams	City of Los Angeles
Mr. Rich LaBarge	Southern California Edison
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Jessica Pearson	Southern California Edison
Mr. William Kearns	Frontier Communications
Mr. Kevin Moy	Frontier Communication
Ms. Lynn Prescott	Verizon Wireless
Ms. Manijeh Carmichael	AT&T California
Mr. Daniel Lippert	City of Burbank
Mr. David Campo	City of Lompoc
Mr. Adam Wood	Mobilitie, LLC
Ms. Sarah Valdez	Mobilitie, LLC
Ms. Wendy Mueller	Extenet Systems
Ms. Maria Ortiz	XO Communications
Ms. Yvonne Johnson	AT&T Mobility
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Wilson Parales	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Dayla Kerwin	Teleport Communications America, LLC
Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Mr. Andrew Craig	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Mai Tran	Crown Castle NG West Inc./NewPath/CA-CLEC LLC

Mr. Alex Parra	City of Riverside
Mr. Mark Denning	M-Power Communications
Mr. Chris Manning	Extenet Systems
Ms. Maryam Farajzadeh	City of Vernon
Ms. Alyssa Hernandez	City of Colton
Ms. Samantha Carrillo	Time-Warner
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robinson	City of Banning
Mr. Ayman Arraj	City of Burbank
Ms. Mary Li	City of Anaheim
Ms. Kay Black	AT&T California
Mr. Josh Mathisen	AT&T California
Mr. Dan Garden	MCI Telecommunications/MCI Metro ATS

CALL TO ORDER:

President, Mr. Steve Brown called the meeting to order at 9:05 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are the City of Glendale (A), Golden State Water (SCW), City of Pasadena (MP), City of Azusa (MA), and ATC Outdoor DAS (AMT).

HOUSEKEEPING:

Mr. Brown requested that members who are teleconferencing mute their phones so that no interference is picked up. He added that if the teleconferencing members must step away from the meeting to please inform the chair when they leave and return to the meeting, in the event that a vote call transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the October 19, 2016 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions or corrections, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the October 19, 2016 minutes as written and Ms. Prescott seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the October 2016 operating expenses were \$56,076.76 and the members were assessed this amount. The October expense sheet is reflecting an average monthly expenditures.

COMMUNICATIONS:

There were no communications to report.

SPECIAL REPORTS

There were no special reports

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. DeBarge reported that the Authorized Costs ad hoc Committee met on November 15, 2016. She reported that there are action items for those members who have yet to submit their 2017 pole prices and authorized costs. She urged those members to submit these items as soon as possible. She then directed the members to review the submitted pole prices and authorized costs and if there are any concerns they may bring them to the table at the next Authorized Costs ad hoc committee meeting. For further details Ms. DeBarge referred the members to the minutes of the meeting.

Routine Revision ad hoc Committee

Mr. Ortiz reported that this ad hoc met November 15, 2016. There are items on the Consent Calendar that were agreed at the meeting and are ready for Board approval. As a reminder the members discussed Section 7 in that an incoming member replacing a pole should not include Section 4. As another reminder when creating a JPA, please list the members in the same order as listed on the pole record in that this will expedite billing for the JPC staff. She added that a member has a concern with the failure to complete pole removals on JPA's that have been final billed. This ad hoc will discuss this issue at the next meeting. Any member who wishes to join this discussion please plan on attending. It has been agreed that the Routine Revision ad hoc committee will start the meeting promptly at 9:00 am the day the January 2017 meeting is scheduled. Mr. Steve Brown added that the ad hoc will be discussing imposing penalties on members who fail to complete pole removals on final billed JPA's and urged members to plan on attending this meeting and discussion. Ms. Ortiz closed by directing the members to the minutes of the meeting.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met November 15, 2016. She stated that there was not much change on the agenda items, therefore she referred the members to the minutes for details.

Compliance ad hoc Committee

Mr. Brown reported that this ad hoc did not meet in November.

Operating Committee

Ms. Kearns reported that the Operating Committee met on October 19, 2016. He then directed the members to the meeting minutes for details.

Single Trip to Pole

Mr. LaBarge reported that Single Trip to the Pole ad hoc committee met November 15, 2016. This ad hoc will continue discussing the single trip to the pole topic.

NJUNS (ad hoc)

Mr. Wayne Brown reported that this ad hoc met on October 19, 2016. He referred the members to the minutes for details.

Nominating Committees

The nominating committee met November 15, 2016. The nominated officers and chairs are as follows:

President

Vice President

Authorized Costs Chair

Routine Revisions Chair

Computer Communications Chair

Compliance Chair

Operating Chair

NJUNS Chair

Basic JPA Training Chair

City of Los Angeles

Frontier Communications

Teleport Communications America

XO Communications

So. California Edison

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

Frontier Communications

So. California Edison

AT&T Mobility

These positions will be on the January 2017 Consent Calendar for Board approval and the positions effective February 2017.

CONSENT CALENDAR:

New Example 28 of Section 18 Routine Handbook.

New Section: 12.8 of Routine Handbook

2017 Proposed Operating Budget – Draft 2

Mr. Brown solicited a motion to approve the items on the Consent Calendar. Ms. Ortiz motioned to approve the Consent Calendar, Ms. Hernandez seconded the motion, which upon voting passed unanimously.

DISCUSSION CALENDAR:

There were no items on the Discussion Calendar.

OTHER ITEMS: Unfinished Business

- Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1581: Pole Record Redesign – COMPUTER (10/16/2013)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – ROUTINE REVISION (05/19/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- Item 1604: 110th SCJPC Anniversary – OPERATING (11/18/2015)
- Item 1606: Construction Time Frames – SINGLE TRIP (1/20/2016)
- Item 1609: JP Forms Timelines - ROUTINE REVISION (03/16/2016)
- Item 1611: Helicopter Costs – AUTH COSTS (5/17/2016)
- Item 1612: Crane Costs - AUTH COSTS (5/17/2016)
- Item 1613: Traffic Control/Pedestrian Control - AUTH COSTS (5/17/2016)
- Item 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)
- Item 1617: Section 12.8 Item 115&116 - ROUTINE REVISION (5/17/2016)
- Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
- Item 1622: Pole Mount Equipment in common space - ROUTINE REVISION (6/14/2016)
- Item 1623: 18.1D Arbitration - ROUTINE REVISION (10/18/2016)
- Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
- Item 1625: Addressing Final Return/Errors - OPERATING (11/15/2016)

Item 1617: Section 12.8 Item 115&116 is now closed, all other items remain open.

Item 1605: 2016 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

There were no Known Items for discussion.

Unknown Items:

Detailed Inspections – City of Riverside.

Mr. Parra reported that his organization will commence with detailed pole inspections in 2017. He added that he is unfamiliar with pole inspection billing and questioned if the JPA process for this action is similar to the pole replacement billing. Mr. Brown responded that examples of this type billing could be provided and that one JPA is utilized for a block of pole inspections, however the JPA is limited to 10 pages.

Mr. Mathisen questioned if members are billing for patrol and detailed inspections. Mr. Brown responded that DWP does not, however does bill for intrusive inspections. Ms. Hernandez stated that all members are responsible for this type inspections, therefore, they are not billable. They informed Mr. Parra that there are items that pertain to inspections in authorized costs and if utilized and a benefit to all owners than billing is allowable. Members must have a Board approved inspection program noted in the Routine Handbook.

Ms. Farajzadeh questioned the time limit for billing on inspections. The time allowable is three years and once every five years. Ms. Pranata informed Ms. Farajzadeh that her organization does not have a Board approved inspection program documented in the Routine Handbook. Mr. Farajzadeh responded that she was of the opinion that her organization had been approved and would internally research this issue.

Wireless Antenna Clearance

Mr. Steve Brown presented a scenario pertaining to a pole replacement and the antenna safety clearance allocation. He stated the JPA prelim Form is sent on June 2012, it is then returned August 2012. Construction is completed in October 2015. A Form 7 requiring a tower pole is sent in November 2016, the JPA is not final billed but the JPA has passed the 45 day time limit. He inquired how should one address the antenna clearance issue.

Ms. Hernandez responded that the pole setting member must be GO 95 compliant. She added that if there is not enough antenna safety clearance allowance then it must be addressed with the wireless member. She concluded by stating that this rule is relatively new to the joint process, however, all members must be GO 95 compliant.

APPA Webinar

Mr. Williams reported that he attended an APPA webinar meeting regarding federal legislation allowing one communication organization to rearrange all equipment on a pole to allow their incoming attachment. He added that there was no mention of power, or if municipalities will be exempt. Wayne Brown commented that this appears in line with a single trip to the pole concept. Mr. Williams further added that Google is a big proponent of this federal legislation. He concluded by stating that he wanted communications members to prepare and be aware of this possibility.

City of Vernon

Ms. Farajzadeh reported that she is experiencing a problem with Crown Castle and attaching without notification. Mr. Carrion stated that he has proof that the prelim JPA was mailed to an address from the website. It was noted that many members have several addresses uploaded onto the SCJPC website and one must be certain that forms are mailed to the correct address. The members gave Ms. Farajzdeh direction on how to remedy this JPA issue. It was agreed that Vernon and Crown Castle resolve this off line of the meeting.

New Item: 1626: Electronic Delivery of Forms

Ms. DeBarge requested to discuss electronic delivery of forms at next year's Routine Revision meeting. It was agreed that a new *item1626: Electronic Delivery of Forms*, has been added to the Routine Revision ad hoc agenda.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	01/17/17	9:00 am.	Committee Office
Authorized Costs	01/17/17	Following	Routine Revision
Computer Committee	01/17/17	Following	Authorized Costs
Compliance Committee	01/17/17	Following	Computer Committee
Administrative Board	01/18/17	9:00 am.	Committee Office
Operating Committee	01/18/17	Following	Administrative Board
Single Trip to Pole	01/18/17	Following	Operating Committee
NJUNS	01/18/17	Following	Single Trip to Pole

ADJOURNMENT:

Mr. Brown adjourned the meeting at 11:00 am., until January 18, 2017 meeting.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

PRELIMINARY JOINT POLE AUTHORIZATION
CUT AND KICK REPLACEMENT OF A POLE WITH A WIRELESS ANTENNA
EXAMPLE 28

This transaction is an antenna pole replacement in the same hole.

- (1) This transaction is a cut & kick pole where U1 will pull the butt and U3 will lower, transport and dispose.
- (2) Indicate proper section of routine to reflect work being done. Note: Section 7.4 & 7.15 are not stand-alone sections, must be used in conjunction with section identifying reason for replacement.

(3) Item 19A, B or C must be used when using section 7.4, unless it is for the sole benefit of the setting member.

(4) List authorized costs as applicable.

(5) Replacement poles must be G.O.95, Rule 94 compliant.

AUTHORIZATION FOR JOINT POLE TRANSACTION

Date Prepared 5/6/2016

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

Date Sent 5/29/2016

Confirming Agreement _____

In Field

By Telephone

Est. Const. Start 6/29/2016

No. of Pages 1

J.P. Auth.No. U3-34578

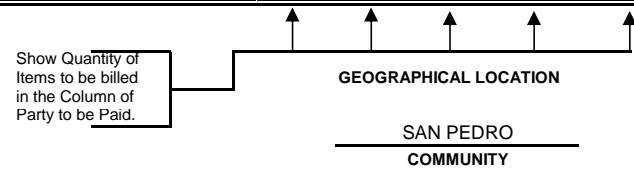
UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	LOS ANGELES	JONES	LOS ANGELES	55773034
U2	JOHNSON	LOS ANGELES	JOHNSON	LOS ANGELES	A4035
U3	WHITE	LOS ANGELES	WHITE	LOS ANGELES	LA062-016

POLE NO.	Pole Length Anchor Size	Year Set	Record			Proposed			Item No.	LOCATION AND NATURE OF WORK <small>If not in accordance with Joint Pole agreement and routine-state reasons.</small>
			Pole Trt Class Anchor Direct.	L U1	U2	U3	L U1	U2		
										2
									U1 TO REPLACE POLE SECTION 7.15, 7.4, 7.XX	1
										2
3053-U1	45	02	FT	39-3	23-1	30-7			PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	3
				22-4					19A SET SAME HOLE FOR U3 BENEFIT	4
										5
30568-U1	45		FT 2						PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	6
									SCZ = 25-2	7
									83 U1 TO TRANSFER U2	8
										9
										10
										11
										12
										13

NOTE. Prelim file is outdated.
Need to use the latest F2 excel file.

POLE LEGEND:
P = PULL
PB = PULL BUTT
T = TRANSPORT
S = SALVAGE
D = DISPOSE
TN = TENANT

ANCHOR LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED



Section 12.8 Heel/Toe Braces and Breast Blocking

This section shall be used for the placement of heel/toe braces or breast blocking. These methods are used in situations where the condition of the soil is not firm and the surface is not sufficient to prevent the over-turning or excessive movement of a pole at the ground line. The cost associated with installation of a heel/toe brace or breast block can be found in Authorized Costs and shall be shared equally by all joint owners.

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
2017 PROPOSED OPERATING BUDGET - Draft 2**

Line		2013	2014	2015	2016*	2017	Member	
	EMPLOYEE EXPENSE	ACTUAL	ACTUAL	ACTUAL	(based on Sept YTD exp)	PROPOSED	Assessment: Proportional/ Equal	
1	Salaries	363,878	377672	391151	429707 *	484,472	P	Year end projection on budget-added 5% to 2016 expense + new employee
2	Insurance - Med/Den/Life	49,180	56280	54839	48587 *	71,650	P	Anticipated rate increase + new employees enrollments
3	Payroll Taxes	27,445	30827	30872	33412 *	41,180	P	8.5% of Salaries (line 1)
4	Worker's Comp	3,050	2956	3711	3392 *	3,500	P	Year end projection
5	Misc. Expense/Travel	1,392	1325	1734	1747 *	1,800	P	Year end projection
6	<u>PENSION EXPENSE</u>							
7	Contribution-Sep IRA	31,572	36468	38206	40486 *	50,870	P	10.50% of Salaries (line 1)
8								
9	<u>MONTHLY RECURRING</u>							
10	Rent	83,944	91621	95182	97031 *	100,709	P	Based on lease schedule & 2017 estimated building operating expenses
11	Alarm System	540	540	546	376 *	550	P	Used 2015 actual expense
12	Electricity	(included above)	(included above)	(included above)	(included above) *	(included above)		Included in rent
13	Janitorial Service	(included above)	(included above)	(included above)	(included above) *	(included above)		Included in rent
14	Telephone/Internet	5,344	6140	6879	7095 *	7,320	P	Price Increased \$610/mo
15	WebEx	828	828	828	849 *	1,080	P	\$90/month
16	Postage & Shipping	1,615	1697	1589	1948 *	2,000	P	Year end projection (more JPAs to mail)
17	Business Insurance	2,252	2480	2635	1939 *	2,000	P	Anticipated 3% increase
18	Committee Meetings	4,194	3425	3620	4664 *	4,800	P	Year end projection (more members attending meetings)
19	<u>EQUIP & FURN MAIN.</u>							
20	Copy Machine (repair, maintenance, supplies)	2,408	2016	1723	2060 *	2,100	P	Year end projection
21								
22	<u>NETWORK SYSTEM</u>							
23	Computer-LAN Maintenance	10,800	10800	10800	10800 *	13,000	P	Current contract 900/mo & anticipated billable LAN maintenance
24	FRIEND Support/contract	4,800	4800	4800	4800 *	4,800	P	Current contract 400/mo
25	Hosting Total:	8,437	9751	9470	11045	12,500	P	
26	Website	(included above)	(included above)	(included above)	(included above) *	12000 (included abv)	P	\$600/mo + \$400/mo for JPA PDF host
27	Sharefile/Domain/Email	(included above)	(included above)	(included above)	(included above) *	465 (included abv)	P	\$32.95 / mo + \$70 Email host yearly
28								
29	Computer (repair, maintenance, supplies)	1,991	4616	1068	906 *	1,500	P	Year end supplies projection & anticipated billable computer maintenance
30	OffSite Back-up (CalNet)	3,757	4946	5216	3588 *	5,000	P	monthly maintenance & billable hours
31								
32	<u>PRINTING & SUPPLY</u>							
33	Office Printing	1,300	1540	1605	1733 *	1,800	P	Year end projection
34	Office Supplies	2,053	1903	2276	1863 *	2,000	P	Year end projection
35								
36	<u>CONTRACT SERVICES</u>							
37	Auditor	6,005	6743	6735	6753	6,956	P	2016 fee + 3% inc allowance
38	Attorney**	2,697	6598	0	1391	6,500	E	equal assessments**
39								
40	<u>GENERAL EXPENSE</u>							
41	Moving Expenses	-	-	-	-	-		
42	Surepayroll Fees	1,455	1688	1738	1641 *	1,700	P	Year end projection
43	Bank Fees/Checks	45	155	146	159 *	200	P	Year end projection

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
2017 PROPOSED OPERATING BUDGET - Draft 2**

Line		2013	2014	2015	2016*	2017	Member Assessment:		
	EMPLOYEE EXPENSE	ACTUAL	ACTUAL	ACTUAL	(based on Sept YTD exp)	PROPOSED	Proportional / Equal		
44	Publications/Subscriptions/Refrence	312	344	332	147 *	200	P	Year end projection	
45	Seminars & Tuition	1,220	190	823	1305 *	1,500	P	Sending staff to seminars	
46	Members Retirement & Celebrations	-	442	197	1467 *	1,500	P	Year end projection	
47									
48	COMPUTER SYSTEM								
49									
50	Software Purchase	2,820	0	5000	9871 *	10,000	P	Future Website modifications	
51	NJUNS Fee				16500	10,500	E	Annual Fee equal assessments**	
52	New** FRIEND 2016				33750	33,750	E	equal assessments**	
53									
54	EQUIPMENT & FURNITURE PURCHASES								
55	Purchases and leases	6,540	4107	4261	4290 *	4,300	P	Year end projection	
58	Hardware Purchase	6,402	118	549	15617 *	3,600	P	Added new computer/monitor for new staff	
59									
60	TOTAL BUDGET	638,277	673,017	688531	800,919	895,336			
61		28.95%	0.12%	2.95%	0.18%	11.99%			
62		Lower than approved budget	Higher than approved budget	Lower than approved budget	Higher than approved budget	Higher than 2016 approved budget			
63	Approved budget	898,293	672,186	709,449	799,507				
64		2013	2014	2015	2016*	2017			
65					NJUNS fee was not included in 2016 approved budget				
66									
67	* based on monthly average - per September YTD								
68	**Items in red will not be assessed proportionately among members, but equally among members.								

10/19/2016