

Southern California Joint Pole Committee

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

January 18, 2017

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
Ms. Megan Stewart	Frontier Communication
Ms. Lynn Prescott	Verizon Wireless
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Mr. Daniel Lippert	City of Burbank
Mr. Ayman Arraj	City of Burbank
Mr. Dave Campos	City of Lompoc
Mr. Adam Wood	Mobilitie, LLC
Ms. Maria Ortiz	XO Communications
Mr. Joe Armstrong	City of Pasadena
Ms. Samatha Carrillo	Time-Warner
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Shawn Henderson	T-Mobile USA
Mr. Peter Castaneda	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, 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:

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

Ms. Maryam Farajzadeh	City of Vernon
Ms. Alyssa Hernandez	City of Colton
Ms. Catherine Babakhanlou	City of Glendale
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robinson	City of Banning
Ms. Mary Li	City of Anaheim
Ms. Kay Black	AT&T California
Mr. Alan Nagel	MCI Telecommunications/MCI Metro ATS

CALL TO ORDER:

President, Mr. Jeff Williams called the meeting to order at 9:05 am. Mr. Williams then proceeded with roll call. When roll call was complete, those members not in attendance are Extenet Systems (EXT), Golden State Water (SCW), AT&T Mobility (LAC), and ATC Outdoor DAS (AMT).

HOUSEKEEPING:

Mr. Williams 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. Williams inquired whether the members had reviewed the minutes of the November 16, 2016 Board meeting, and if there were any comments, additions, deletions, or revisions. Ms. Ortiz requested a revision of Mr. Ortiz or Ms. Ortiz under committee reports. The revision was noted. Mr. Williams then solicited a motion to accept the minutes as revised. Mr. Kearns motioned to accept the November 16, 2016 minutes as revised and Ms. Hernandez seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

In that traditionally the Board does not meet in December, Ms. Pranata reported that the November 2016 operating expenses were \$58,984.01 and the members were assessed this amount. The December operating expenses were \$57,832.84 and the members were assessed the amount. The prior months expenses are reflective of average monthly expenditures.

COMMUNICATIONS:

Ms. Pranata reported that Edison will be facilitating a presentation on steel stubbing at the February 2017 Board meeting. She concluded by stating that members interested in this presentation to plan on attending next month's Board meeting.

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 January 17, 2017. She reported that all 2017 pole prices and authorized costs must be submitted by no later than February 10, 2017. If a member's prices are not received by the deadline, their costs will revert to the prior year's costs. For further details such as discussion on helicopter and crane costs Ms. DeBarge referred the members to the minutes of the meeting.

Routine Revision ad hoc Committee

Mr. Ortiz reported that this ad hoc met January 17, 2017. There are items on the Discussion Calendar that were agreed at the meeting and are ready for Board discussion. The members reviewed a new example created for Section 5.2. The members discussed the timeline changes for the Form 48. Some members have suggested that the antenna owner should purchase the required 2-feet safety antenna clearance. Ms. Ortiz closed by directing the members to the minutes of the meeting for further details.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met January 17, 2017. She stated that some members are successfully utilizing the Share file to obtain pole loading information. Those members interested in accessing the Share file may contact Ms. Ortiz or Mr. Carrion for help. She added that Edison will begin submitting finals electronically which should expedite the JPA process. She concluded by directing the members to the minutes.

Compliance ad hoc Committee

Mr. Carrion reported that this ad hoc met on January 17, 2017. The committee discussed the challenges they are facing regarding members who utilize contractors. They would like to remind those members utilizing contractors that it is their responsibility to ensure that the contractors are properly trained in their work. Also discussed was the City of Riverside and their joint pole application policy. He then referred the members to the minutes of the meeting.

Operating Committee

Ms. Kearns reported that the Operating Committee met on November 16, 2016. The committee discussed new member applications and their CPCN whether it is limited or restricted. He concluded by referring the members to the minutes.

NJUNS (ad hoc)

Please refer to the minutes for details.

CONSENT CALENDAR:

Nominated 2017 SCJPC Officers.

<i>President</i>	<i>City of Los Angeles</i>
<i>Vice President</i>	<i>Frontier Communications</i>
<i>Authorized Costs Chair</i>	<i>Teleport Communications America</i>
<i>Routine Revisions Chair</i>	<i>XO Communications</i>
<i>Computer Communications Chair</i>	<i>So California Edison</i>
<i>Compliance Chair</i>	<i>Crown Castle NG West Inc./NewPath/CA-CLEC</i>
<i>Operating Chair</i>	<i>Frontier Communications</i>
<i>NJUNS Chair</i>	<i>So California Edison</i>
<i>Single Trip to Pole Chair</i>	<i>So California Edison- As needed</i>
<i>Basic JPA Training Chair</i>	<i>AT&T Mobility - As needed</i>

Mr. Williams read the roster of nominated officers and committee chairs. He then solicited a motion to approve the nominations. Ms. Prescott motioned to accept the nominated officers and chairs, Mr. Armstrong seconded the motion which after the vote tally was completed, passed unanimously.

DISCUSSION CALENDAR:

Revised Example 28 (Section 18) of Routine Handbook.

Ms. Ortiz opened discussion by stating that the highlights on the displayed example are the revisions agreed upon by the Routine ad hoc committee (see example in your packet). In that there were no questions this revised example will be on the February Consent Calendar for Board approval.

Revised Example 8 (Section 18) of Routine Handbook.

Ms. Ortiz stated that in correction of record instances where there are multiple poles and multiple members on a JPA, however, the correction only impacts some of the members the members questioned the need of the corrections to be sent to all members. It was agreed to add the following verbiage, “for members affected by the correction”. Ms. Ortiz questioned if the information in parenthesis on the example is of value to members (see example in your packet). If not, it is proposed to omit it with the approved and accounting parenthesis info remaining. It was questioned if the accounting information was omitted on a JPA would the JPC staff reject the form. The response is that if accounting information is missing on a JPA, the committee staff will not reject it. This example will be on the Consent Calendar of the next Board meeting.

Revised Section 7.14 of Routine Handbook-added (f).

Ms. Ortiz opened by stating that previously (f) was added to Section 7.11, and should have also been added to 7.14 (see verbiage addition in your packet). This revision will be on the Consent Calendar of the February 2017 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 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 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 REVIS (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 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
- Item 1627: Wireless 2' SCZ Antenna Elimination - ROUTINE REVISION (01/17/2017)

Item1628: Unauthorized Penalty (current yr) Billing – ROUTINE (01/17/2017)

In regards to *Item 1623: 18.1D Arbitration* Mr. LaBarge reviewed the discussion at the prior Routine ad hoc meeting. He stated that in reviewing historical documents on arbitration it was discovered that arbitration is not a binding contract for any member to be bound to any arbitration decision. He added to make arbitration binding it would require writing the process into the current 1998 signed SCJPC Agreement. This would require a long legal process and require the signatures of all members thus leading to legal review by all member organizations for guidance and direction. The consensus is that this would be costly and lengthy. It was agreed that those members in dispute will be required to resolve their issues between themselves. This item will remain open at this time until the next ad hoc meeting.

Item's 1604, 1617 and 1622 are now closed, all other items remain open. *Item 1627: Wireless 2' SCZ antenna elimination* has been renamed to *Antenna Owner Purchasing 2' Antenna Clearance*.

Item 1605: 2016 Environmental Issues

Item 1605 has been reassigned a new number. *Item 1629: 2017 Environmental Issues* has been added to the unfinished items roster.

New Business

Known Items:

Extending Form 48 Timeline.

Ms. Ortiz stated that she would like to inquire if other members are of the opinion that there is a need to extend the current Form 48 Timeline. The Routine ad hoc is proposing a 180 day timeline.

Mr. Mathisen stated that several utilities have been approached by the Safety Enforcement Division to discuss the time-lines in the Routine Handbook and how they do not reflect what is happening in the field. The current 60 day time-line is not feasible to what is required in the field today. Extending the timeline to 180 days may make the requirements in the field more realistic to today's environment. It was noted that extending the time line may not solve the problem. Obtaining permits today is a problem for many members.

Ms. Hernandez added that the extension may not solve the problem, however 180 days is greater realistically than a 60 day timeline.

Mr. Parra stated that with the timeline extension there will continue to be members who exceed the timeline, therefore, he suggested a penalty. Ms. Carmichael

added that unless forms are processed electronically how can you ensure that the form was received in the required time to start construction, and how would one enforce the penalty. Mr. Parra added that he has sent forms electronically and still there is no response. Mr. Brown added that he is in agreement with Mr. Parra that perhaps a penalty should be created. Mr. Kearns added that time-lines in the Routine were agreed upon at a time when restriction and requirements were limited. However, today it could take a year or greater to obtain all that is required for field work. The environment has changed drastically and the SCJPC must change to meet that environment. Mr. Mathisen added that the volume of work has also increased drastically therefore the current timeline is unrealistic.

Ms. Ortiz suggested that members return to their respective organizations and discuss the timeline extensions.

Mr. Brown stated that in regards to penalties the LA County has stated that they may begin imposing penalties to utilities every sixty days that they must return to inspect a buddy pole and it has not been removed. He added that this penalty would be forwarded to joint members in that the county penalizes the permit holding entity which is normally Edison. He further added that he has shared this information with the committee members in the past.

Ms. Carmichael stated that the timeline the county is acting on is taken from the SCJPC routine, and if the timeline was changed to 180 days than the county would accept the timeline. Mr. Brown responded that he agrees the county would accept the new timeline if the members would abide by the timeline.

It was noted that NJUNS would be a good tool to ensure the sending and receiving of forms electronically. Mr. Brown added that he is of the opinion that greater member participation in NJUNS could aide this issue.

Ms. DeBarge suggested member inboxes as a way of transmitting forms.

Unknown Items:

City of Riverside-Pole Policy.

Mr. Carrion stated that at the previous Compliance ad hoc committee meeting there was discussion on confusion of joint pole application and joint pole ownership especially in regards to the City of Riverside. He added that he had a conversation with Mr. Parra and the result of that conversation is that Riverside does not allow joint ownership on any of their poles. Mr. Parra reiterated what Mr. Carrion stated and that is that Riverside has a policy and that is they do not sell space on their poles. However, he added that one is allowed to attach to Riverside poles, but not as an owner but as a tenant. He added that if it is discovered that an entity is attached to a pole but there is no record, Riverside will not sell the space. He further added that Riverside needs the pole space.

It was noted that nowhere in the Routine Handbook does it state that a member is obligated to sell space to another member.

The members discussed and shared scenarios for the benefit of Mr. Parra and answered all of his inquiries.

Mr. Mathisen requested Mr. Parra to provide the committee with a copy of their

policy in regards to attaching to Riverside poles. He responded that he would provide the policy to the committee.

SCE – windloading calcs

Mr. Brown stated that there are 160 poles in Pasadena, Los Angeles, Anaheim and Colton that have failed the SCE program where SCE is not the base owner or the highest attachment. He then inquired the process when poles fail SCE programs and require replacement. Mr. Williams responded that if the pole passes DWP's program then the replacement responsibility is on SCE, since SCE is not accepting the guidelines of the base owner. Mr. Brown inquired if SCE would be allowed to replace the pole at their expense. Mr. Steve responded that it would be allowed, however the pole must remain an M pole with no change to the base owner.

It was noted that there is a pole inspection/replacement resource available on the SCJPC web site.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	02/14/17	9:00 am.	Committee Office
Authorized Costs	02/14/17	Following	Routine Revision
Computer Committee	02/14/17	Following	Authorized Costs
Compliance Committee	02/14/17	Following	Computer Committee
Administrative Board	02/15/17	9:00 am.	Committee Office
Operating Committee	02/18/17	Following	Administrative Board
NJUNS	02/18/17	Following	Operating Committee

ADJOURNMENT:

Mr. Williams adjourned the meeting at 10:48 am., until February 15, 2017.

Mr. Jeff Williams, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

Southern California Joint Pole Committee

279 E. Arrow Hwy. Suite 104
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The Nominating Committee agreed to nominate the following officers for 2017:

PRESIDENT

City of Los Angeles (M) – Mr. Jeff Williams OR Chris Cravens

VICE PRESIDENT/OPERATING COMMITTEE CHAIR

Frontier California Inc (FTR) – Mr. William Kearns

OPERATING COMMITTEE MEMBERS

Frontier California Inc (FTR) – Mr. William Kearns – Chair

Southern California Edison (E)

AT & T California (H/T)

City of Los Angeles (M)

Crown Castle NG West, Inc. (NG)

Verizon Wireless (ATC)

Teleport Communications America, LLC (TCA)

AT&T Mobility (LAC)

XO Communications (NXT)

Sprint (SPR)

Sprint Communications (FON)

ad hoc Routine Revision Committee

XO Communications (NXT) – Ms. Maria Ortiz – Chair

ad hoc Committee on Authorized Cost Elements

Teleport Communications (TCA) – Lupe Hernandez Chair

ad hoc Committee on Computer Communications

Southern California Edison (E) – Ms. Jessica Pearson – Chair

ad hoc Committee on Compliance

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

ad hoc Committee on Basic JPA Training

AT&T Mobility (LAC) – Ms. Yvonne Johnson – Chair

NJUNS

SCE (E) – Wayne Brown

ad hoc Committee on Pole Loading

As needed

Single Trip to Pole

As needed

ad hoc Committee on Reorganization

As needed

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

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	Pole Trt	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	
			Class Anchor Direct.	L U1	U2	U3		L U1	U2	U3				
													U1 TO REPLACE POLE SECTION 7.15, 7.4, 7.XX	2
						ANT								1
3053-U1	45	72	FT	39-3	23-1	30-7		C10 PB		LTD			PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	3
				22-4				1				19A	SET SAME HOLE FOR U3 BENEFIT	4
								1/3(1)				5C		5
										ANT				6
30568-U1	45		FT 2					39-3	23-1	30-5			PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	7
								22-4					SCZ = 25-2	8
								1				83	U1 TO TRANSFER U2	9
														10
														11
														12
														13

POLE LEGEND: L = LOWER TOP (Item 5E)
P = PULL (Item 5A) C(XX) = FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT (Item 5B)
S = SALVAGE
D = DISPOSE (Item 5D)
TN = TENANT

ANCHOR/ARM LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

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

GEOGRAPHICAL LOCATION

San Pedro
COMMUNITY

VP/J.P.-03

Rev. Jul 2013

(1) Date Prepared, Date Sent, and original JPA Date Sent in parentheses. (2) All header information is identical to the original final bill in parentheses <u>for members affected by the correction</u>. New information listed above. (3) JPA number must begin with the correcting member's code and end with "COR" indicator. Use	Section 13.1 and/or 13.2; show original JPA number & Bill of Sale date of JPA to be corrected. Notate the corrections or errors. (4) Show information as shown on original final bill. (5) Show information as it should be billed.
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(Revised xxxxxxxx)

AUTHORIZATION FOR JOINT POLE TRANSACTION

PAGE NO. 1 OF This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified heron.

Date Prepared (9/1995)
4/1/16

Date Sent (9/1995)
4/1/16

In Field ☐ By Telephone ☐

Confirming Agreement _____

Est.Const. Start _____ No. of Pages 1 J.P. Auth.No. E60XX-XXXXXXXXXCOR

UTILITY		REPRESENTATIVE		DISTRICT-DIVISION-EXCHANGE								APPROVED		TAXING INSTRUCTIONS						ACCOUNTING DATA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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ANCHOR LEGEND:
AR = ANCHOR REMOVED
AT = ANCHOR TRANSFERRED

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

↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑

GEOGRAPHICAL LOCATION
KERNVILLE
COMMUNITY

FORM 48 _____

7.14 Replacement of Wood Pole with Other than Wood Pole.

Member replacing wood pole with other than wood pole for mutual benefit, shall sell interest in new pole to other Members concerned. Each member shall transfer at own expense, receive salvage, 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. (Revised April 2015)
- (c) Pole requiring relocation for the benefit of all Members concerned
- (d) Pole identified in 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 (????? for discussion tomorrow Admin Board Jan 18, 2017)

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.

Section 1.2 required for Engineered Steel Poles.

Note: The setting member will PTD other than wood poles.

(Revised January 2011).

Southern California Joint Pole Committee

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February 15, 2017

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Mr. Jeff Williams	City of Los Angeles
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Ms. Sherri DuChateau	Golden State Water
Ms. Alyssa Hernandez	City of Colton
Ms. Catherine Babakhanlou	City of Glendale
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robinson	City of Banning
Ms. Mary Li	City of Anaheim
Ms. Manijeh Carmichael	AT&T California
Ms. Kay Black	AT&T California
Mr. Daniel Lippert	City of Burbank

Guests:	Ms. Kelli Mannion	So. California Edison
	Mr. Gary Samuelson	So. California Edison

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 MCI Telecommunications (MCI), MCI Metro (ATS), (Extenet Systems (EXT), 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 January 18, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the January 18, 2017 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 January 2017 operating expenses were \$61,676.20. However, the member assessment total was \$62,176.20 due to a member falling below the 50% attendance requirement. The attendance penalty fee is \$500.00.

COMMUNICATIONS:

Ms. Pranata reported that she has added to the member packet the CPUC data request document. She added that this issue is on the Discussion Calendar of the current agenda for any questions or concerns.

SPECIAL REPORTS

SCE Presentation on Steel Stubbing / C-Trussing

Ms. Mannion opened the presentation by stating that she would be speaking of the SCE steel stub program implementation project. She added that she would like the SCJPC members to be aware of this project and its' impact.

Mr. Samuelson reported that steel stub candidates will be identified by intrusive inspections. Steel stubs will not be installed by SCE crews, but by contracted vendors. He added that based on bench-marking within the industry it was determined by SCE to repair instead of replace poles for the sake of cost efficiency to SCE and the joint members. Those poles with a modular strength of 67 to 94 % will be candidates for steel stub restoration barring there are no other visible defects on the pole.

He further reported that of the poles that are candidates for steel stub restoration, 60% are jointly owned with the remaining 40% SCE solely owned. The projected volume per year is approximately 1200 to 1500 poles per year. This project will commence this incoming April.

In regards to billing Ms. Mannion stated that the standard SCJPC authorized costs will be utilized. In that this is capital, the invoicing will be the standard current monthly method shared among the members.

The members reviewed the current Pole stubbing authorized costs available in the Routine handbook. They discussed the costs and Mr. Samuelson answered the concerns of the members in regards to billing.

Ms. Mannion concluded by stating the Mr. Gary Samuelson is the point of contact for this project. Mr. LaBarge added that members notify him as well, therefore making his department aware as well.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc Committee met on February 14, 2017. She reported the members continue to discuss the proposed authorized costs. The members are considering proposing individual members authorized costs moving forward. The proposing members submit their respective authorized costs and have the ad hoc committee review and determine if is beneficial to all members if individual authorized costs are to be utilized.

Mr. Brown added that the ad hoc is seriously considering this method, however, there is the impact on the JPC staff to be considered if this method is implemented. Members are urged to submit their individual costs to the Authorized Costs ad hoc committee. This issue will be discussed further at the next meeting.

The members discussed traffic control. Ms. Hernandez added that traffic control costs should be included in the submitted pole prices. She added that members should review their costs to ensure that traffic control costs are included. The ad hoc will review the pole price matrix at the next ad hoc meeting.

For further details Ms. Hernandez referred the members to the minutes of the meeting.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc met February 14, 2017. There is an item on the Discussion Calendar that was agreed upon at the meeting. The members agreed on the revisions for examples 29 and 30 currently on the Consent Calendar. A revision has been made to Section 4.1B. The members also discussed the requirement of wireless members purchasing the safety clearance zone which will continue to be discussed within the ad hoc committee. Members interested in this issue should plan on attending the next ad hoc meeting. There are revisions to Section 7.10 with plans on further discussing this section.

Ms. Ortiz closed by directing the members to the minutes of the meeting for further details.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met February 14, 2017. She stated that Share File is up and available for use by members for pole loading information. The pole record update discussion continues as well as the availability of final JPAs on the SCJPC website.

She concluded by directly the members to the minutes.

Compliance ad hoc Committee

Mr. Serrato reported that this ad hoc met on February 14, 2017. They were unable to discuss the City of Riverside pole attachment process since there was no attendance by Riverside. An item number has been assigned to CPUC data request updates for discussion within this committee. He concluded by referring the members to the minutes of the meeting.

Operating Committee

Ms. Kearns reported that the Operating Committee met on January 18, 2017. The committee discussed the month's expenditures. The year end budget was exceeded by 2% due to the initiation and 2017 annual fee for NJUNS. This expenditure was unforeseen. The members discussed erroneous JPA's submitted to the JPC office resulting in additional billing time for the staff. He concluded by referring the members to the minutes for further details.

NJUNS (ad hoc)

Mr. Wayne Brown reported that NJUNS met January 18, 2017. The members discussed the NJUNS member code to access the program. All members should obtain their respective access code to participate in the buddy pole pilot program. Mr. Wayne added that there are a few members who have their access code. He closed by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

Revised Example 28 (Section 18) of Routine Handbook

Revised Example 8 (Section 18) of Routine Handbook

Revised Section 7.14 of Routine Handbook – added (f)

Ms. Ortiz briefed the members on the revisions to the above referenced sections, then motioned to accept all the revisions on the Consent Calendar. Ms. Hernandez seconded the motion, which after the vote tally was completed, passed unanimously.

DISCUSSION CALENDAR:

CPUC Data Request

Mr. Steve Brown opened discussion by stating that all members should now be aware of the CPUC data request/demand. He stated that the committee has responded to this request. Mr. Brown then inquired of Ms. Pranata if she has received an answer to their response. Ms. Pranata responded in the negative. Mr. Brown added that his organization has received a separate request and he is of the opinion that the two are related. He inquired if any other members who are not on the list submitted by the CPUC have received a separate request. He added that the Department is scheduled for an audit in April and will provide only what is requested in raw format. This item will remain open for further discussion. It has been assigned to the Compliance Ad Hoc Committee.

Extending Form 48 timeline to 180 days

Mr. Brown inquired if all members are aware that there is discussion within the ad hoc committee to extend the Form 48 Timeline. Mr. Wayne Brown reiterated that SCE would agree to this revision provided that there is a penalty imposed to those in violation who exceed the 180 days. Mr. Steve Brown stated that previously in discussion on arbitration it is difficult to enforce a decision. Mr. Steve Brown stated that this revision would be on the Consent Calendar of the next Board meeting.

Mr. Lippert inquired as to what exactly would be on Consent; the extension to 180 days only and/or extension with the penalty.

Ms. Hernandez stated that the extension would align with *Item 1620: Failure to Complete Pole Removal*. The ad hoc will arrive at a process and a section to address the lack of pole removal in the allotted timeline. After brief discussion the consensus that the extended timeline will not be on the Consent calendar until the Routine Revision ad hoc committee has created the process, section and verbiage to address the outcome should a member not complete the pole removal in the allowed 180 days. Until that time the extension proposal shall remain at the ad hoc level.

Section 5.2 – Example 29

Ms. Ortiz stated this pertains to topping and retaining interest in a pole example. She then shared the seven steps and verbiage associated with this example. Ms. Ortiz mentioned that the company code will be corrected to show “U1”, “U2, and “U3”. This example will be on the March 2017 Consent Calendar for Board approval.

Correction of Records-Original JPA unavailable – Example 30

The members briefly discussed the nine steps and verbiage created for this section. After brief discussion the consensus was that the example will need further discussions at the ad hoc level and will not be on the Consent calendar.

Section 4.1B Unauthorized Attachment

The verbiage is changed from penalty based on “current year” to the “date sent of the JPA”. Ms. Ortiz stated that this revision is for the sake of equity. This revision will be on the March 2017 Consent Calendar for Board approval.

Form 2 Revision – Email Check Box Addition

The members briefly discussed the new check box for “Email” on the Form 2. The members also agreed to change the label of the boxes to “In Field”, “Phone” and “Email”. This revision will be uploaded on the SCJPC website.

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 – REVISION (05/19/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (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 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1627: Wireless 2' SCZ Antenna Elimination - ROUTINE REVISION (01/17/2017)
Item 1628: Unauthorized Penalty (current yr) Billing – ROUTINE (01/17/2017)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1631: Customer Billing – Sec 7.10,5.10 & X.10 – ROUTINE (2/14/2017)

In regards to *Item 1623: 18.1D Arbitration* it was agreed to close this item. If any conflict cannot be resolved among members the conflict may be brought to the Board for discussion only.

Item 1625: Addressing Final Returns/Errors will be closed. Ms. Pranata stated that if there is a member submitting erroneous JPAs repeatedly she contacts the representative directly.

Item 1551: Sharefile Details is now closed, all other items remain open.

Item 1629: 2017 Environmental Issues

There was no discussion on this item.

New Business

Known Items:

New Representatives – SCE

Mr. LaBarge announced that the new SCE representative would be Mr. Wayne Brown, and the alternate representative would be Ms. Jessica Pearson effective immediately.

Intrusive Pole Inspections– SCE

Mr. Brown reported that SCE when performing intrusive pole inspections would cease inspecting other base owner member's poles. He then inquired if any members would be interested in the results of these intrusive inspections to contact him. Ms.

Carmichael stated that Mr. Mathisen should be the person to answer this question for AT&T California.

Ms. Hernandez inquired if the chart created by SCE in regards to pole replacement was in relation to this issue? Mr. Brown responded that on the SCJPC web site under technical resources in the Pole Replacement Guide is in relation to this topic. The members viewed the Pole Replacement Guide resource available and discussed several scenarios.

Base owner identification– SCE

Mr. Brown inquired if other members specify the pole base owner by 1) the setting member, or 2) the member with the highest grade? Mr. Steve Brown responded that generally the setting member is identified as the base owner. However, he added that if SCE sets a pole for their purpose in DWP territory, than he is of the opinion that the base owner should be identified as DWP. The consensus is that the setting member should be identified as the base owner in most instances.

PG&E Billing- SCE

Mr. Brown reported that SCE would like to engage the JPC staff in billing several PG&E JPA's for their benefit. He added that SCE would pay the total cost of the resources required for this task. He further added that his concern is if the JPC office would have the time in their schedule for this request. It was agreed that this is an Operating Committee issue and will be discussed at that meeting later in the day.

Section 7.13 denied- SCE

Mr. Brown stated that he would like clarification on Section 7.11 versus 7. 3 in regards to SCE JPA's being denied. Members are denying Section 7.11 and replacing it with Section 7.3. He added that SCE is replacing poles due to failing their pole loading program even if some poles are only five to ten years old, but they are failing and require replacement. Members are denying stating that the pole does not fail their program.

Ms. Hernandez stated that if the newer pole is replaced the Form 2 should state the reason for replacement. Mr. Brown responded that it is noted on the Form with the calcs included.

The consensus is that this topic will be further discussed in the Compliance ad hoc committee with the review of General Order 165.

Unknown Items:

There are no unknown items.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	03/14/17	9:00 am.	Committee Office
Authorized Costs	03/14/17	Following	Routine Revision
Computer Committee	03/14/17	Following	Authorized Costs
Compliance Committee	03/14/17	Following	Computer Committee
Administrative Board	03/15/17	9:00 am.	Committee Office
Operating Committee	03/15/17	Following	Administrative Board
NJUNS	03/15/17	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 10:50 am., until March 15, 2017.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

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	Pole Trt	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	
			Class Anchor Direct.	L U1	U2	U3		L U1	U2	U3				
													U1 TO REPLACE POLE SECTION 7.15, 7.4, 7.XX	2
						ANT								1
3053-U1	45	72	FT	39-3	23-1	30-7		C10 PB		LTD			PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	3
				22-4				1				19A	SET SAME HOLE FOR U3 BENEFIT	4
								1/3(1)				5C		5
										ANT				6
30568-U1	45		FT 2					39-3	23-1	30-5			PASEO DEL MAR RD 49' E/O WEYMOUTH AVE	7
								22-4					SCZ = 25-2	8
								1				83	U1 TO TRANSFER U2	9
														10
														11
														12
														13

POLE LEGEND: L = LOWER TOP (Item 5E)
P = PULL (Item 5A) C(XX) = FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT (Item 5B)
S = SALVAGE
D = DISPOSE (Item 5D)
TN = TENANT

ANCHOR/ARM LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

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

GEOGRAPHICAL LOCATION

San Pedro
COMMUNITY

VP/J.P.-03

Rev. Jul 2013

- (1) ~~Date Prepared, Date Sent, and original JPA Date Sent in parentheses.~~
- (2) ~~All header information is~~ Approved and account data should be identical to the original final bill in parentheses for members affected by the correction. New information listed above.
- (3) JPA number must begin with the correcting member's code and end with "COR" indicator. Use Section 13.1 and/or 13.2; show original JPA number & Bill of Sale date of JPA to be corrected. Notate the corrections or errors.
- (4) Show information as shown on original final bill.
- (5) Show information as it should be billed.

(Revised xxxxxxxx)

7.14 Replacement of Wood Pole with Other than Wood Pole.

Member replacing wood pole with other than wood pole for mutual benefit, shall sell interest in new pole to other Members concerned. Each member shall transfer at own expense, receive salvage, 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. (Revised April 2015)
- (c) Pole requiring relocation for the benefit of all Members concerned
- (d) Pole identified in 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 (????? for discussion tomorrow Admin Board Jan 18, 2017)

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.

Section 1.2 required for Engineered Steel Poles.

Note: The setting member will PTD other than wood poles.

(Revised January 2011).

Angela Pranata

From: Mangundayao, Violeta <Violeta.Mangundayao@cpuc.ca.gov>
Sent: Friday, January 27, 2017 4:24 PM
To: 'Cindy.Jacobs@sce.com'; 'Christine.Fanous@sce.com'; 'nguyen.quan@gswater.com'; 'CJW5@pge.com'; 'mdp5@pge.com'; 'Cathie.Allen@pacificorp.com'; 'CManzuk@SempraUtilities.com'; 'Alain.Blunier@libertyutilities.com'; 'VidhyaPrabhakaran@dwt.com'; 'dm9282@att.com'; 'rudy.reyes@verizon.com'; 'jesus.g.roman@verizon.com'; 'suzannetoller@dwt.com'; 'John_Gutierrez@cable.comcast.com'; 'Charlie.Born@FTR.com'; 'marg@tobiaslo.com'; 'esther.northrup@cox.com'; 'JMctarnaghan@perkinscoie.com'; 'ABeaumont@perkinscoie.com'; 'AAyres@semprautilities.com'; 'Erika@ncjpa.com'; Walker, Cynthia; 'angela@scjpc.net'; Lee, David K.; Semow, Glenn R.; Daye, Fadi; Palmer, Leslie L.; Ralph, James; TerKeurst, Charlotte; Mulqueen, April; Podolinsky, Elizabeth; Witteman, Chris
Subject: RE: Data Request Pole Census Letter on IOUs and CIPs - with corrected COS
Attachments: Data Request Pole Census Letter on IOUs and CIPs_cor.pdf; Data Request Pole Census Letter on IOUs and CIPs_cor.docx

Resending with corrected certificate of service.

Violeta R. Mangundayao
Legal Secretary
California Public Utilities Commission
Legal Division, Room 5120
Tel. No. : (415) 703 – 1485
Vm2@cpuc.ca.gov

From: legal_support
Sent: Friday, January 27, 2017 4:17 PM
To: 'Cindy.Jacobs@sce.com'; 'Christine.Fanous@sce.com'; 'nguyen.quan@gswater.com'; 'CJW5@pge.com'; 'mdp5@pge.com'; 'Cathie.Allen@pacificorp.com'; 'CManzuk@SempraUtilities.com'; 'Alain.Blunier@libertyutilities.com'; 'VidhyaPrabhakaran@dwt.com'; 'dm9282@att.com'; 'rudy.reyes@verizon.com'; 'jesus.g.roman@verizon.com'; 'suzannetoller@dwt.com'; 'John_Gutierrez@cable.comcast.com'; 'Charlie.Born@FTR.com'; 'marg@tobiaslo.com'; 'esther.northrup@cox.com'; 'JMctarnaghan@perkinscoie.com'; 'ABeaumont@perkinscoie.com'; 'AAyres@semprautilities.com'; 'Erika@ncjpa.com'; Walker, Cynthia; 'angela@scjpc.net'; Lee, David K.; Semow, Glenn R.; Daye, Fadi; Palmer, Leslie L.; Ralph, James; TerKeurst, Charlotte; Mulqueen, April; Podolinsky, Elizabeth
Cc: Witteman, Chris
Subject: Data Request Pole Census Letter on IOUs and CIPs

Dear Counsel and Utility Representatives,

Attached please find the Commission's data request relating to utility pole and pole attachment databases, in both PDF and DOC formats. Please forward this document to the people in your organization who are responsible for such issues. If you have any questions, do not hesitate to contact the staff members identified in the data request.

Electronic Format: PDF and DOC

In case of problems with the e-mail or the attached document, contact the following person:

Name: Violeta Mangundayao

Phone #: (415) 703-1485

Email: legal_support@cpuc.ca.gov

Note: to update your mailing address, or e-mail address, see Rule 1.9(f) of the Commission's Rules of Practice and Procedure.

PUBLIC UTILITIES COMMISSION505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298**DATA REQUEST**

Date: January 27, 2017

To: Southern California Edison (U# 338)
Pacific Gas & Electric Co. (U#39)
San Diego Gas & Electric Co. (U#902)
California Pacific Electric Company
PacifiCorp (U#901)
Liberty Utilities (CalPeco Electric) LLC (U#933)
Pacific Bell, dba AT&T California (U#1001), wireless and other affiliates
Cellco Partnership (U#3001) and wireless affiliates, dba Verizon
MCI Metro Access Transmission Services (U#5378) and wireline affiliates, some or all dba Verizon
Comcast Phone of California, LLC (U#5698)
Frontier California Inc. (U#1002)
Cox California Telecom, LLC (U#5684)
Charter Fiberlink CA-CCO, LLC (U#6878)
Time Warner Cable Information Services (U#6874)
Southern California Gas Co. (U#904)
Northern California Joint Pole Authority (NCJPA)
Southern California Joint Pole Committee (SCJPC)

From: David Lee, P.E.
Utilities Engineer, Energy Division
California Public Utilities Commission
dkl@cpuc.ca.gov

Chris Witteman, Staff Counsel
Legal Division
California Public Utilities Commission
wit@cpuc.ca.gov

Re: Data Request Pole and pole attachment census

The Commission is considering performing a census of utility poles and pole attachments in California, and to that end requests that you provide the information and documents requested below, no later than February 10, 2017. Unless specified otherwise, this data request refers to

and requests information and documents generated or created during the last two years. If you have any questions or concerns, please communicate them as soon as possible to the above identified staff.

DEFINITIONS

As used herein:

“Poles” or **“Utility Poles”** means any wood, steel, concrete or other structure to which overhead electric or communications facilities are attached, including without limitation poles, towers, trees, buildings, and the like, but excluding customer premises that have service drops attached but are not used for further conveyance.

“You” **“your”** and/or **“responding utility”** means or refers to the above utility addressees responding to these requests, and all affiliates, agents, and/or employees of the utility addressee, as well as any entity acting on behalf of the utility addressees, or any of them. For telecommunications carriers, cable franchisees, and/or DIVCA holders, **“all affiliates”** includes both wireless and wireline affiliates.

“Database” means any organized collection or repository of data or information about California utility poles.

“Facilities” means or refers to, without limitation, wires, conductors, antennas, guy wires, cables, and/or any other equipment used to facilitate the transmission of communications or energy.

INSTRUCTIONS

- a. Please provide all information in your possession, custody or control, or in the possession, custody and/or control of your affiliates or agents, that is responsive to these data requests.
- b. Please Bates-stamp all documents produced, identify the Bates-range of documents produced in response to each DR. Responses and documents may be produced and served electronically, but they should be machine-readable and searchable to the fullest extent possible.
- c. If you have any question about the meaning or scope of the data requests herein, please direct that question to identified CPUC staff at your earliest opportunity.
- d. Please identify the personnel (employees, consultants, agents, etc) who provided information for each of the data requests below. As used in this context herein, **“identify”** means to provide the full name, business address, and title of each employee, consultant or agent who provided such information.
- e. If you do not know the exact answer to any of the requests below, please so indicate and provide your best estimate.
- f. Where applicable, please provide data in Microsoft Excel format.

REQUESTS

1. Please state separately the number of utility poles in California which you (a) solely own, either directly or indirectly, (b) jointly own, either directly or indirectly, or (c) lease space on. As used herein, "lease" means any commercial transaction by which you are able to attach facilities to poles that you do not own.
2. To the extent you own utility poles jointly with any other entity, please identify the entities besides you that co-own, in whole or in part, poles to which you attach your overhead facilities, and state the number of poles each such entity co-owns.
3. To the extent that you lease space on other entities' poles, please identify those entities, and state the number of poles on which you lease space.
4. Please identify and describe any database(s) you maintain, control or operate that collect(s) information on the location of utility poles that you own or operate or to which you attach your facilities in California.
5. Please identify and describe any database(s) maintained, controlled and/or operated by parties other than you, which database(s) contain information on the location of utility poles that you own or operate or to which your facilities in California are attached. As used in this request, "identify" means to provide the name of the database, and the name, address, contact person, and telephone number of the entity which maintains such database(s).
6. As to all such databases, for each database:
 - a. please identify and describe the software used by such database;
 - b. please identify all data fields used in such database, including but not limited to all data fields (if any) related to pole ownership, all attachers and pole tenants including third party attachers and/or tenants, facilities attached, and total pole capacity including remaining pole capacity;
 - c. to the extent you know, please identify all persons (or classes of persons) and entities that have access to such database, and state or describe to what extent database management is collaborative;
 - d. please state whether and the extent to which such database utilizes a geographic information system (GIS) to identify locations (longitude and latitude) of each pole;
 - e. please state how often and under what conditions such databases are updated;
 - f. please identify the persons (or entities) that collect and input the data into such database; and

- g. for each such database, please provide sample data for at least 100 typical poles (in the form of an Excel spreadsheet) which illustrates the data fields described above, and shows how they are deployed. If the data cannot be meaningfully expressed in an Excel spreadsheet, please contact the technical staff identified above in order to discuss the best means to provide such a sample.
7. To the extent not described in response to the requests above, please describe the process of gathering and inputting pole-related data into the above databases.
8. Do you keep track of unauthorized attachments to the poles, and if so, how do you do it? What data fields are associated with such tracking? As used herein, “unauthorized attachment” means any attachment prohibited by GO 95, Rule 34 (such as signs, rope, banners, etc...), as well as any third party attachments (communications or otherwise) installed on poles without proper notification to and approval by the pole owner (or co-owners).
9. Do you track poles with no facilities on them? If so, how is that done, and what data fields are associated with such tracking?
10. Are any of the poles you own or operate, or to which your facilities are attached, equipped (to your knowledge) with radio frequency identification (RFID) tags? Are there fields associated with such RFID tags in the databases identified above? Please identify such fields.
11. Specific to Southern California Edison, and to the extent not already provided, please provide all information requested above as it pertains to the “centralized database for pole loading information,” as referenced in your 2015 GRC testimony (SCE-03, Vol. 06, Pt. 2, at 17).
12. Specific to Pacific Gas and Electric, and to the extent not already provided, please provide all information requested above as it pertains to the “joint pole database,” as referenced in your 2017 GRC testimony (Exhibit 4, pp. 8-2 and 8-13).
13. Specific to Pacific Gas and Electric, and to the extent not already provided, please provide all information requested above as it pertains to PG&E’s Primavera database.
14. Other than such database(s) identified in response to the requests above, please identify any other repositories of data you possess or control, or about which you have knowledge, regarding ownership of and/or facilities on California poles to which your electric or communication-related facilities are attached.

CERTIFICATE OF SERVICE

I hereby certify that I have on this date served a copy of **DATA REQUEST** to the following parties, by electronic mail on the attached list.

Executed on January 27, 2017 at San Francisco, California.

/s/ VIOLETA MANGUNDAYAO

VIOLETA MANGUNDAYAO

Southern California Edison (U# 338) Cindy.Jacobs@sce.com Christine.Fanous@sce.com	Bear Valley Electric Service (U #913) Quan, Nguyen Nguyen.Quan@gswater.com
Pacific Gas & Electric Co. (U#39) CJW5@pge.com (Chris Warner) mdp5@pge.com (Mark Patrizio)	PacifiCorp (U#901) Cathie.Allen@pacificorp.com
San Diego Gas & Electric Co. (U#902) PMills@semprautilities.com CManzuk@semprautilities.com	Southern California Gas Co. (U#904) AAyres@semprautilities.com
Liberty Utilities (CalPeco Electric) LLC (U#933) Alain.Blunier@libertyutilities.com VidhyaPrabhakaran@dwt.com	Pacific Bell, dba AT&T California (U#1001), wireless and other affiliates David Miller, dm9282@att.com
Cellco Partnership (U#3001) and wireless affiliates, dba Verizon rudymreyes@verizon.com jesus.g.roman@verizon.com	MCI Metro Access Transmission Services (U#5378) and wireline affiliates, some or all dba Verizon rudymreyes@verizon.com jesus.g.roman@verizon.com
Comcast Phone of California, LLC (U#5698) suzannetoller@dwt.com John_Gutierrez@cable.comcast.com	Frontier California Inc. (U#1002) Charlie.Born@ftr.com
Cox California Telecom, LLC (U#5684) Marg Tobias marg@tobiaslo.com esther.northrup@cox.com	Charter Fiberlink CA-CCO, LLC (U#6878) & Time Warner Cable Information Services (U#6874) JMctarnaghan@perkinscoie.com, ABeaumont@perkinscoie.com,
Southern California Joint Pole Committee (SCJPC) angela@scjpc.net	Northern California Joint Pole Authority (NCJPA) Erika@ncjpa.com
Glenn.Semow@cpuc.ca.gov	Cynthia.walker@cpuc.ca.gov
David.Lee@cpuc.ca.gov	James.Ralph@cpuc.ca.gov
wit@cpuc.ca.gov	Charlotte.Terkeurst@cpuc.ca.gov
Fadi.Daye@cpuc.ca.gov	april.mulqueen@cpuc.ca.gov
Leslie.Palmer@cpuc.ca.gov	Elizabeth.Podolinsky@cpuc.ca.gov

Angela Pranata

From: Witteman, Chris <chris.witteman@cpuc.ca.gov>
Sent: Friday, February 03, 2017 4:01 PM
To: angela@scjpc.net; erica@ncjpa.com
Cc: Lee, David K.; Ralph, James
Subject: Email to NCJPA and SCJPC re response to DRs

Dear Ms. Williams and Ms. Pranata:

Last Friday, January 27, CPUC staff served you with data requests (DRs) relating to utility pole databases which the SCJPC and NCJPA may maintain or support or have knowledge of. It has previously been suggested to us that the joint pole entities might not respond to the Commission data requests unless and until the Commission served them with a subpoena. We hope this is not the case, as we believe that SCJPC and NCJPA act as agents for Commission-certificated utilities, and are thus obligated to respond to Commission DRs.

Because this relates to safety, the Commission considers this matter urgent. We therefore request that, if you are going to demand a subpoena before responding, you promptly let us know. In that case we will provide you with a subpoena. Please also let us know the basis for your position.

Don't hesitate to contact me if you have any questions or concerns about this matter.

Regards,

Chris Witteman

Christopher Witteman
Staff Counsel
Telecommunications & Advisory
California Public Utilities Commission
505 Van Ness Avenue, Rm 5028
San Francisco, California 94102
W: 415.355.5524
C: 415.806.4694

This e-mail, including any attachments, is intended solely for the personal and confidential use of the sender and intended recipient(s), and/or may contain attorney-client or other privileged materials. If you received this message in error, please delete it and notify the sender. Thank you.

Angela Pranata

From: Witteman, Chris <chris.witteman@cpuc.ca.gov>
Sent: Friday, February 03, 2017 4:24 PM
To: 'Cindy.Jacobs@sce.com'; 'Christine.Fanous@sce.com'; 'nguyen.quan@gswater.com'; 'CJW5@pge.com'; 'mdp5@pge.com'; 'Cathie.Allen@pacificorp.com'; 'CManzuk@SempraUtilities.com'; 'Alain.Blunier@libertyutilities.com'; 'VidhyaPrabhakaran@dwt.com'; 'dm9282@att.com'; 'rudy.reyes@verizon.com'; 'jesus.g.roman@verizon.com'; 'suzannetoller@dwt.com'; 'John_Gutierrez@cable.comcast.com'; 'Charlie.Born@FTR.com'; 'marg@tobiaslo.com'; 'esther.northrup@cox.com'; 'JMctarnaghan@perkinscoie.com'; 'ABeaumont@perkinscoie.com'; 'AAyres@semprautilities.com'; 'Erika@ncjpa.com'; Walker, Cynthia; 'angela@scjpc.net'; Lee, David K.; Semow, Glenn R.; Daye, Fadi; Palmer, Leslie L.; Ralph, James; TerKeurst, Charlotte; Mulqueen, April; Podolinsky, Elizabeth
Subject: Data Request Pole Census Letter on IOUs and CIPs - further guidance

Dear Utility Representatives:

Consistent with the directions on the data request served on you last Friday, several respondents have contacted us with questions. This has given us opportunity to provide further guidance to the responding parties.

- As to DR 6(b), one utility asked us if this included data fields that are not specifically about the pole itself, e.g., data fields that might relate to work tracking modules, including what employees are assigned to do follow-up on particular pole problems. We agreed with this utility that if such modules are unrelated to the physical characteristics of the poles, we would be satisfied at this point if the utility identified the non-pole related module generically, while providing detailed data fields that relate to the pole itself.
- Regarding physical pole characteristics, other possible data fields have been suggested that could be added to the “including but not limited to” list: location; height; date pole installed (pole age); pole material; remaining percentage of load capacity in terms of safety factor/strength/height/space availability or otherwise; unit of measurement for pole capacity (vertical feet) and other data fields where applicable; pole numbering schemes; and the like.
- For DR 6(b), where a relational database is used by the utility, it is important is to understand the data fields and tables underlying the relational database.
- As to DR 6(g), we agreed that a sample size of 30 poles (rather than 100) would be adequate for our purposes initially.
- As to DR 6(g), one utility told us they had multiple databases and asked us whether they could submit samples with the pole (pole number) as the organizing factor, rather than the database. In other words, whether they could give us a sample of 30 poles, with all pole-related data fields appended (aggregated from the separate databases), rather than do that for each database. We agreed to this (with the understanding that the responses to 6(b) would still be broken out by database).

Please don't hesitate to email if you have further questions or concerns. As this is related to pole safety, there's some urgency attached to this DR, and we appreciate your willingness to get us the information promptly.

Sincerely,

Chris Witteman

Christopher Witteman

Staff Counsel
Telecommunications & Advisory
California Public Utilities Commission
505 Van Ness Avenue, Rm 5028
San Francisco, California 94102
W: 415.355.5524
C: 415.806.4694

This e-mail, including any attachments, is intended solely for the personal and confidential use of the sender and intended recipient(s), and/or may contain attorney-client or other privileged materials. If you received this message in error, please delete it and notify the sender. Thank you.

From: Mangundayao, Violeta
Sent: Friday, January 27, 2017 4:24 PM
To: 'Cindy.Jacobs@sce.com'; 'Christine.Fanous@sce.com'; 'nguyen.quan@gswater.com'; 'CJW5@pge.com'; 'mdp5@pge.com'; 'Cathie.Allen@pacificorp.com'; 'CManzuk@SemptraUtilities.com'; 'Alain.Blunier@libertyutilities.com'; 'VidhyaPrabhakaran@dwt.com'; 'dm9282@att.com'; 'rudy.reyes@verizon.com'; 'jesus.g.roman@verizon.com'; 'suzannetoller@dwt.com'; 'John_Gutierrez@cable.comcast.com'; 'Charlie.Born@FTR.com'; 'marg@tobiaslo.com'; 'esther.northrup@cox.com'; 'JMctarnaghan@perkinscoie.com'; 'ABeaumont@perkinscoie.com'; 'AAyres@semprautilities.com'; 'Erika@ncjpa.com'; Walker, Cynthia; 'angela@scjpc.net'; Lee, David K.; Semow, Glenn R.; Daye, Fadi; Palmer, Leslie L.; Ralph, James; TerKeurst, Charlotte; Mulqueen, April; Podolinsky, Elizabeth; Witteman, Chris
Subject: RE: Data Request Pole Census Letter on IOUs and CIPs - with corrected COS

Resending with corrected certificate of service.

Violeta R. Mangundayao
Legal Secretary
California Public Utilities Commission
Legal Division, Room 5120
Tel. No.: (415) 703 – 1485
Vm2@cpuc.ca.gov

From: legal_support
Sent: Friday, January 27, 2017 4:17 PM
To: 'Cindy.Jacobs@sce.com'; 'Christine.Fanous@sce.com'; 'nguyen.quan@gswater.com'; 'CJW5@pge.com'; 'mdp5@pge.com'; 'Cathie.Allen@pacificorp.com'; 'CManzuk@SemptraUtilities.com'; 'Alain.Blunier@libertyutilities.com'; 'VidhyaPrabhakaran@dwt.com'; 'dm9282@att.com'; 'rudy.reyes@verizon.com'; 'jesus.g.roman@verizon.com'; 'suzannetoller@dwt.com'; 'John_Gutierrez@cable.comcast.com'; 'Charlie.Born@FTR.com'; 'marg@tobiaslo.com'; 'esther.northrup@cox.com'; 'JMctarnaghan@perkinscoie.com'; 'ABeaumont@perkinscoie.com'; 'AAyres@semprautilities.com'; 'Erika@ncjpa.com'; Walker, Cynthia; 'angela@scjpc.net'; Lee, David K.; Semow, Glenn R.; Daye, Fadi; Palmer, Leslie L.; Ralph, James; TerKeurst, Charlotte; Mulqueen, April; Podolinsky, Elizabeth
Cc: Witteman, Chris
Subject: Data Request Pole Census Letter on IOUs and CIPs

Dear Counsel and Utility Representatives,

Attached please find the Commission's data request relating to utility pole and pole attachment databases, in both PDF and DOC formats. Please forward this document to the people in your organization who are responsible for such issues. If you have any questions, do not hesitate to contact the staff members identified in the data request.

Electronic Format: PDF and DOC

In case of problems with the e-mail or the attached document, contact the following person:

Name: Violeta Mangundayao
Phone #: (415) 703-1485
Email: legal_support@cpuc.ca.gov

Note: to update your mailing address, or e-mail address, see Rule 1.9(f) of the Commission's Rules of Practice and Procedure.

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298**DATA REQUEST**

Date: January 27, 2017

To: Southern California Edison (U# 338)
Pacific Gas & Electric Co. (U#39)
San Diego Gas & Electric Co. (U#902)
Bear Valley Electric Service (U #913)
PacifiCorp (U#901)
Liberty Utilities (CalPeco Electric) LLC (U#933)
Pacific Bell, dba AT&T California (U#1001), wireless and other affiliates
Cellco Partnership (U#3001) and wireless affiliates, dba Verizon
MCI Metro Access Transmission Services (U#5378) and wireline affiliates, some or all dba Verizon
Comcast Phone of California, LLC (U#5698)
Frontier California Inc. (U#1002)
Cox California Telecom, LLC (U#5684)
Charter Fiberlink CA-CCO, LLC (U#6878)
Time Warner Cable Information Services (U#6874)
Southern California Gas Co. (U#904)
Northern California Joint Pole Authority (NCJPA)
Southern California Joint Pole Committee (SCJPC)

From: David Lee, P.E.
Utilities Engineer, Energy Division
California Public Utilities Commission
dkl@cpuc.ca.gov

Chris Witteman, Staff Counsel
Legal Division
California Public Utilities Commission
wit@cpuc.ca.gov

Re: Data Request Pole and pole attachment census

The Commission is considering performing a census of utility poles and pole attachments in California, and to that end requests that you provide the information and documents requested below, no later than February 10, 2017. Unless specified otherwise, this data request refers to

PRELIMINARY JOINT POLE AUTHORIZATION TOPPING AND RETAINING INTEREST IN POLE EXAMPLE 29

- (1) Date prepared, Date Sent
- (2) Joint Pole Authorization Number. The Joint Pole Authorization Number shall begin with the current member's code.
- (3) Header Information
- (4) Pole Record Information, show current height in parenthesis and new height above.
- (5) Proposed Information, show # of feet to be cut and new grade and space
- (6) Use Section 5.2
- (7) Community

AUTHORIZATION FOR JOINT POLE TRANSACTION

PAGE NO. 1 OF

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

Date Prepared 9/19/2016

Date Sent 10/21/2016

Confirming Agreement

In Field ☐

By Telephone ☐

Est.Const. Start _____ No. of Pages 1

J.P. Auth.No. _____

E60XX-XXXXXXXX

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
E	J BINKERD	SANTA BARBARA	TIM DAVIS	GOLETA	TD1169139 2 QD 700198
FTR	TOM MATTSON				

POLE NO.	Pole Length	Year Set	Pole Treat Class	Record								Proposed								Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine state reasons.	
	Anchor Size		Anchor Direct.	16kV								16kV										
				E		FTR		NG				E		FTR		NG					E TO TOP POLE, SEC 5.2	1
4499519E	40 (50)	2015	FT CL2	39-9 20-2		24-4		20-1				C-10 34-4		24-4		20-1					MARPOSA DR W/S 601' N/O LILAC DR	2
												20-2									CREW TO CUT 10' OF EXISTING 50' POLE DUE	3
																					TO VIEW OBSTRUCTION	4
	3/4"	64'	W	.50		.50																5
																						6
																						7
																						8
																						9
																						10
																						11
																						12
																						13

POLE LEGEND:
P = PULL
PB = PULL BUTT
T = TRANSPORT
S = SALVAGE
D = DISPOSE
TN = TENANT

L = LOWER TOP
C(XX) = FOOTAGE CUT
SCZ = SAFETY CLEARANCE ZONE

ANCHOR LEGEND:
AR = ANCHOR REMOVED
AT = ANCHOR TRANSFERRED

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

↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
GEOGRAPHICAL LOCATION
SANTA BARBARA
COMMUNITY

FORM 48 _____

**PRELIMINARY JOINT POLE AUTHORIZATION
CORRECTION OF RECORDS--ORIGINAL JPA NOT AVAILABLE
EXAMPLE 30**

- (1) Date Prepared, Date Sent
- (2) Joint Pole Authorization Number. The Joint Pole Authorization number shall begin with the current member's code and end with COR indicator.
- (3) Header information
- (4) Use Section 13.1; show original JPA number & Bill of Sale date of JPA to be corrected.
- (5) Show information **SHOWN AS (S/A)** on original JPA that was final billed.
- (6) Show information as it **SHOULE BE (S/B)** billed.
- (7) Provide reason for correction
- (8) Community
- (9) Records Only – No Form 48 will be required.

AUTHORIZATION FOR JOINT POLE TRANSACTION

PAGE NO. 1 OF

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

Date Prepared 4/1/2016

Date Sent 4/1/2016

Confirming Agreement

In Field ☐

By Telephone ☐

By email ☐

Est.Const. Start

No. of Pages 1

J.P. Auth.No.

E60XX-XXXXXXXXXCOR

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
E	JESSE BAILEY	KERNVILLE	APRIL DEBARGE	WOFFORD HEIGHTS	700215
FTR					

POLE NO.	Pole Length	Year Set	Pole Treat Class	Record								Proposed								Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine reasons.	
	Anchor Size		Anchor Direct.	H	E	CTC						16kV	E	FTR								
																					COR 13.1 E603505178 B/S 09/1995	1
S/A																						2
33936CIT	45	64	FT	FT		24						PTD									COLUMSUB AV S/S 165' E/O KELLEN WAY	3
																						4
4295075E	50	95	FT									43-13 21-3		24-3							S/S COLUMBUS AV 20' E/O KELLEN WAY	5
																						6
S/B																						7
33936CIT	45	64	FT			24-3						39-9 21-3		24-3							COLUMBUS AV S/S 165' E/O KELLEN WAY	8
																						9
																					REVERSE; REPLACEMENT DID NOT OCCUR	10
																					IN 1995. DELETE POLE 4295975E.	11
																					ORIGINAL JPA NOT AVAILABLE.	12
																						13

POLE LEGEND:
P = PULL
PB = PULL BUTT
T = TRANSPORT
S = SALVAGE
D = DISPOSE
TN = TENANT

L = LOWER TOP
C(XX) = FOOTAGE CUT
SCZ = SAFETY CLEARANCE ZONE

ANCHOR LEGEND:
AR = ANCHOR REMOVED
AT = ANCHOR TRANSFERRED

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

GEOGRAPHICAL LOCATION
KERNVILLE
COMMUNITY

FORM 48 NO F48 REQUIRED

4.1 Unauthorized Attachment

Each case requiring joint ownership in a pole shall constitute an unauthorized attachment if the Member making such attachment fails to initiate Form 2 Joint Pole Authorization or makes attachment prior to approval of Form 2 Joint Pole Authorization.

Apply as appropriate **per chart below**.

Excluded from these sections are:

(a) Cases where a joint owner has made attachment on pole at a higher or lower grade than allowed for the space purchased. (This owner must relocate to the proper grade or when allowed, purchase interest in accordance with Section 4.0).

(b) Poles set in current year.

(c) All interset poles where services are originated from clearance attachments thereon. In these cases, purchase of interest shall be required at structural value only, and Member issuing Form 2 Joint Pole Authorization shall specify Routine Section 4.0 for such purchase.

NOTE 1: This section does not apply to anchors.

NOTE 2: Refer also to Sections 5.4, 7.7, and 16.4B

NOTE 3: With agreement from pole owner of record for space where unauthorized attachment exists Section 4.0 may be used.

(Revised January 2011)

Section 4.1 Unauthorized Attachment Chart			
Initiator	Attachment Category	Section	Billing
Pole Owner	Service Drops; Secondary Service	4.1A	Purchase of interest at structural value based on year pole was set. 50% penalty based on year pole was set apportioned to owners of record for common space and 50% penalty based on year pole was set for full value of space occupied by unauthorized attachment to owner of said space.
Unauthorized Attacher	Service Drops; Secondary Service	4.0	Purchase of interest at structural value based on year pole was set.
Pole Owner	Mainline/Line Side; cable and/or strand including self- supporting and/or dielectric cables	4.1B	Purchase of interest at structural value based on year pole was set. 50% penalty based on ~~current-the date sent of the JPA year~~ new pole cost apportioned to owners of record for common space and 50% penalty based on ~~current-the date sent of the JPA year~~ new pole cost for full value of space occupied by unauthorized attachment to owner of said space. <u>(in Feb 2017 Admin Board Discussion, in Consent Admin Board March 2017 meeting, effective after approved)</u>
Unauthorized Attacher	Mainline/Line Side; cable and/or strand including self- supporting and/or dielectric cables	4.1A	Purchase of interest at structural value based on year pole was set. 50% penalty based on year pole was set apportioned to owners of record for common space and 50% penalty based on year pole was set for full value of space occupied by unauthorized attachment to owner of said space.
Incoming Member	Any unauthorized attachments	4.1A	Purchase of interest at structural value based on year pole was set. 50% penalty based on year pole was set apportioned to owners of record for common space and 50% penalty based on year pole was set for full value of space occupied by unauthorized attachment to owner of said space.

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

Date
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
Phone

☐

By Email

Est.
Const.
Start

No. of
Pages

J.P.
Auth.No.

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

POLE NO.	Pole Length Anchor Size	Year Set	Pole Trt	Record				Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
			Class											
			Anchor Direct.											
														1
														2
														3
														4
														5
														6
														7
														8
														9
														10
														11
														12
														13

POLE LEGEND: L = LOWER TOP(Item 5E)

P = PULL (Item 5A) C(XX) = FOOTAGE CUT

PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE

T = TRANSPORT (Item 5B)

S = SALVAGE

D = DISPOSE (Item 5D)

TN = TENANT

ANCHOR/ARM LEGEND:

AR = ANCHOR/ARM REMOVED

AT = ANCHOR/ARM TRANSFERRED

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

GEOGRAPHICAL LOCATION

COMMUNITY

VP/J.P.-03

Rev. Feb 2017

Southern California Joint Pole Committee

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

March 15, 2017

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. Bryan Strong	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
Mr. Ed Loescher	Frontier Communication
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Wendy Mueller	ExTenet Systems
Mr. Joe Armstrong	City of Pasadena
Ms. Shawn Henderson	T-Mobile USA
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. Adam Wood	Mobilitie, LLC
Mr. Alex Parra	City of Riverside
Ms. Maryam Farajzadeh	City of Vernon
Ms. Sherri DuChateau	Golden State Water
Ms. Alyssa Aguilar	City of Colton
Ms. Catherine Babakhanlou	City of Glendale
Mr. Dan Kjar	City of Azusa
Mr. Brandon Robinson	City of Banning
Mr. John Vu	City of Anaheim
Mr. Dan Garden	MCI Telecom/MCI Metro
Ms. Kay Black	AT&T California
Mr. Ayman Arraj	City of Burbank

CALL TO ORDER:

President, Mr. Jeff Williams called the meeting to order at 9:05 am. Mr. Williams then proceeded with roll call. When roll call was complete, those members not in attendance are Verizon Wireless (ATC), Teleport Communications (TCA), Time Warner Cable (TWC), AT&T Mobility (LAC), XO Communications (NXT), City of Lompoc (LLW), Sprint Nextel (SPR), M-Power Communications (ICG), Sprint Communications (FON), and ATC Outdoor DAS (AMT).

HOUSEKEEPING:

Mr. Williams 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. Williams inquired whether the members had reviewed the minutes of the February 15, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Williams then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the February 15, 2017 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 February 2017 operating expenses were \$60, 469.16. However, the member assessment total was \$60, 969.16 due to a member falling below the 50% attendance requirement. The attendance penalty fee is \$500.00.

COMMUNICATIONS:

CPUC Workshop Invitation (also under Discussion Calendar)

Ms. Pranata reported that she has forwarded all members a copy of the email received from the CPUC in reference to the attendance of this workshop by the SCJPC committee. This invitation letter is slated for discussion later in the meeting to be discussed by the Board.

SPECIAL REPORTS

There are no special reports for this meeting.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Pranata reported that she was notified by Ms. Hernandez, the chair of the Authorized Costs ad hoc committee that she may be late for this meeting. Therefore, it was decided to table this report for later in the meeting.

Routine Revision ad hoc Committee

Ms. Pranata reported that Ms. Ortiz, the chair of the ad hoc Routine Revision committee also notified her that she also may be late to this meeting. This report is also tabled for later in the meeting.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met March 14, 2017. She stated that in testing the new database some bugs were discovered. Ms. Pranata will contact Mr. Atalla to notify him of these issues and will report back to the Computer ad hoc committee. She concluded by directly the members to the minutes.

Compliance ad hoc Committee

Mr. Serrato reported that this ad hoc met on March 14, 2017. There were no further developments in the City of Riverside pole attachment process. They briefly discussed the CPUC workshop invitation which has been moved to this meeting. The members discussed an alert to the clearing of debris in car hit pole situations. He concluded by referring the members to the minutes of the meeting.

Operating Committee

Ms. Kearns reported that the Operating Committee met on February 15, 2017. He stated in regards to accounts receivables, Frontier Communications is now current. Other member attendees reported the status of their organizations remittance status. The JPA work status was reported and NG is now submitting additional multi JPAs creating a backlog in the office.

Edison brought to the table that the pulling of finalized JPAs from the month after SCE has accounted for and balanced in their fiscal projection for the month is creating a problem internally (for greater details on this discussion, please refer to the minutes).

The members read the email sent by Golden State Water requesting the committee to waive the \$500.00 penalty fee they were assessed. The members discussed the request and the consensus is that this fee would not be waived. He concluded by referring the members to the minutes for further details.

NJUNS (ad hoc)

Mr. Wayne Brown reported that NJUNS met February 15, 2017. The members discussed the increasing of the current 60 day limit to 120 days, and how NJUNS would be an avenue and aide in tracking and maintaining communication dates.

The members discussed the lack of member participation in the current buddy pole pilot within NJUNS and if there continues a lack of interest, perhaps the ad hoc could be eliminated. However, it was agreed that this ad hoc should continue since aside from the buddy pole process, NJUNS could prove a good avenue for further JPA processing. Therefore, to proceed with NJUNS all members are requested to obtain their access code to NJUNS. Mr. Brown added that to date there are members who have obtained their respective codes, therefore he encourages the members who have not yet obtained their access code to do so. He closed by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

New Example 29 (Section 18) of Routine Handbook

Ms. Pranata displayed the newly created example 29 pertaining to the topping and retaining interest in a pole.

Revised Section 4.1B of Routine Handbook

Ms. Pranata displayed Section 4.1B and the revisions agreed by the ad hoc. The 50% penalty is now based on the date sent of the JPA and not the current year. She added that this revision is retroactive.

Mr. Williams then solicited a motion to approve the items on the Consent Calendar. Mr. Wayne Brown motioned to approve the items on the Consent Calendar, Ms. Carmichael seconded the motion which upon voting passed unanimously.

DISCUSSION CALENDAR:

CPUC Workshop Invitation – March 17th

Mr. Williams opened discussion by stating that the CPUC has requested the SCJPC participate in their workshop. He added that many members are in agreement that the SCJPC need not attend while others are of the opinion that the SCJPC should have someone represent the SCJPC. Mr. Steve Brown proposed that the SCJPC should politely decline the invitation. He added that there will be attendees who are members of the SCJPC and any questions could be addressed and answered by said attendees. He further added that the invitation is a short notice and non-budgeted expense to the committee. He required if members agreed.

Mr. Wayne Brown stated that SCE will attend and represent SCE, however will not represent the SCJPC, and is of the opinion that someone should represent the committee.

Ms. Carmichael stated that in the response notice to the CPUC invitation it could be stated that the SCJPC operates similarly to the NCJPA and they will be in attendance. Mr. Williams added that there will be NCJPA members in attendance that are also members of the SCJPC and would be available to answer questions.

Mr. Mathisen reported that the NCJPA is working on a presentation that he believes does not have what the CPUC is truly looking for, however, all the NCJPA has is in their presentation. He proposed stating in the SCJPC response letter to the CPUC invitation that the committee does not have a technical person available or the ability to create a presentation, however, there will be someone available to answer any questions.

After extensive discussion it was agreed that someone from the SCJPC office could attend the workshop via teleconference. Ms. Pranata stated that on the CPUC workshop program the SCJPC is slated between 11:00 am and noon to facilitate a presentation. She inquired for direction. Mr. Williams stated to notify the CPUC that there is not enough time to create a presentation, however, someone will be available to answer any questions.

Mr. Steve Brown will respond to the CPUC invitation by stating that there is not enough time to arrange travel or a presentation. However, the SCJPC will provide someone to be available between 11:00 am until noon to answer questions. Ms. Kathleen Allen will attend the workshop via conference call and answer questions pertaining to office procedures.

Proposed 2017-2018 Authorized Costs/Proposed 2017 Pole Prices

Ms. Pranata reported that the Authorized Costs ad hoc committee has agreed upon the proposed 2017-2018 AC costs and the 2017 Pole Prices therefore ready for Board approval at the next Administrative Board meeting in April. She stated that she has sent the proposed costs to all members via an email attachment. Members may also download the files from the SCJPC webpage. She directed the members to review all costs and be prepared to approve the costs at the next meeting. If there are any concerns with the costs, please bring concerns to the table at the next Board meeting. If approved the costs will be retroactive to January 2017.

WebEx Plan Upgrade for SCJPC Online Attendees

Ms. Black opened discussion by stating that the NCJPA has upgraded their WebEx plan to accommodate all members. She then inquired if members have any difficulty in connecting to the WebEx conference meetings and have any problems viewing their screens. Ms. Pranata reported that the cost increase would be \$30.00 per month, and the participants would increase from 25 to 200. In that the current WebEx participants are not experiencing any problems the consensus is that an upgrade is not required at this time. This will be discussed in the future should it be deemed necessary.

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 – REVISION (05/19/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/2016)
Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1622: Pole Mount Equipment in common space - ROUTINE REVIS (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 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1627: Wireless 2' SCZ Antenna Elimination - ROUTINE REVISION (01/17/2017)
Item 1628: Unauthorized Penalty (current yr) Billing – ROUTINE (01/17/2017)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1631: Customer Billing – Sec 7.10, 5.10 & X.10 – ROUTINE (2/14/2017)

Item 1628: Unauthorized Attachment Penalty is now closed, all other items remain open.

Item 1629: 2017 Environmental Issues

Mr. Steve Brown reported DWP is being informed by organizations that they are not allowed, therefore unable to remove a pole butt because it has been treated with MITC FUME. Every one that has been reported as such has proven false. He requested that members research to ensure that the pole is truly MITC FUME.

Mr. Wayne Brown reported that SCE is experiencing the same issue. He added that many tags appear to be MITC but are not.

Ms. Black inquired if she could obtain the JPA number(s) and research the job since this appears an internal training issue.

New Business

Known Items:

There are no known items.

Unknown Items:

There are no unknown items.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	04/18/17	9:00 am.	Committee Office
Authorized Costs	04/18/17	Following	Routine Revision
Computer Committee	04/18/17	Following	Authorized Costs
Compliance Committee	04/18/17	Following	Computer Committee
Administrative Board	04/19/17	9:00 am.	Committee Office
Operating Committee	04/19/17	Following	Administrative Board
NJUNS	04/19/17	Following	Operating Committee

ADJOURNMENT:

Mr. Williams adjourned the meeting at 10:15 am., until April 19, 2017.

Mr. Jeff Williams, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

Angela Pranata

From: Podolinsky, Elizabeth <elizabeth.podolinsky@cpuc.ca.gov>
Sent: Monday, March 06, 2017 5:52 PM
To: angela@scjpc.net
Subject: CPUC Pole Workshop - March 17
Attachments: Workshop Agenda Pole Databases.pdf

Hello Angela,

The CPUC is hosting a workshop on March 17th regarding pole databases and pole database management in California. This workshop will also address conduit issues as they relate to databases. I attach a draft agenda to this email for your review. We would like the Southern California Joint Pole Committee to participate in Panel 2 with other members of the Southern California pole community, including Sempra, Frontier Communications, and SCE. We will be contacting representatives of those groups today as well. The purpose of Panel 2 is to explain how pole information is collected, managed, and how it is used by the various stakeholders.

We'd like a technical person from SCJPC to sit on the panel. Can you suggest someone? Please let me know if you are available today or tomorrow to discuss.

Thank you.

Liz

Liz Podolinsky
Advisor to President Michael Picker
California Public Utilities Commission
(415) 703-3201
Cell: (415) 537-0188
pod@cpuc.ca.gov

WORKSHOP: Pole and Conduit Databases & Applications in California



CPUC San Francisco Headquarters – Auditorium
505 Van Ness Ave, San Francisco, CA 94102

March 17, 2017, 9:30 am to 4:00 pm

Conference Call Phone #: 888-469-0506 Passcode 92105
Webcast: <http://www.adminmonitor.com/ca/cpuc/>

Purpose: To examine the status of databases and database applications in California regarding pole and conduit information, including pole location, attachments, material, ownership, and management; and the implications of such data management for safety and access.

9:30 am to 10:00 am	Welcome and Background by Elizaveta Malashenko, Director, Safety and Enforcement Division, California Public Utilities Commission <i>Opening Remarks by Michael Picker, President, California Public Utilities Commission</i>
10:00 am to noon	Morning Panels: How do electric utilities, communication providers, municipalities, and joint pole administrators collect and manage pole and conduit information
10:00 am to 11:00 am	<i>Presentation 1: Northern California Perspective</i> <i>Moderator: Elizaveta Malashenko</i> • <i>Speaker details to follow</i>
11:00 am to noon	<i>Presentation 2: Southern California Perspective</i> <i>Moderator: Elizaveta Malashenko</i> • <i>Speaker details to follow</i>
Noon to 1:15 pm	Lunch Break
1:15 pm to 2:30 pm	Presentation 3: Lessons learned in shared databases and management <i>Moderator: Elizaveta Malashenko</i> • <i>Speaker details to follow</i>
2: 30 pm to 3:45 pm	Panel Discussion 4: Potential use cases of data sharing <i>Moderator: Elizaveta Malashenko</i> • <i>Speaker details to follow</i>
3:45 pm to 4:00 pm	Concluding Remarks by President Picker and Elizaveta Malashenko



PRELIMINARY JOINT POLE AUTHORIZATION TOPPING AND RETAINING INTEREST IN POLE EXAMPLE 29

- (1) Date prepared, Date Sent
- (2) Joint Pole Authorization Number. The Joint Pole Authorization Number shall begin with the current member's code.
- (3) Header Information
- (4) Pole Record Information, show current height in parenthesis and new height above.
- (5) Proposed Information, show # of feet to be cut and new grade and space
- (6) Use Section 5.2
- (7) Community

AUTHORIZATION FOR JOINT POLE TRANSACTION

PAGE NO. 1 OF 1

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

Date Prepared 9/19/2016

Date Sent 10/21/2016

Confirming Agreement

In Field ☐

By Telephone ☐

Est.Const. Start _____ No. of Pages 1

J.P. Auth.No. _____

E60XX-XXXXXXXX

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	J BINKERD	SANTA BARBARA	TIM DAVIS	GOLETA	TD1169139 2 QD 700198
U2	TOM MATTSO				

POLE NO.	Pole Length	Year Set	Pole Treat Class	Record								Proposed								Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine state reasons.	
	Anchor Size		Anchor Direct.	16kV U1	U2	U3						16kV U1	U2	U3								
																					E TO TOP POLE, SEC 5.2	1
4499519E	40 (50)	2015	FT CL2	43-13 20-2	24-4	20-1						C-10 34-4	24-4	20-1							MARPOSA DR W/S 601' N/O LILAC DR	2
												20-2									CREW TO CUT 10' OF EXISTING 50' POLE DUE	3
																					TO VIEW OBSTRUCTION	4
	3/4"	64'	W	.50	.50																	5
																						6
																						7
																						8
																						9
																						10
																						11
																						12
																						13

POLE LEGEND:
P = PULL
PB = PULL BUTT
T = TRANSPORT
S = SALVAGE
D = DISPOSE
TN = TENANT

L = LOWER TOP
C(XX) = FOOTAGE CUT
SCZ = SAFETY CLEARANCE ZONE

ANCHOR LEGEND:
AR = ANCHOR REMOVED
AT = ANCHOR TRANSFERRED

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

↑ ↑ ↑ ↑ ↑ ↑ ↑ ↑
GEOGRAPHICAL LOCATION
SANTA BARBARA
COMMUNITY

FORM 48 _____

4.1 Unauthorized Attachment

Each case requiring joint ownership in a pole shall constitute an unauthorized attachment if the Member making such attachment fails to initiate Form 2 Joint Pole Authorization or makes attachment prior to approval of Form 2 Joint Pole Authorization.

Apply as appropriate **per chart below**.

Excluded from these sections are:

(a) Cases where a joint owner has made attachment on pole at a higher or lower grade than allowed for the space purchased. (This owner must relocate to the proper grade or when allowed, purchase interest in accordance with Section 4.0).

(b) Poles set in current year.

(c) All interset poles where services are originated from clearance attachments thereon. In these cases, purchase of interest shall be required at structural value only, and Member issuing Form 2 Joint Pole Authorization shall specify Routine Section 4.0 for such purchase.

NOTE 1: This section does not apply to anchors.

NOTE 2: Refer also to Sections 5.4, 7.7, and 16.4B

NOTE 3: With agreement from pole owner of record for space where unauthorized attachment exists Section 4.0 may be used.

(Revised January 2011)

Section 4.1 Unauthorized Attachment Chart			
Initiator	Attachment Category	Section	Billing
Pole Owner	Service Drops; Secondary Service	4.1A	Purchase of interest at structural value based on year pole was set. 50% penalty based on year pole was set apportioned to owners of record for common space and 50% penalty based on year pole was set for full value of space occupied by unauthorized attachment to owner of said space.
Unauthorized Attacher	Service Drops; Secondary Service	4.0	Purchase of interest at structural value based on year pole was set.
Pole Owner	Mainline/Line Side; cable and/or strand including self- supporting and/or dielectric cables	4.1B	Purchase of interest at structural value based on year pole was set. 50% penalty based on ~~current-the date sent of the JPA year~~ new pole cost apportioned to owners of record for common space and 50% penalty based on ~~current-the date sent of the JPA year~~ new pole cost for full value of space occupied by unauthorized attachment to owner of said space. <u>(in Feb 2017 Admin Board Discussion, in Consent Admin Board March 2017 meeting, effective after approved)</u>
Unauthorized Attacher	Mainline/Line Side; cable and/or strand including self- supporting and/or dielectric cables	4.1A	Purchase of interest at structural value based on year pole was set. 50% penalty based on year pole was set apportioned to owners of record for common space and 50% penalty based on year pole was set for full value of space occupied by unauthorized attachment to owner of said space.
Incoming Member	Any unauthorized attachments	4.1A	Purchase of interest at structural value based on year pole was set. 50% penalty based on year pole was set apportioned to owners of record for common space and 50% penalty based on year pole was set for full value of space occupied by unauthorized attachment to owner of said space.

Item Number	Power or Communication or Both P/C	2015-2016 PRICE	SCW 1 Power	LLW 1 Power	H/T 1 Comm	M 1 Power	TCA 1 Comm	ATC 1 Comm	NXT 1 Comm	LAC 1 Comm	SPR 1 Comm	FON 1 Comm	FTR 1 Comm	E 1 Power	Total # of Submitted Price 12	2017-2018 PRICE (formula)
POLE MAINTENANCE AND MISCELLANEOUS																
1-Trenching/Moving 30' -35' WITH supply	Power	2470	2613			1959								3131	3	2568
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449								4175	3	3188
1-Trenching/Moving 50'-55' WITH supply	Power	3406	3593			2776								4175	3	3515
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429								4175	3	3841
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245								8350	2	6298
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225								8350	2	6788
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123								8350	2	7237
1-Trenching/Moving 100' WITH supply	Power	7202				6613								8350	2	7482
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872					990	990	990	990	990	990	675		7	945
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940					990	990	990	990	990	990	810		7	964
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442					1800	1800	1800	1800	1800	1800	945		7	1678
3-Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959	630	630	630	630	630	630	675	3131	11	1056
3-Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449	630	630	630	630	630	630	810	3131	11	1166
3-Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776	990	990	990	990	990	990	945	3131	11	1457
3-Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429	990	990	990	990	990	990	1080	3131	11	1582
3-Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245	990	990	990	990	990	990		3131	9	1679
3-Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225	990	990	990	990	990	990		4175	9	1932
3-Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123	990	990	990	990	990	990		4175	9	2060
3-Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613	990	990	990	990	990	990		4175	9	2143
4-Straightening in Earth 30'-35'	Both	866	1960		875	1094	630	630	630	630	630	630	\$702	2088	11	954
4-Straightening in Earth 40'-45'	Both	917	2286		1131	1094	630	630	630	630	630	630	\$837	2088	11	1020
4-Straightening in Earth 50'-55'	Both	986	2939		1387	1094	630	630	630	630	630	630	\$945	2088	11	1112
4-Straightening in Earth 60'-65'	Both	1472	3919		1642	1616	1440	1440	1440	1440	1440	1440		2088	10	1791
4-Straightening in Earth 70'-75'	Both	1374	0		1898	1616	1440	1440	1440	1440	1440	1440		2088	9	1582
4-Straightening in Earth 80'-85'	Both	1551	0		2154	1616	1440	1440	1440	1440	1440	1440		4175	9	1843
4-Straightening in Earth 90'-95'	Both	1551	0		2409	1616	1440	1440	1440	1440	1440	1440		4175	9	1871
4-Straightening in Earth 100'	Both	2763	0		2665	1616	3690	3690	3690	3690	3690	3690		4175	9	3400
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	931	1306	1045	915	1094	810	810	810	810	810	810	699	1044	12	914
5-B Removing From Service:Transporting	Both	412	327	523	384	653	180	180	180	180	180	180	219	209	12	283
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588	810	810	810	810	810	810	287	522	12	622
5-D Removing From Service: Disposal	Both	735	622		256	384	810	810	810	810	810	810	219	235	11	598
5-E Removing from service: Lowering	Both	581	213		128	327	0	0	0	0	0	0	219	436	5	265
5-F Removing From Service: Removal of steel truss (any size)	Both	957	980		511	1086	810	810	810	810	810	810			9	826
6-A Pole Stubbing 8 Ft metal truss	Power	1273	1306												1	1306
6-B Pole Stubbing 10-11 Ft metal truss	Power	988	1306	1959		1695									3	1653
6-C Pole Stubbing 11 Ft metal truss	Power	1318	1633	1959		1695								606	4	1473
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695								763	3	1364
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960											1385	2	1672
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286											2064	2	2175
6-G Pole Stubbing 15.5 Fmetal truss	Power	2308	2286											2388	2	2337
6-H Pole Stubbing: Addtl metal trusses (all sizes)	Power	773	1306											273	2	790
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1882	653			1191									2	922
6-J Pole Stubbing: ET (Extended) Truss (new item)	Power															Delete, no prices Submitted
7 - Intentionally left blank																
8-A Semi Cir. Pole Guards - Installation	Both	158			266	262							135	212	4	219
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232							135	105	4	150
9 Title: Hand Dig Pole Set/Hand Removal																
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both		1371	2090	1151	1306	1620	1620	1620	1620	1620	1620	699	2088	12	1535
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both			2090	1151	1306	1620	1620	1620	1620	1620	1620			9	1585
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both				1151	1306	1620	1620	1620	1620	1620	1620			8	1522
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:																
10-A Cement break and temporary repair	Both	1203	1732	523	266	922	1890	1890	1890	1890	1890	1890	603	821	12	1350
10-B Asphalt break & repair	Both	1170	1234	669	283	369	1890	1890	1890	1890	1890	1890	427	936	12	1271
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056	990	990	990	990	990	990	829	1205	12	999
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both			816	847	1709	460	460	460	460	460	460			9	681
10-E ADA accessible ramp (new item)	Both		0		1219		14180	14180	14180	14180	14180	14180			7	12328

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
11-Joint Rights of Way-by special agreement																
12-A-Reserved for future use																
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174								51	3	119
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174								41	3	116
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174								69	3	125
12-E Pole Inspect/Treat-Reject	Power	49	133			174								54	3	120
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174								55	3	143
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Both	278	414		128		360	360	360	360	360	360	64	63	10	283
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	303	414		256	450	360	360	360	360	360	360	218	164	11	333
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	251	90		151	583	275	275	275	275	275	275	135	754	11	306
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	110	45		128	379	150	150	150	150	150	150	136	220	11	164
15-A Pole Marking-Tagging	Both	43	41	105	66	43	45	45	45	45	45	45	34	21	12	48
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48	45	45	45	45	45	45	3	21	12	48
16-A Backhoe 2/hr minimum	Both	252	305		342	321	270	270	270	270	270	270	7	411	11	273
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161	180	180	180	180	180	180	168	205	11	180
17 Title: Wood Pole Fiberglass wrap																
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810												1810	1	1810
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427												2427	1	2427
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428												2428	1	2428
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116												116	1	116
18-A ModPole Material & Installation 9'	Power	5635	3025											8323	2	5674
18-B ModPole Material & Installation 14'	Power	6411	3351											9558	2	6455
18-C ModPole Material & Installation 18'	Power	6740	4005											9579	2	6792
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	1946	1633	2090	1023	1518	1890	1890	1890	1890	1890	1890	1080	6263	12	2079
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2194	1960	2613	1534	2008	1890	1890	1890	1890	1890	1890	1620	8350	12	2452
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3057	3266		2046	3666	2790	2790	2790	2790	2790	2790	2025	12526	11	3661
TRANSFER COSTS GUY WIRES -----																
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																
20- A All types and sizes, each end	Both	283	499		256	522	270	270	270	270	270	270	178	391	11	315
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	398	502		320	522	450	450	450	450	450	450	614	522	11	471
20-C Insulator relocation	Both	225	251		128	180	270	270	270	270	270	270	178	522	11	262
TRANSFER COSTS - POWER CIRCUITS -----																
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:																
21 - A 0-7.5 kv single Arm (includes service arm)																
Transfer Arm	Power	407				604								261	2	433
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - B 0-7.5 kv double arm																
Transfer Arm	Power	791				1159								522	2	841
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - C 0-7.5 kv double arm with																
Transfer Arm	Power	999				2057								652	2	1355
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - D 0-7.5kv sidearm - single																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	391				0								391	1	391
Transfer Conductor (no splicing)	Power	261				0								261	1	261
21 - E 0-7.5kv sidearm - double																
Transfer Arm	Power	1088				1652								652	2	1152
Transfer Conductor (splicing required)	Power	338				408								391	2	400
Transfer Conductor (no splicing)	Power	228				310								261	2	286

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
21 - F 7.6-15kv single arm																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - G 7.6-15kv double arm																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - H 7.6-15kv sidearm - single																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - I 7.6-15kv sidearm - double																
Transfer Arm	Power	913				0								913	1	913
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - J 16-34kv single arm																
Transfer Arm	Power	1130				947								391	2	669
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - K 16-34kv double arm																
Transfer Arm	Power	1432				1323								652	2	987
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - L 16-34kv double arm with																
Transfer Arm	Power	1714				2224								783	2	1503
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - M 16-34kv sidearm - single																
Transfer Arm	Power	652				0								652	1	652
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - N 16-34kv sidearm - double																
Transfer Arm	Power	1779				1796								913	2	1355
Transfer Conductor (splicing required)	Power	468				767								652	2	710
Transfer Conductor (no splicing)	Power	358				669								522	2	596
21 - O 66-115kv single arm																
Transfer Arm	Power	783				0								783	1	783
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - P 66-115kv double arm																
Transfer Arm	Power	1044				0								1044	1	1044
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - Q 66-115kv steel arm																
Transfer Arm	Power	1090				0								1090	1	1090
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
NOTE: Add Item 24 for bonding cost.																
NOTES CONCERNING ITEMS 21 AND 22: For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.																
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:																
22-A 0-750 volt secondary	Power	222				343								130	2	237
22-B 750-7,500 volt primary	Power	440				490								522	2	506
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633								783	2	1208
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763								783	2	1273
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0								783	1	783
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost																
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)																
23-A Flat to vertical 7.5-115kv single arm per pole	Power	2064				2384								1957	2	2170
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384								1396	2	1890
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384								2127	2	2255

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384								1957	2	2170
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384								1396	2	1890
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384								2127	2	2255
NOTE: Cost of rebonding is included in above prices.																
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359								391	2	375
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718								522	2	620
25 - Ground Wire, Incl. protective covering	Power	510				686								391	2	539
26 - Pole Top Switches(oil or Open Air) Price <i>by field agreement</i> (cost to be estimated and agreed to by field engineers)																
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	300				229								391	2	310
Plus Conductor ea.	Power	205				163								261	2	212
27 - B Bracket, Triplex	Power	213				180								261	2	220
Plus Triplex conductor	Power	205				163								261	2	212
NOTE: If rack or bracket supports service drops only, omit specified line conductor cost and add Item 28. If service drops originate from line conductors, Item 28 is additional.																
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	130				212								65	2	139
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310								130	2	220
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212								130	2	171
29- A Transformers 1-1/2 to 25 KVA each	Power	2490				3902								2088	2	2995
29- B Transformers 30 to 167 KVA each	Power	2751				3902								2610	2	3256
29- C Mounting Brackets, two transformers	Power	298				474								162	2	318
NOTE: If two transformers are on the same arm, deduct \$99 from the total; if three transformers are on the same arm, deduct \$246 from the total.																
30-A Capacitors/capacitor bank switched	Power	4701				3429								6263	2	4846
30-B Capacitors/capacitor bank non-switched	Power	2612				3200								3131	2	3166
31-A Street Lights Ctr Susp type-span end	Power	1177				0								261	1	261
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0								548	1	548
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0								261	1	261
31-D Street Lights Gooseneck or brket type Conduit on pole	Power	536				571								548	2	560
31-E Street Lights Mast arm type	Power	627				571								731	2	651
31-F Street Lights Pole top pin and insulator-single	Power	143				276								47	2	161
31-G Street Lights Pole top pin and insulator-Double	Power	155				0								70	1	70
32 Meter of Time Switch Control Box (Price by field agreement)																
33-A Support single insulator fiberglass	Power	239				261									1	261
33-B Support Double insulator fiberglass	Power	239				300									1	300
33-C Support Triple insulator fiberglass	Power	239														#DIV/0!
33-D Support Pole Top insulator fiberglass	Power	239				276									1	276
34 Support, single deadend fiberglass	Power	239				261									1	261
35-A Insulator mounting brkets-single(ver-Hor)	Power	295				522								261	2	392
35-B Insulator mounting brkets-Double(vertical)	Power	360				1045								391	2	718
35-C Insulator mounting brkets-Single, over 40KV	Power	783				0								783	1	783
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0								352	1	352
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0								509	1	509
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0								6263	1	6263
38- Insulator assembly bracket for endarm mountings	Power	679				349								1044	2	697
NOTE: Refer to Item 21 for conductor cost																
39 - Stand-off brackets for jointly used risers (new item)	Power					0										Delete, no prices submitted
40 - Transferring risers (new item)	Power					0										Delete, no prices submitted

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)																
TRANSFER COSTS - COMMUNICATION CIRCUITS -----																
74-Semi-circular cable guard ("U" guard): transferring	Communication	205			128		270	270	270	270	270	270	135		8	235
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247			256		270	270	270	270	270	270	101		8	247
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259			320		270	270	270	270	270	270	102		8	255
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54			128		45	45	45	45	45	45	34		8	54
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	51			64		45	45	45	45	45	45	3		8	42
79-Multiple Distribution Service Wire on line pole	Communication	97			128		90	90	90	90	90	90	155		8	103
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72			128		68	68	68	68	68	68	155		8	86
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77			192		90	90	90	90	90	90	68		8	100
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361			256		450	450	450	450	450	450	331		8	411
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399			288		450	450	450	450	450	450	479		8	433
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	393			320		450	450	450	450	450	450	331		8	419
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	331			352		450	450	450	450	450	450	527		8	447
NOTE: The above prices do not include cable terminals.																
83-A Cable attached direct to pole (complete)	Communication	195			128		270	270	270	270	270	270	178		8	241
83-B Cable attached (additional work required) (new item)	Communication				32		180	180	180	180	180	180			7	159
84-A Messenger reinforcing units-Strap each	Communication	179			64		270	270	270	270	270	270	68		8	219
84-B Messenger reinforcing units-Link each	Communication	177			64		270	270	270	270	270	270	68		8	219
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128		270	270	270	270	270	270	331		8	260
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160		270	270	270	270	270	270	479		8	282
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224		270	270	270	270	270	270	331		8	272
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192		270	270	270	270	270	270	527		8	292
86-Messenger dead end, all sizes-with or without cable	Communication	202			192		270	270	270	270	270	270	178		8	249
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128		270	270	270	270	270	270	142		8	236
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256		360	360	360	360	360	360	594		8	376
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384		360	360	360	360	360	360	135		8	335
88-Multiple Distribution Wire terminal Transfer	Communication	169			256		251	251	251	251	251	251	142		8	238
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548								240		2	394
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357								240		2	298
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448								253		2	351
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558								240		2	399
NOTE-Costs of drop and/or line pair rearrangements and cable transfer are not included in the above prices and are added only when cost of transfer is made applicable under the Routine. For replacement of terminals larger than 50 pair, the cost is to be billed under Item #109.																
91-A Cable Splicing/per splice/per pair=18 pr	Communication	343			160		321	321	321	321	321	321	225		8	289
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197		325	325	325	325	325	325	225		8	296
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310		375	375	375	375	375	375	361		8	365
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539		561	561	561	561	561	561	469		8	547

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926		823	823	823	823	823	823	854		8	840
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244		1118	1118	1118	1118	1118	1118	1239		8	1149
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699		1278	1278	1278	1278	1278	1278	1461		8	1354
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195		1809	1809	1809	1809	1809	1809	2150		8	1900
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511		2093	2093	2093	2093	2093	2093	2494		8	2195
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829		2401	2401	2401	2401	2401	2401	2838		8	2509
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147		2719	2719	2719	2719	2719	2719	2845		8	2788
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680		3585	3585	3585	3585	3585	3585	4215		8	3676
Note: Splice enclosure disassemble/re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																
92 - Cable risers, incl pipe and molding ea.	Communication	283			430		318	318	318	318	318	318	178		8	315
93 - Underground and terminal facilities: Where the location of a pole makes reconstruction of cable plant necessary, the engineer is to estimate the cost (exclusive of material) and include same under this item number in the billing. (Sec 1.2 by special agreement)																
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1384			1779		1851	1851	1851	1851	1851	1851	257		8	1643
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956		3000	3000	3000	3000	3000	3000	520		8	2560
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113		3832	3832	3832	3832	3832	3832	648		8	3219
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271		4417	4417	4417	4417	4417	4417	776		8	3694
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456		5794	5794	5794	5794	5794	5794	1040		8	4782
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097		8035	8035	8035	8035	8035	8035	1553		8	6607
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630		15116	15116	15116	15116	15116	15116	3888		8	12527
94-A-8 Any size above and beyond by special agreement Section 1.2																
97- Transfer meter curcuit breaker box/disconnect box	Communication	883			209		810	810	810	810	810	810	1051		8	765
109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under Section 1.2.																
INSTALLATION COSTS - GUYS AND ANCHORS -----																
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558	450	450	450	450	450	450	614	557	11	464
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439	450	450	450	450	450	450	614	269	11	428
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174	450	450	450	450	450	450	13	443	11	346
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558	450	450	450	450	450	450	13	339	11	362
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212		360	99	450	450	450	450	450	450	13	55	11	313
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																
111 - A Anchors-expanding plate(handDig)	Both	974	1079		949	1435	810	810	810	810	810	810	614	1829	11	979
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782	810	810	810	810	810	810	614	524	11	701
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567	810	810	810	810	810	810	614		11	736
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467	810	810	810	810	810	810	614	336	11	672
111 - E Anchors-Concreting an anchor	Both	337	584		427	0	281	281	281	281	281	281	614		9	368
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0	233	233	233	233	233	233	614		9	245
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0	672	672	672	672	672	672	614	1280	10	616
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156		115	0	356	356	356	356	356	356	614	367	10	339
NOTE: Actual size of anchor needs to be noted on JPA along with the appropriate item number for type. Items 111 (g), and (h) are calculated at 70% of Item 111 (a) and (b) respectively.																

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	297	0		618	0	270	270	270	270	270	270	614	328	9	353
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359	270	270	270	270	270	270	614	346	11	339
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0	270	270	270	270	270	270	614	354	9	356
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	272	0		150	0	270	270	270	270	270	270	614	240	9	292
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	471	653		484	0	450	450	450	450	450	450	614	451	10	490
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0	810	810	810	810	810	810	614	778	10	752
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117	450	450	450	450	450	450	614		10	565
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672	990	990	990	990	990	990	614		10	957
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0	540	540	540	540	540	540	614	226	10	600
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0	540	540	540	540	540	540	614		9	643
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897	540	540	540	540	540	540	614		10	675
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).																
INSTALLATION COSTS - POWER CIRCUITS -----																
120 Crossarms, standard line (pins and insulators are extra): These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)																
120 - A 0-7.5KV single WOOD arm	Power	316				371								278	2	324
CF ARM	Power	463				505									1	505
Plus conductor	Power	206				212								217	2	215
120 - B 0-7.5KV Double WOOD arm	Power	619				697								563	2	630
CF ARM	Power	889				966									1	966
Plus conductor	Power	206				212								217	2	215
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684								825	2	1254
CF ARM	Power	1347				1953									1	1953
Plus conductor	Power	250				212								217	2	215
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0								332	1	332
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086								672	2	879
CF ARM	Power	799				1279									1	1279
Plus conductor	Power	250				310								217	2	264
120 - F 7.6-15KV Single WOOD arm	Power	302				0								302	1	302
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - G 7.6-15KV Double WOOD arm	Power	602				0								602	1	602
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - H 7.6-15KV WOOD Sidearm-single	Power	333				0								333	1	333
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0								670	1	670
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - J Crossarms- WOOD , standard line-16-115KV Single arm	Power	613				525									1	525
CF ARM	Power	705				659									1	659
16-34KV	Power	255				212								315	2	264
66-115KV	Power	315				0								315	1	315
120 - K Crossarms- WOOD , standard line-16-115KV Double arm	Power	802				1348								631	2	990
CF ARM	Power	780				1617									1	1617
16-34KV	Power	482				212								631	2	422
66-115KV	Power	631				0								631	1	631
120 - L Crossarms- WOOD , standard line-16-115KV Double arm w/rein brckets	Power	1089				2172								865	2	1518
CF ARM	Power	1567				2441									1	2441
16-34KV	Power	865				212								865	2	539
66-115KV	Power	865				0								865	1	865

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
120 -M Crossarms- WOOD , standard line-16-115KV Sidearm single	Power	460				0								460	1	460
CF ARM	Power					0										No Price
16-34KV	Power	460				0								460	1	460
66-115KV	Power	460				0								460	1	460
120 -N Crossarms- WOOD , standard line-16-115KV Sidearm Double	Power	785				1737								706	2	1222
CF ARM	Power	1438				1930									1	1930
16-34KV	Power	495				310								706	2	508
66-115KV	Power	706				0								706	1	706
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	1556				1030								2497	2	1763
Plus conductor	Power	250				310								217	2	264
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668									1	1668
Plus conductor	Power	250				310								217	2	264
NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.																
122 -A Insulators incl. Pins/hardware/0-7.5kV pin type ea	Power	99				142								72	2	107
122 -B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104				0								104	1	104
122 -C Insulators incl. Pins/hardware/34kV pin type ea	Power	271				446								141	2	294
122 -D Insulators incl. Pins/hardware/66kV pin type ea	Power	266				0								266	1	266
122 -E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131				0								131	1	131
122 -F Insulators incl. Pins/hardware/34kV post type ea	Power	293				474								142	2	308
122 -G Insulators incl. Pins/hardware/66kV post type ea	Power	390				0								390	1	390
122 -H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181				0								181	1	181
122 - I Silicone Insulators 0-7.5kV pin type, ea	Power					0										Delete. No price submitted.
122 - J Silicone Insulators 11 or 16kV pin type, ea	Power					0										Delete. No price submitted.
122 - K Silicone Insulators 34kV pin type, ea	Power					0										Delete. No price submitted.
122 - L Silicone Insulators 66kV pin type, ea	Power					0										Delete. No price submitted.
122 - M Silicone Insulators 11 and 16kV post type, ea	Power					0										Delete. No price submitted.
122 - N Silicone Insulators 34kV post type, each	Power					0										Delete. No price submitted.
122 - O Silicone Insulators 66kV post type, ea	Power					0										Delete. No price submitted.
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power					0										Delete. No price submitted.
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	103				155								64	2	109
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	121				198								81	2	139
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0								81	1	81
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0								155	1	155
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0								373	1	373
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290								537	2	414
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324								585	2	455

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0								1072	1	1072
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	1135				0								1135	1	1135
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	172				201									1	201
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	303				324									1	324
NOTE:																
Add \$74 for each additional insulator on items (c) to (d).	Power	74				0								74	1	74
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0								165	1	165
Add \$180 for each additional insulator on item (g).	Power	180				0								180	1	180
Add \$246 for each additional insulator on item (h).	Power	246				0								246	1	246
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0								262	1	262
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206								241	2	224
Plus conductor ea.	Power	183				163								217	2	190
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	156				155								170	2	162
Plus triplex conductor ea.	Power	185				163								220	2	192
125 - Ground assembly, complete	Power	462				574								409	2	491
Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.																
126-A Support: single insulator, fiberglass	Power	216				228									1	228
126-B Support: Double insulator, fiberglass	Power	265				309									1	309
126-C Support: Triple insulator, fiberglass	Power	178				0										Use 2015-2016 price
126-D Support: Pole Top insulator, fiberglass	Power	220				238									1	238
127 Support, single dead end fiberglass	Power	225				237									1	237
128-A Insulator mounting bracket-single(vert or Hort)	Power	292				468									1	468
128-B Insulator mounting bracket-Double(vertical)	Power	292				937									1	937
128-C Insulator mounting bracket-Single over 40KV	Power	841				0								841	1	841
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power	550				0										Use 2015-2016 price
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power	491				0										Use 2015-2016 price
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308				0										Use 2015-2016 price
131 Insulator assembly bracket for endarm mounting	Power	646				411								946	2	679
132-A mounting bracket: two transformers	Power	389				480								320	2	400
132-B mounting bracket: three transformers	Power	599				673								453	2	563
NOTE: Refer to Item 120 for conductor cost.																
149 - Installation of power line equip. not listed-Special Agreement 1.2.																
INSTALLATION COSTS - COMMUNICATION CIRCUITS -----																
159 -Semi-circular cable guard ("U" guard): installation	Communication	163			150		180	180	180	180	180	180	203		8	179
160 - A Crossarms-single wood service	Communication	234			310		270	270	270	270	270	270	101		8	254
160-B Crossarms-Double wood service	Communication	261			492		270	270	270	270	270	270	101		8	277
160-C Crossarms/Composite Fiberglass Arm	Communication	232			0		270	270	270	270	270	270	101		7	246
160-D Crossarms-Attach to existing arm no charge	Communication															
161 - A Guardarm-single wood service	Communication	243			310		270	270	270	270	270	270	101		8	254
161-B -Guardarms-Double wood service	Communication	280			492		360	360	360	360	360	360	101		8	344
161-C -Guardarms-Composite Fiberglass	Communication	225			0		270	270	270	270	270	270	101		7	246
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91			130		45	45	45	45	45	45	34		8	54
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49			66		45	45	45	45	45	45	34		8	46
164 - A Cable arm(install or attach to existing)-Single WOOD arm W/one cable	Communication	233			308		270	270	270	270	270	270	101		8	254
CF ARM	Communication	188			0		200	200	200	200	200	200	101		7	186
164 - B Cable arm(install or attach to existing)-Double WOOD arm W/one cable	Communication	253			423		270	270	270	270	270	270	101		8	268
CF ARM	Communication	200			0		200	200	200	200	200	200	101		7	186

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SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

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

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790
TCA		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790
SPR		65.00	6.00	12.00	1170.00	480.00 (**)		468.00	78.00	175.50	2372	1	480	2372
FON		65.00	6.00	12.00	1170.00	480.00 (**)		468.00	78.00	175.50	2372	1	480	2372
NXT	4	237.38	2.00	6.00	1899.04	1223.49			147.13		3270	1	1223	3270
PBM		63.00	10.50	16.80	1719.90	488.25 **	*	*	*	*	2208	1	488	2208
	Salvage	607								TOTALS	13800	6	3643	13800
									Wgt Ave		2300		607	
	2016	PROP.	%											
	PRICE	2017	CHG.											
	2438	2300	-6											

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	4	2477	7906
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976
SPR		65.00	6.00	12.00	1170.00	560.00 (**)		468.00	78.00	175.50	2452	1	560	2452
FON		65.00	6.00	12.00	1170.00	560.00 (**)		468.00	78.00	175.50	2452	1	560	2452
NXT	4	237.38	2.00	6.00	1899.04	1371.98			147.13		3418	1	1372	3418
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230
PBM		63.00	10.50	18.90	1852.2	611.10 **	*	*	*	*	2463	1	611	2463
	Salvage	760								TOTALS	18967	10	7599	24897
									Wgt Ave		2490		760	
	2016	PROP.	%											
	PRICE	2017	CHG.											
	2518	2490	-1											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166	2	1509	4332	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75	*	N/A	174.64	2166	1	754	2166	TCA
SPR		65.00	6.00	12.00	1170.00	625.00	(**)	468.00	78.00	175.50	2517	1	625	2517	SPR
FON		65.00	6.00	12.00	1170.00	625.00	(**)	468.00	78.00	175.50	2517	1	625	2517	FON
NXT	4	237.38	2.00	6.00	1899.04	1523.22			147.13		3569	1	1523	3569	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
PBM		63.00	10.50	18.90	1852.20	756.00	**	*	*	*	2608	1	756	2608	PBM
V	2	92.58	1.00	4.00	462.9	410.00	41	416	200	100	1630	1	410	1630	V
											0	0	0	0	
	Salvage	845								TOTALS	21402	9	7602	23568	
									Wgt Ave		2619		845		

2016	PROP.	%
PRICE	2017	CHG.
2508	2619	4

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887	3	2943	8660	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44	*	N/A	238.14	2887	1	981	2887	TCA
SPR		65.00	8.00	14.00	1430.00	728.00	(**)	572.00	78.00	214.50	3023	1	728	3023	SPR
FON		65.00	8.00	14.00	1430.00	728.00	(**)	572.00	78.00	214.50	3023	1	728	3023	FON
NXT	4	237.38	2.00	6.00	1899.04	1673.08			147.13		3719	1	1673	3719	NXT
PBM		63.00	10.50	27.30	2381.40	924.00	**	*	*	*	3305	1	924	3305	PBM
V	2	92.58	1.00	4.00	462.90	450.00	45.00	416.00	200.00	100.00	1674	1	450	1674	V
V	1	92.58	1.00	4.00	462.90	570.00	57.00	416.00	200.00	100.00	1806	1	570	1806	V
	Salvage	900								TOTALS	22323	10	8998	28096	
									Wgt Ave		2810		900		

2016	PROP.	%
PRICE	2017	CHG.
2741	2810	3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	4	4988	13416
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354
SPR		65.00	8.00	18.00	1690.00	985.00	(**)	676.00	78.00	253.50	3683	2	1970	7365
FON		65.00	8.00	18.00	1690.00	985.00	(**)	676.00	78.00	253.50	3683	1	985	3683
NXT	4	237.38	2.00	6.00	1899.04	1828.44			147.13		3875	1	1828	3875
PBM		63.00	10.50	29.40	2513.70	1092.00	**	*	*	*	3606	5	5460	18029
V	1	92.58	1.00	5.00	555.48	750.00	75.00	416.00	200.00	100.00	2096	1	750	2096
V	H4	92.58	1.00	5.00	555.48	1300.00	130.00	416.00	200.00	100.00	2701	1	1300	2701
	Salvage	1158								TOTALS	26351	16	18528	54519
									Wgt Ave		3407		1158	

2016	PROP.	%
PRICE	2017	CHG.
2806	3407	21

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017
SPR		65.00	10.00	20.00	1950.00	1025.00	(**)	780.00	78.00	292.50	4126	1	1025	4126
FON		65.00	10.00	20.00	1950.00	1025.00	(**)	780.00	78.00	292.50	4126	1	1025	4126
PBM		63.00	10.50	35.70	2910.60	1260.00	**	*	*	*	4171	4	5040	16682
V	1	92.58	1.00	8.00	833.22	900.00	90.00	416.00	200.00	100.00	2539	33	29700	83794
V	H2	92.58	1.00	8.00	833.22	1450.00	145.00	416.00	200.00	100.00	3144	1	1450	3144
V	H5	92.58	1.00	8.00	833.22	1750.00	175.00	416.00	200.00	100.00	3474	1	1750	3474
	Salvage	993								TOTALS	29614	43	42703	123381
									Wgt Ave		2869		993	

2016	PROP.	%
PRICE	2017	CHG.
3760	2869	-24

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

55' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen		NO. OF POLES	F.O.B.	TOTAL COSTS	TOTAL COSTS
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL				
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	2	3041	8723	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	1	1520	4362	TCA
SPR		65.00	10.00	26.00	2340.00	1530.00 (**)		936.00	78.00	351.00	5235	1	1530	5235	SPR
FON		65.00	10.00	26.00	2340.00	1530.00 (**)		936.00	78.00	351.00	5235	1	1530	5235	FON
PBM		63.00	10.50	39.90	3175.20	1443.75 **	*	*	*	*	4619	1	1444	4619	PBM
V	1	92.58	1.00	8.00	833.22	975.00	97.50	416.00	200.00	100.00	2622	33	32175	86517	V
V	H2	92.58	1.00	8.00	833.22	1500.00	150.00	416.00	200.00	100.00	3199	1	1500	3199	V
	Salvage	1068								TOTALS	29633	40	42740	117890	
									Wgt Ave		2947		1068		

2016 PRICE	PROP. 2017	% CHG.
3892	2947	-24

60' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen		NO. OF POLES	F.O.B.	TOTAL COSTS	TOTAL COSTS
MBR	A.S.A CLASS	LABOR RATE	TRANS. HDLING	DIG ERECT	LABOR DOLLARS	COST F.O.B.	SUPPLY EXP	EQUIP EXPENSE	and PLNG	& Adm	TOTAL				
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	ATC
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	TCA
SPR		65.00	10.00	30.00	2600.00	2100.00 (**)		1340.00	78.00	390.00	6508	1	2100	6508	SPR
FON		65.00	10.00	30.00	2600.00	2100.00 (**)		1340.00	78.00	390.00	6508	1	2100	6508	FON
V	1	92.58	1.00	8.00	833.22	1400.00	140.00	548.00	200.00	100.00	3221	7	9800	22549	V
V	H2	92.58	1.00	8.00	833.22	1900.00	190.00	548.00	200.00	100.00	3771	1	1900	3771	V
V	H5	92.58	1.00	8.00	833.22	2300.00	230.00	548.00	200.00	100.00	4211	1	2300	4211	V
	Salvage	1661								TOTALS	34005	13	21587	53332	
									Wgt Ave		4102		1661		

2016 PRICE	PROP. 2017	% CHG.
4334	4102	-5

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242
SPR		65.00	18.00	38.00	3640.00	2480.00	(**)	1876.00	78.00	546.00	8620	1	2480	8620
FON		65.00	18.00	38.00	3640.00	2480.00	(**)	1876.00	78.00	546.00	8620	1	2480	8620
V	2	92.58	1.00	8.50	879.51	1650.00	165.00	548.00	200.00	100.00	3543	6	9900	21255
V	1	92.58	1.00	8.50	879.51	1660.00	166.00	548.00	200.00	100.00	3554	1	1660	3554
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	1	1850	3763
	Salvage	1855								TOTALS	38583	12	22256	56296
									Wgt Ave		4691		1855	

2016	PROP.	%
PRICE	2017	CHG.
5560	4691	-16

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693
SPR		75.00	20.00	40.00	4500.00	2750.00	(**)	2010.00	78.00	675.00	10013	1	2750	10013
FON		75.00	20.00	40.00	4500.00	2750.00	(**)	2010.00	78.00	675.00	10013	1	2750	10013
V	2	92.58	1.00	9.00	925.80	1650.00	165.00	548.00	200.00	100.00	3589	4	6600	14355
V	1	92.58	1.00	9.00	925.80	1780.00	178.00	548.00	200.00	100.00	3732	1	1780	3732
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	H5	92.58	1.00	9.00	925.80	2950.00	295.00	548.00	200.00	100.00	5019	1	2950	5019
	Salvage	2316								TOTALS	51858	11	25473	62624
									Wgt Ave		5693		2316	

2016	PROP.	%
PRICE	2017	CHG.
7384	5693	-23

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		75.00	20.00	46.00	4950.00	3100.00	(**)	2211.00	78.00	742.50	11082	1	3100	11082
FON		75.00	20.00	46.00	4950.00	3100.00	(**)	2211.00	78.00	742.50	11082	1	3100	11082
V	1	92.58	1.25	9.00	948.95	1720.00	172.00	736.00	200.00	100.00	3877	2	3440	7754
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	1	2200	4405
	Salvage	2368								TOTALS	30445	5	11840	34322
	2016	PROP.	%						Wgt Ave		6864			
	PRICE	2017	CHG.											
	7484	6864	-8											

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	30.00	60.00	7650.00	3500.00	(**)	3015.00	78.00	1147.50	15391	1	3500	15391
FON		85.00	30.00	60.00	7650.00	3500.00	(**)	3015.00	78.00	1147.50	15391	1	3500	15391
V	1	92.58	1.25	9.00	948.95	2890.00	289.00	736.00	200.00	100.00	5164	1	2890	5164
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230
	Salvage	3210								TOTALS	41175	4	12840	41175
									Wgt Ave		10294			
	2016	PROP.	%											
	PRICE	2017	CHG.											
	11806	10294	-13											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	30.00	66.00	8160.00	4200.00	(**)	3600.00	78.00	1224.00	17262	1	4200	17262
FON		85.00	30.00	66.00	8160.00	4200.00	(**)	3600.00	78.00	1224.00	17262	1	4200	17262
V	1	92.58	1.25	10.00	1041.53	2910.00	291.00	736.00	200.00	100.00	5279	1	2910	5279
V	H2	92.58	1.25	10.00	1041.53	3300.00	330.00	736.00	200.00	100.00	5708	1	3300	5708
	Salvage	3653								TOTALS	45510	4	14610	45510
	2016	PROP.	%						Wgt Ave		11378			
	PRICE	2017	CHG.											
	16561	11378	-31											

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901
FON		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901
V	2	92.58	1.25	10.00	1041.53	3600.00	360.00	736.00	200.00	100.00	6038	1	3600	6038
V	1	92.58	1.25	10.00	1041.53	3800.00	370.00	736.00	200.00	100.00	6248	1	3800	6248
V	H2	92.58	1.25	10.00	1041.53	3800.00	370.00	736.00	200.00	100.00	6248	1	3800	6248
V	H3	92.58	1.25	10.00	1041.53	3950.00	395.00	736.00	200.00	100.00	6423	1	3950	6423
													0	0
	Salvage	4082								TOTALS	64756	6	24490	64756
	2016	PROP.	%						Wgt Ave		10793			
	PRICE	2017	CHG.											
	19648	10793	-45											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	50.00	80.00	11050.00	6000.00	(**)	5200.00	78.00	1657.50	23986	1	6000	23986
FON		85.00	50.00	80.00	11050.00	6000.00	(**)	5200.00	78.00	1657.50	23986	1	6000	23986
V	1	92.58	1.25	10.00	1041.53	2600.00	260.00	736.00	200.00	100.00	4938	1	2600	4938
V	H2	92.58	1.25	10.00	1041.53	2900.00	470.00	736.00	200.00	100.00	5448	1	2900	5448
	Salvage	4375												
										TOTALS	58356	4	17500	58356
									Wgt Ave		14589			

2016	PROP.	%
PRICE	2017	CHG.
23687	14589	-38

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	60.00	80.00	11900.00	7000.00	(**)	6300.00	78.00	1785.00	27063	1	7000	27063
FON		85.00	60.00	80.00	11900.00	7000.00	(**)	6300.00	78.00	1785.00	27063	1	7000	27063
V	2	92.58	1.25	11.00	1134.11	3000.00	470.00	736.00	200.00	100.00	5640	1	3000	5640
V	1	92.58	1.25	11.00	1134.11	3200.00	470.00	736.00	200.00	100.00	5840	1	3200	5840
V	H3	92.58	1.25	11.00	1134.11	6450.00	470.00	736.00	200.00	100.00	9090	1	6450	9090
	Salvage	5330												
										TOTALS	74696	5	26650	74696
									Wgt Ave		14939			

2016	PROP.	%
PRICE	2017	CHG.
26741	14939	-44

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118	SPR
FON		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118	FON
											0		0	0	
	Salvage	8000								TOTALS	60236	2	16000	60236	
									Wgt Ave		30118				

2016	PROP.	%
PRICE	2017	CHG.
29750	30118	1

NOTES:

ATC	Equipment expense included in column Direct Labor (loaded)
TCA	Equipment expense included in column Direct Labor (loaded)
SPR	Supply expense included in column Material Cost (FOB)
FON	Supply expense included in column Material Cost (FOB)
PBM	Supply expense included in column Material Cost (FOB); Equipment Expense, Engineering/Planning, General & Admin included in Direct Labor (loaded)

**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
Gerald Wayne Brown
(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
25' / 5	\$236.70	4.00	8.20	\$2,887.74	\$249.96	\$21.37	*	\$236.70	\$476.43	\$3,872.20	3,572	8.40%	250
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$324.42	\$27.74	*	\$236.70	\$487.77	\$3,964.37	3,674	7.90%	324
35' / 3	\$236.70	4.00	8.20	\$2,887.74	\$544.46	\$46.55	*	\$236.70	\$521.28	\$4,236.73	3,971	6.69%	544

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(909) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
40' / 1	\$236.70	4.00	10.40	\$3,408.48	\$845.17	\$72.26	*	\$236.70	\$640.13	\$5,202.74		#DIV/0!	845
40' / 2	\$236.70	4.00	10.40	\$3,408.48	\$746.18	\$63.80	*	\$236.70	\$625.06	\$5,080.22	\$4,856.96	4.60%	746
40' / 3	\$236.70	4.00	10.40	\$3,408.48	\$638.52	\$54.59	*	\$236.70	\$608.66	\$4,946.95		#DIV/0!	639
40' / 4	\$236.70	4.00	10.40	\$3,408.48	\$548.87	\$46.93	*	\$236.70	\$595.01	\$4,835.99		#DIV/0!	549
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$469.75	\$40.16	*	\$236.70	\$582.96	\$4,738.05		#DIV/0!	470
40' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,258.28	\$107.58	*	\$236.70	\$703.05	\$5,714.09	\$5,394.95	5.92%	1,258
40' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,405.33	\$120.16	*	\$236.70	\$725.45	\$5,896.12	\$5,492.30	7.35%	1,405
40' / H3	\$236.70	4.00	10.40	\$3,408.48	\$1,693.70	\$144.81	*	\$236.70	\$769.36	\$6,253.05	\$5,908.61	5.83%	1,694

**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
Gerald Wayne Brown
(951) 323 2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
45' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,194.97	\$102.17	*	\$236.70	\$693.41	\$5,635.73		#DIV/0!	1,195
45' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,061.30	\$90.74	*	\$236.70	\$673.05	\$5,470.27	\$5,119.32	6.86%	1,061
45' / 3	\$236.70	4.00	10.40	\$3,408.48	\$799.11	\$68.32	*	\$236.70	\$633.12	\$5,145.73		#DIV/0!	799
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$647.32	\$55.35	*	\$236.70	\$610.00	\$4,957.85		#DIV/0!	647
45' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
45' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,463.47	\$125.13	*	\$236.70	\$734.30	\$5,968.08	\$5,584.07	6.88%	1,463
45' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,747.88	\$149.44	*	\$236.70	\$777.61	\$6,320.11	\$5,959.26	6.06%	1,748
45' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,014.90	\$172.27	*	\$236.70	\$818.28	\$6,650.63	\$6,279.07	5.92%	2,015
45' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,309.24	\$197.44	*	\$236.70	\$944.47	\$7,676.25	\$7,187.94	6.79%	2,309
45' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,489.78	\$212.88	*	\$236.70	\$971.96	\$7,899.72	\$7,455.24	5.96%	2,490

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,374.77	\$117.54	*	\$236.70	\$720.79	\$5,858.28		#DIV/0!	1,375
50' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,138.62	\$97.35	*	\$236.70	\$684.83	\$5,565.98	\$5,368.59	3.68%	1,139
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$920.44	\$78.70	*	\$236.70	\$651.60	\$5,295.92		#DIV/0!	920
50' / 4	\$236.70	4.00	10.40	\$3,408.48	\$815.65	\$69.74	*	\$236.70	\$635.64	\$5,166.21		#DIV/0!	816
50' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
50' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,718.52	\$146.93	*	\$236.70	\$773.14	\$6,283.77	\$5,921.60	6.12%	1,719
50' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,974.19	\$168.79	*	\$236.70	\$812.08	\$6,600.24	\$6,235.16	5.86%	1,974
50' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,297.83	\$196.46	*	\$236.70	\$861.37	\$7,000.84	\$6,655.45	5.19%	2,298
50' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,580.34	\$220.62	*	\$236.70	\$985.76	\$8,011.82	\$7,525.76	6.46%	2,580
50' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,853.04	\$243.94	*	\$236.70	\$1,027.29	\$8,349.37	\$7,901.08	5.67%	2,853

**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
Gerald Wayne Brown
(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
55' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,653.63	\$141.39	*	\$236.70	\$763.26	\$6,203.46		#DIV/0!	1,654
55' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,209.42	\$103.41	*	\$236.70	\$695.61	\$5,653.62	\$5,553.02	1.81%	1,209
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$998.31	\$85.36	*	\$236.70	\$663.46	\$5,392.31		#DIV/0!	998
55' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
55' / 5	\$236.70	4.00	10.40	\$3,408.48	\$700.62	\$59.90	*	\$236.70	\$618.12	\$5,023.82		#DIV/0!	701
55' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,895.78	\$162.09	*	\$236.70	\$800.14	\$6,503.19	\$6,161.63	5.54%	1,896
55' / H2	\$236.70	4.00	10.40	\$3,408.48	\$2,182.62	\$186.61	*	\$236.70	\$843.82	\$6,858.23	\$6,516.68	5.24%	2,183
55' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,647.13	\$226.33	*	\$236.70	\$995.93	\$8,094.49	\$7,698.59	5.14%	2,647
55' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,842.92	\$243.07	*	\$236.70	\$1,025.75	\$8,336.84	\$7,940.94	4.99%	2,843
55' / H5	\$236.70	4.25	12.60	\$3,988.40	\$3,210.57	\$274.50	*	\$236.70	\$1,081.74	\$8,791.91	\$8,396.01	4.72%	3,211

**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
Gerald Wayne Brown
(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
60' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,744.15	\$149.12	*	\$236.70	\$777.04	\$6,315.49	\$6,227.83	1.41%	1,744
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,424.63	\$121.81	*	\$236.70	\$728.38	\$5,920.00		#DIV/0!	1,425
60' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,321.35	\$198.48	*	\$236.70	\$946.31	\$7,691.24	\$7,347.38	4.68%	2,321
60' / H2	\$236.70	4.25	12.60	\$3,988.40	\$2,545.83	\$217.67	*	\$236.70	\$980.50	\$7,969.10	\$7,712.19	3.33%	2,546
60' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,911.22	\$248.91	*	\$236.70	\$1,036.15	\$8,421.38	\$8,152.26	3.30%	2,911
60' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,234.57	\$276.56	*	\$236.70	\$1,085.39	\$8,821.62	\$8,536.99	3.33%	3,235
60' / H5	\$236.70	4.25	15.50	\$4,674.83	\$3,566.40	\$304.93	*	\$236.70	\$1,232.24	\$10,015.10	\$9,691.67	3.34%	3,566

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951)323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
65' / 1	\$236.70	4.00	10.40	\$3,408.48	\$2,272.07	\$194.26	*	\$236.70	\$857.44	\$6,968.95	\$6,743.32	3.35%	2,272
65' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,887.35	\$161.37	*	\$236.70	\$798.85	\$6,492.75		#DIV/0!	1,887
65' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 5	\$236.70	4.00	10.40	\$3,408.48	\$674.64	\$57.68	*	\$236.70	\$614.16	\$4,991.66		#DIV/0!	675
65' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,619.88	\$224.00	*	\$236.70	\$991.78	\$8,060.76	\$7,757.39	3.91%	2,620
65' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,033.43	\$259.36	*	\$236.70	\$1,054.76	\$8,572.65	\$8,319.50	3.04%	3,033
65' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,386.79	\$289.57	*	\$236.70	\$1,108.58	\$9,010.04	\$8,641.03	4.27%	3,387
65' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,777.14	\$322.95	*	\$236.70	\$1,168.02	\$9,493.21	\$9,186.69	3.34%	3,777
65' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,148.91	\$354.73	*	\$236.70	\$1,320.95	\$10,736.12	\$9,905.72	8.38%	4,149

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
70' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,556.67	\$218.60	*	\$236.70	\$982.15	\$7,982.52	\$7,750.90	2.99%	2,557
70' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,170.44	\$185.57	*	\$236.70	\$841.97	\$6,843.16		#DIV/0!	2,170
70' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,868.38	\$245.25	*	\$236.70	\$1,029.62	\$8,368.35	\$7,788.51	7.44%	2,868
70' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,295.93	\$281.80	*	\$236.70	\$1,094.74	\$8,897.57	\$8,353.66	6.51%	3,296
70' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,733.78	\$319.24	*	\$236.70	\$1,161.42	\$9,439.54	\$8,679.36	8.76%	3,734
70' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,283.61	\$366.25	*	\$236.70	\$1,341.46	\$10,902.85	\$9,948.14	9.60%	4,284
70' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,640.33	\$396.75	*	\$236.70	\$1,395.79	\$11,344.40		#DIV/0!	4,640

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
75' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,888.96	\$247.01	*	\$236.70	\$1,032.76	\$8,393.83	\$8,142.36	3.09%	2,889
75' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,390.18	\$204.36	*	\$236.70	\$875.43	\$7,115.15		#DIV/0!	2,390
75' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 5	\$236.70	4.00	10.40	\$3,408.48	\$835.75	\$71.46	*	\$236.70	\$638.70	\$5,191.09		-36.25%	836
75' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,174.41	\$271.41	*	\$236.70	\$1,076.23	\$8,747.15	\$8,484.37	3.10%	3,174
75' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,730.23	\$318.93	*	\$236.70	\$1,160.88	\$9,435.14	\$9,076.81	3.95%	3,730
75' / H3	\$236.70	4.25	12.60	\$3,988.40	\$4,198.43	\$358.97	*	\$236.70	\$1,232.18	\$10,014.68	\$9,547.36	4.89%	4,198
75' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,847.99	\$414.50	*	\$236.70	\$1,427.41	\$11,601.43	\$11,037.08	5.11%	4,848
75' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,665.19	\$484.37	*	\$236.70	\$1,551.87	\$12,612.96	\$11,662.16	8.15%	5,665

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
80' / 1	\$236.70	4.25	12.60	\$3,988.40	\$1,921.51	\$164.29	*	\$236.70	\$885.42	\$7,196.32	\$8,760.74	-17.86%	1,922
80' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-52.55%	0
80' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,692.44	\$315.70	*	\$236.70	\$1,155.12	\$9,388.36	\$8,873.23	5.81%	3,692
80' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,130.61	\$353.17	*	\$236.70	\$1,318.16	\$10,713.47	\$10,358.98	3.42%	4,131
80' / H3	\$236.70	4.25	15.50	\$4,674.83	\$4,750.22	\$406.14	*	\$236.70	\$1,412.52	\$11,480.41	\$10,889.86	5.42%	4,750
80' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,329.08	\$455.64	*	\$236.70	\$1,500.68	\$12,196.93	\$11,559.10	5.52%	5,329
80' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,149.42	\$525.77	*	\$236.70	\$1,625.62	\$13,212.34	\$12,396.10	6.58%	6,149

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
85' / 1	\$236.70	4.25	12.60	\$3,988.40	\$3,400.56	\$290.75	*	\$236.70	\$1,110.67	\$9,027.08	\$9,181.49	-1.68%	3,401
85' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,584.27	\$135.46	*	\$236.70	\$752.70	\$6,117.61		-33.37%	1,584
85' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,113.35	\$351.69	*	\$236.70	\$1,315.53	\$10,692.10	\$9,910.66	7.88%	4,113
85' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,220.06	\$360.82	*	\$236.70	\$1,331.79	\$10,824.20	\$10,794.92	0.27%	4,220
85' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,053.91	\$432.11	*	\$236.70	\$1,458.78	\$11,856.33	\$11,369.91	4.28%	5,054
85' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,796.78	\$495.62	*	\$236.70	\$1,571.91	\$12,775.84	\$12,199.73	4.72%	5,797
85' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,665.38	\$569.89	*	\$236.70	\$1,704.20	\$13,851.00	\$13,261.94	4.44%	6,665

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
90' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,087.03	\$349.44	*	\$236.70	\$1,311.52	\$10,659.52	\$10,661.12	-0.02%	4,087
90' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,249.68	\$363.35	*	\$236.70	\$1,336.30	\$10,860.86	\$10,629.59	2.18%	4,250
90' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,669.21	\$399.22	*	\$236.70	\$1,400.19	\$11,380.15	\$10,314.60	10.33%	4,669
90' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,393.87	\$461.18	*	\$236.70	\$1,510.55	\$12,277.13	\$12,134.11	1.18%	5,394
90' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,394.71	\$546.75	*	\$236.70	\$1,662.97	\$13,515.96	\$12,982.16	4.11%	6,395
90' / H5	\$236.70	4.25	15.50	\$4,674.83	\$7,080.36	\$605.37	*	\$236.70	\$1,767.40	\$14,364.66	\$14,122.71	1.71%	7,080

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

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
95' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,218.09	\$360.65	*	\$236.70	\$1,331.48	\$10,821.75	\$11,080.79	-2.34%	4,218
95' / 2	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 3	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		-100.00%	0
95' / H1	\$236.70	4.25	15.50	\$4,674.83	\$3,204.97	\$274.02	*	\$236.70	\$1,177.19	\$9,567.71	\$11,342.52	-15.65%	3,205
95' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,638.12	\$396.56	*	\$236.70	\$1,395.45	\$11,341.66	\$11,756.50	-3.53%	4,638
95' / H3	\$236.70	4.25	15.50	\$4,674.83	\$3,997.24	\$341.76	*	\$236.70	\$1,297.85	\$10,548.38	\$12,647.40	-16.60%	3,997
95' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,832.09	\$584.14	*	\$236.70	\$1,729.58	\$14,057.34	\$13,518.88	3.98%	6,832
95' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,515.70	\$471.59	*	\$236.70	\$1,529.10	\$12,427.92	\$14,708.82	-15.51%	5,516

**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

Gerald Wayne Brown

(951) 323-2354

2017 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. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----			
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$864.16	\$73.89	*	\$236.70	\$528.12	\$4,590.61	\$4,372.06	5.00%	864
35' / 5	\$236.70	4.00	8.20	\$2,887.74	\$1,690.25	\$144.52	*	\$236.70	\$644.70	\$5,603.91	\$5,394.77	3.88%	1,690
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,945.58	\$166.35	*	\$236.70	\$748.42	\$6,505.53	\$6,262.29	3.88%	1,946
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$2,092.31	\$178.89	*	\$236.70	\$769.13	\$6,685.51	\$6,449.77	3.66%	2,092
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,572.37	\$219.94	*	\$236.70	\$836.87	\$7,274.36	\$7,044.09	3.27%	2,572
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,885.30	\$246.69	*	\$236.70	\$881.03	\$7,658.20	\$7,499.62	2.11%	2,885
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$5,749.13	\$491.55	*	\$236.70	\$1,285.16	\$11,171.02	\$11,098.81	0.65%	5,749
65' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,361.66	\$458.42	*	\$236.70	\$1,298.18	\$11,284.18	\$11,086.73	1.78%	5,362
70' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,366.39	\$458.83	*	\$236.70	\$1,298.85	\$11,289.99	\$11,092.58	1.78%	5,366
75' / H3	\$236.70	4.00	12.60	\$3,929.22	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
80' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
85' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
90' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
95'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
100'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
105'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
110'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----

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

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

951-323-2354

2017 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. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----	----			
30'	----	----	----	----	----	----	----	----	----	----	----			
35'	----	----	----	----	----	----	----	----	----	----	----			
40' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,152.96	\$269.58	*	\$236.70	\$410.00	\$972.10	\$8,449.82	8,649.36	-2.31%	3,153
45' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,490.66	\$298.45	*	\$236.70	\$410.00	\$1,019.76	\$8,864.05	9,119.97	-2.81%	3,491
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$3,365.95	\$287.79	*	\$236.70	\$580.00	\$1,024.26	\$8,903.18	8,678.00	2.59%	3,366
55' / 1	\$236.70	5.00	10.40	\$3,645.18	\$3,426.43	\$292.96	*	\$236.70	\$580.00	\$1,063.57	\$9,244.84	9,471.41	-2.39%	3,426
60' / 1	\$236.70	5.00	10.40	\$3,645.18	\$4,150.82	\$354.90	*	\$236.70	\$580.00	\$1,165.79	\$10,133.39	10,035.83	0.97%	4,151
65' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,376.16	\$374.16	*	\$236.70	\$850.00	\$1,300.38	\$11,303.32	10,627.10	6.36%	4,376
70' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,610.44	\$394.19	*	\$236.70	\$850.00	\$1,333.44	\$11,590.69	10,903.58	6.30%	4,610
75' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,900.31	\$418.98	*	\$236.70	\$790.00	\$1,366.55	\$11,878.46	11,322.31	4.91%	4,900
80' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,151.84	\$440.48	*	\$236.70	\$790.00	\$1,402.04	\$12,186.98	11,619.85	4.88%	5,152
85' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,409.28	\$462.49	*	\$236.70	\$1,000.00	\$1,465.67	\$12,740.06	12,165.34	4.72%	5,409
90' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,652.00	\$483.25	*	\$236.70	\$1,230.00	\$1,619.06	\$14,073.36	13,467.75	4.50%	5,652
95' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,894.80	\$504.01	*	\$236.70	\$1,230.00	\$1,653.32	\$14,371.18	13,797.31	4.16%	5,895
100' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,144.23	\$525.33	*	\$236.70	\$1,230.00	\$1,688.52	\$14,677.13	13,957.47	5.16%	6,144
105' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,386.65	\$546.06	*	\$236.70	\$1,230.00	\$1,722.73	\$14,974.49	14,234.39	5.20%	6,387
110' / 1	\$236.70	5.00	15.50	\$4,852.35	\$7,254.58	\$620.27	*	\$236.70	\$1,230.00	\$1,845.21	\$16,039.11	15,330.56	4.62%	7,255

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
February 10, 2017

SCJPC Member Utility submitting: **FRONTIER**

Person completing worksheet: **William Kearns**

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

Weighted Average

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.		
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'	2	75	8	11	1425	356	31	*	92	28	1,933	1879.55
	3	75	8	11	1425	297	25	*	92	28	1,868	1814.63
	4	75	8	11	1425	251	21	*	92	28	1,817	1764
	5	75	8	11	1425	220	19	*	92	28	1,784	1731.45
30'	2	75	8	11	1425	474	41	*	92	28	2,061	2007.51
	3	75	8	11	1425	391	33	*	92	28	1,969	1915.89
	4	75	8	11	1425	344	29	*	92	28	1,919	1865.61
	5	75	8	11	1425	289	25	*	92	28	1,860	1806.59
35'	2	75	8	11	1425	569	49	*	92	28	2,163	2110.38
	3	75	8	11	1425	487	42	*	92	28	2,074	2021.37
	4	75	8	11	1425	441	38	*	92	28	2,024	1970.74
	5	75	8	11	1425	336	31	*	92	28	1,912	1859.47
40'	2	75	8	11	1425	712	61	*	92	28	2,319	2265.49
	3	75	8	11	1425	617	51	*	92	28	2,214	2160.62
	4	75	8	11	1425	553	45	*	92	28	2,143	2089.75
	5	75	8	11	1425	450	39	*	92	28	2,034	1981.39
45'	2	75	8	11	1425	868	74	*	92	28	2,487	2434.47
	3	75	8	11	1425	800	67	*	92	28	2,412	2359.03
	4	75	8	11	1425	643	55	*	92	28	2,243	2190.35
	5	75	8	11	1425	560	48	*	92	28	2,153	2099.74
50'	2	75	8	14	1650	1238	87	*	92	28	3,095	3033.81

2/14/2017

	3	75	8	14	1650	873	75	*	92	28	2,718	2656.95
	4	75	8	14	1650	749	64	*	92	28	2,584	2522.14
	5											
55'	2	75	8	14	1650	1359	100	*	92	28	3,229	3167.57
	3	75	8	14	1650	1029	88	*	92	28	2,887	2825.93
	4											
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	3175.53
	3	75	8	14	1650	1150	98	*	92	28	3,018	2956.53
65'	2	75	8	14	1650	1648	141	*	92	28	3,559	3498.01
	3	75	8	14	1650	1319	113	*	92	28	3,202	3140.37
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

City of Burbank

Person completing worksheet:

Ayman Arraj

Call Back Telephone Number & Email:

(818)238-3639

aaraj@burbankca.gov

Weighted Average

Individual Costs

X

(First year)

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
December 30, 2016

SCJPC Member Utility submitting: Pasadena Water & Power

Person completing worksheet: Joe Armstrong

Call Back Telephone Number & Email: 626-744-3705 / jarmstrong@cityofpasadena.net

Weighted Average

Individual Costs

X

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'	5	108.18	8.5	12	2217.69	215.48	64.64	186.94	191.88	1445.74	4322.38	4252.84	2%
30'	5	108.18	8.5	12	2217.69	302.17	90.65	186.94	191.88	1445.74	4435.07	4365.54	2%
35'	5	108.18	8.5	12	2217.69	358.13	107.44	186.94	191.88	1445.74	4507.82	4438.29	2%
40'	5	108.18	8.5	13	2325.87	672.1	201.63	186.94	191.88	1510.65	5089.07	5016.14	1%
45'	3	108.18	8.5	13	2325.87	812.71	243.81	186.94	191.88	1510.65	5271.86	5198.93	1%
50'	3	108.18	8.5	14	2434.05	934.39	280.32	186.94	191.88	1575.56	5603.14	5526.82	1%
55'	2	108.18	8.5	14	2434.05	1095.83	328.75	186.94	191.88	1575.56	5813.01	5720.63	2%
60'	2	108.18	8.5	14	2434.05	1257.1	377.13	186.94	191.88	1575.56	6022.66	5946.34	1%
65'	2	108.18	8.5	14	2434.05	1398.67	419.60	186.94	191.88	1575.56	6206.70	6018.72	3%
70'	2	108.18	8.5	15	2542.23	1891.5	567.45	186.94	191.88	1640.47	7020.47	6834.69	3%
75'	2	108.18	8.5	15	2542.23	2240.71	672.21	186.94	191.88	1640.47	7474.439	7254.14	3%
80'	2	108.18	8.5	16	2650.41	2394.68	718.40	186.94	191.88	1705.37	7847.69	7764.58	1%
85'	2	108.18	8.5	16	2650.41	2660.43	798.13	186.94	191.88	1705.37	8193.16	8110.06	1%
90'	2	108.18	8.5	16	2650.41	2967.56	890.27	186.94	191.88	1705.37	8592.43	8509.33	1%
95'	2	108.18	8.5	16	2650.41	3596.25	1078.88	186.94	191.88	1705.37	9409.73	9326.63	1%
100'	H1	108.18	8.5	16	2650.41	4054.7	1216.41	186.94	191.88	1705.37	10005.71	9922.61	1%
110'	H1	108.18	8.5	16	2650.41	6523.40	1957.02	186.94	191.88	1705.37	13215.024	13131.92	1%

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **SCW (Bear Valley)**

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

xxxxxxx

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	12		
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		\$0.00	0	0	\$0.00						0		
30'		\$0.00	0	0	\$0.00						0		
35'	3	\$94.90	1	4	\$474.50	479.61	0	489.6	206.04	446.6	2096.35	2078.83	1%
40'	1	\$94.90	1	4	\$474.50	824.05	0	489.6	206.04	446.6	2440.79	2187.75	12%
45'	1	\$94.90	1	5	\$569.40	980.13	0	489.6	206.04	446.6	2691.77	2520.01	7%
50'	1	\$94.90	1	8	\$854.10	1115.83	0	489.6	206.04	446.6	3112.17	3859.87	-19%
55'	H3	\$94.90	1	8	\$854.10	2083.38	0	489.6	206.04	446.6	4079.72	3651.54	12%
60'	H2	\$94.90	1	8	\$854.10	1983.3	0	589.96	206.04	446.6	4080	3889.1	5%
65'	H4	\$94.90	1	8.5	\$901.55	2474.73		558.96	206.04	446.6	4587.88	4427.49	4%
70'		\$0.00	0	0	\$0.00						0		
75'		\$0.00	0	0	\$0.00						0		
80'		\$0.00	0	0	\$0.00						0		
85'		\$0.00	0	0	\$0.00						0		
90'		\$0.00	0	0	\$0.00						0		
95'		\$0.00	0	0	\$0.00						0		
100'		\$0.00	0	0	\$0.00						0		
110'		\$0.00	0	0	\$0.00						0		

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: City of Lompoc

Person completing worksheet: David Campo

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

Weighted Average

Individual Costs

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	12		
Pole Length	Pole Class	Direct Labor (Loaded)	Transport & Handling (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	2172	24%
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	2289.72	23%
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	3453.6	-2%
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	2942.28	23%
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	2999.52	28%
55'		0	0	0	0						0		
60'		0	0	0	0						0		
65'		0	0	0	0						0		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **YVONNE JOHNSON**

Call Back Telephone Number & Email: **818-898-2352 YVONNE.JOHNSON@CABLEENG.COM**

Weighted Average

Individual Costs

X

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference	Salvage 2017
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.				
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	1789.77	0%	486
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	1976.48	0%	619
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	2165.81	0%	754
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	2886.71	0%	981
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	3354.03	0%	1247
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	4017.37	0%	1356
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	4246.77	0%	1520
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	4892.69	0%	1693
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	5242.29	0%	1943
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	7693.35	0%	3262
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: AT&T California

Person completing worksheet: Manijeh Carmichael

Call Back Telephone Number & Email: (626) 578-3677 mn2861@att.com

Weighted Average

Individual Costs

X

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		128	1	9	1280	247			151	75	1753	1629	8%
30'		128	1	9	1280	288			151	75	1794	1664	8%
35'		128	1	12	1664	352			151	75	2242	2080	8%
40'		128	1	12	1664	458			151	75	2348	2173	8%
45'		128	1	12	1664	535			151	75	2425	2240	8%
50'		128	1	12	1664	708			151	75	2598	2391	9%
55'		128	1	15	2048	828			151	75	3102	2856	9%
60'		128	1	15	2048	1097			151	75	3371	N/A	#VALUE!
65'		0	0	0	0						0		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

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

(*****)

2/14/2017

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

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2017 Pole Prices worksheet Draft 04 ALL COMBINED
2017 H-T WOOD

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'	3	138.80	4	16.65	\$2,866.22	\$428.00	\$89.88	\$281.01	\$178.64	\$224.81	\$4,069	3448	18%
40'	3	138.80	4	16.65	\$2,866.22	\$522.00	\$109.62	\$281.01	\$178.64	\$224.81	\$4,182	3562	17%
45'	2	138.80	4	16.65	\$2,866.22	\$709.00	\$148.89	\$281.01	\$178.64	\$224.81	\$4,409	3788	16%
50'	2	138.80	4	16.65	\$2,866.22	\$822.00	\$172.62	\$281.01	\$178.64	\$224.81	\$4,545	3925	16%
50'	H3	138.80	4	16.65	\$2,866.22	\$1,615.00	\$339.15	\$281.01	\$178.64	\$224.81	\$5,505	4884	13%
55'	2	138.80	4	16.65	\$2,866.22	\$964.00	\$202.44	\$281.01	\$178.64	\$224.81	\$4,717	4097	15%
55'	H3	138.80	4	16.65	\$2,866.22	\$1,912.00	\$401.52	\$281.01	\$178.64	\$224.81	\$5,864	5244	12%
60'	2	138.80	4	16.65	\$2,866.22	\$1,117.00	\$234.57	\$281.01	\$178.64	\$224.81	\$4,902	4282	14%
65'	2	138.80	4	19.85	\$3,310.38	\$1,322.00	\$277.62	\$324.55	\$178.64	\$259.65	\$5,673	4772	19%
70'	2	138.80	4	19.85	\$3,310.38	\$1,453.00	\$305.13	\$324.55	\$178.64	\$259.65	\$5,831	4931	18%
70'	H3	138.80	4	19.85	\$3,310.38	\$2,810.00	\$590.10	\$324.55	\$178.64	\$259.65	\$7,473	6573	14%
75'	2	138.80	4	19.85	\$3,310.38	\$1,704.00	\$357.84	\$324.55	\$178.64	\$259.65	\$6,135	5234	17%
80'	2	138.80	4	19.85	\$3,310.38	\$1,950.00	\$409.50	\$324.55	\$178.64	\$259.65	\$6,433	5532	16%
85'	2	138.80	4	19.85	\$3,310.38	\$2,191.00	\$460.11	\$324.55	\$178.64	\$259.65	\$6,724	5824	15%
90'	2	138.80	4	19.85	\$3,310.38	\$2,576.00	\$540.96	\$324.55	\$178.64	\$259.65	\$7,190	6289	14%
95'	2	138.80	4	19.85	\$3,310.38	\$2,906.00	\$610.26	\$324.55	\$178.64	\$259.65	\$7,589	6689	13%
100'	2	138.80	4	19.85	\$3,310.38	\$3,308.00	\$694.68	\$324.55	\$178.64	\$259.65	\$8,076	7175	13%
110'	1	138.80	4	19.85	\$3,310.38	\$4,993.00	\$1,048.53	\$324.55	\$178.64	\$259.65	\$10,115	9214	10%

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

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

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

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,315.91	\$276.34	\$281.01	\$178.64	\$224.81	\$5,143	4526	14%
45'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,492.01	\$313.32	\$281.01	\$178.64	\$224.81	\$5,356	4739	13%
50'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,890.09	\$396.92	\$281.01	\$178.64	\$224.81	\$5,838	5222	12%
55'		0	0	0	0						0		#DIV/0!
60'		0	0	0	0						0		#DIV/0!
65'		0	0	0	0						0		#DIV/0!
70'		0	0	0	0						0		#DIV/0!
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!
													#DIV/0!

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Composite Fiberglass Multi Pieces (CM)** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply	Equipment	1 Hour	General &	Total Cost	2016	%
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)	Expense	Expense	Engineering &	Admin.	PROPOSED	COST	Difference
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	2017		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'	96,500 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,683.03	\$563.44	\$281.01	\$178.64	\$224.81	\$6,797	6168	10%
45'	97,5000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,810.31	\$590.17	\$281.01	\$178.64	\$224.81	\$6,951	6322	10%
50'	101,300 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,917.22	\$612.62	\$281.01	\$178.64	\$224.81	\$7,081	6451	10%
55'	136,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$3,023.11	\$634.85	\$281.01	\$178.64	\$224.81	\$7,209	6579	10%
60'	150,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$3,171.78	\$666.07	\$281.01	\$178.64	\$224.81	\$7,389	6758	9%
40'		0	0	0	0						0		#DIV/0!
45'		0	0	0	0						0		#DIV/0!
50'		0	0	0	0						0		#DIV/0!
55'		0	0	0	0						0		#DIV/0!
60'		0	0	0	0						0		#DIV/0!
65'		0	0	0	0						0		#DIV/0!
70'		0	0	0	0						0		#DIV/0!
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: LADWP

Person completing worksheet: Jeff Williams

Call Back Telephone Number & Email: 213-367-2745 jeffery.williams@ladwp.com

***** Weighted Average XXXXXX Individual Costs 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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference	Salvage 2017
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.				
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
32.5'	230000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,156.48	\$452.86	\$324.55	\$178.64	\$259.65	\$6,683	5527	21%	2156
35'		0	0	0	0						\$0		#DIV/0!	0
40'		0	0	0	0						\$0		#DIV/0!	0
45'		0	0	0	0						\$0		#DIV/0!	0
50'	170,000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,422.88	\$508.80	\$324.55	\$178.64	\$259.65	\$7,005	5848	20%	2423
55'	189300 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,356.26	\$704.81	\$324.55	\$178.64	\$259.65	\$8,134	6972	17%	3356
60'	208000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,571.13	\$749.94	\$324.55	\$178.64	\$259.65	\$8,394	7230	16%	3571
65'	226700 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,789.88	\$795.87	\$324.55	\$178.64	\$259.65	\$8,659	7736	12%	3790
70'	245000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,210.88	\$884.28	\$393.95	\$178.64	\$315.17	\$10,001	8243	21%	4211
70' Heavy	318600 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,448.11	\$934.10	\$393.95	\$178.64	\$315.17	\$10,288	8529	21%	4448
75'	264,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,521.03	\$949.42	\$393.95	\$178.64	\$315.17	\$10,376	8617	20%	4521
75' Heavy	343,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,746.59	\$996.78	\$393.95	\$178.64	\$315.17	\$10,649	8888	20%	4747
80'	282,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,416.44	\$927.45	\$393.95	\$178.64	\$315.17	\$10,250	8506	20%	4416
80' Heavy	367,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,725.85	\$992.43	\$393.95	\$178.64	\$315.17	\$10,624	8880	20%	4726
85'	301,600 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,611.14	\$968.34	\$393.95	\$178.64	\$315.17	\$10,486	8742	20%	4611
90'	320,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,955.25	\$1,040.60	\$393.95	\$178.64	\$315.17	\$10,902	9157	19%	4955
100'	357,800 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$5,558.63	\$1,167.31	\$393.95	\$178.64	\$315.17	\$11,632	9886	18%	5559
110'	395,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$7,106.61	\$1,492.39	\$393.95	\$178.64	\$315.17	\$13,505	11755	15%	7107

5527 WAS PRICE FOR 30' POLE IN 2016

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

Individual Costs

XXXXXXXXX

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply	Equipment	1 Hour	General &	Total Cost	2016	%
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)	Expense	Expense	Engineering &	Admin.	PROPOSED 2017	COST	Difference
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'	2	\$138.80	4	19.85	\$3,310.38	\$4,089.00	\$858.69	\$324.55	\$178.64	\$259.65	\$9,021	7055	28%
40'		0	0	0	0						\$0	0	#DIV/0!
45'		0	0	0	0						\$0	0	#DIV/0!
50'	H-5	\$138.80	4	22.15	\$3,629.62	\$3,995.00	\$838.95	\$355.85	\$178.64	\$284.69	\$9,283	6941	34%
55'		0	0	0	0						\$0	0	#DIV/0!
60'	H-1	\$138.80	4	22.65	\$3,699.02	\$4,189.00	\$879.69	\$362.65	\$178.64	\$290.13	\$9,599	7176	34%
65'												0	#DIV/0!
70'	H-4	\$138.80	4	23.25	\$3,782.30	\$4,314.00	\$905.94	\$370.82	\$178.64	\$296.66	\$9,848	7770	27%
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

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

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

(*****)

2/14/2017 Please designate if you choose to publish your costs individually or be included in the weighted average

2017 Pole Prices worksheet Draft 04 ALL COMBINED
2017 M CONCRETE (CP)

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'		0	0	0	0						0		#DIV/0!
45'		0	0	0	0						0		#DIV/0!
50'	98,600 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,395.05	\$502.96	324.55	\$138.21	\$259.65	\$6,931	5823	19%
50' Heavy	143,900 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$1,977.55	\$415.29	\$324.55	\$138.21	\$259.65	\$6,426	5319	21%
55'	133,100 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,548.82	\$535.25	\$324.55	\$138.21	\$259.65	\$7,117	6009	18%
55' Heavy	221,8000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,743.28	\$786.09	\$324.55	\$138.21	\$259.65	\$8,562	7451	15%
60'		0	0	0	\$0.00						\$0		#DIV/0!
65'		0	0	0	\$0.00						\$0		#DIV/0!
70' Heavy	288,000 ft-lbs	138.8	4	22.25	\$3,643.50	\$5,364.00	\$1,126.44	\$357.21	\$138.21	\$285.78	\$10,915	N/A	#VALUE!
75' Heavy	310,000 ft-lbs	138.8	4	22.25	\$3,643.50	\$5,752.00	\$1,207.92	\$357.21	\$138.21	\$285.78	\$11,385	N/A	#VALUE!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

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

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

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

Southern California Joint Pole Committee

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

April 19, 2017

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. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Megan Stewart	Frontier Communication
Mr. Ayman Arraj	City of Burbank
Ms. Manijeh Carmichael	AT&T California
Ms. Sherri DuChateau	Golden State Water
Mr. Eric Cardella	Golden State Water
Mr. Joe Armstrong	City of Pasadena
Mr. Johnny Trang	City of Pasadena
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Shawn Henderson	T-Mobile USA
Ms. Lynn Prescott	Verizon Wireless
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Mr. David Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Mr. Daniel Lippert	City of Burbank
Mr. Alex Parra	City of Riverside
Ms. Maryam Farajzadeh	City of Vernon
Ms. Wendy Mueller	ExTenet Systems
Mr. Mark Denning	M-Power
Ms. Catherine Babakhanlou	City of Glendale

Mr. Dan Kjar
Mr. Brandon Robinson
Ms. Mary Li
Mr. Dan Garden
Ms. Kay Black
Mr. Jay Hanenkratt
Ms. Mia Tran

City of Azusa
City of Banning
City of Anaheim
MCI Telecom/MCI Metro
AT&T California
ATC-Outdoor DAS, LLC
Crown Castle NG West Inc./NewPath/CA-CLEC LLC

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 Time-Warner Cable (TWC), and the City of Colton (F).

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 March 15, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown then solicited a motion to accept the minutes as written. Ms. Hernandez motioned to accept the March 15, 2017 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 March 2017 operating expenses were \$78,383.96. However, the member assessment total was \$78,883.96 due to a member falling below the 50% attendance requirement. The attendance penalty fee is \$500.00. She added that the March expenses are above average due to the additional payroll in March.

COMMUNICATIONS:

Impulse Telecom Membership Application

Ms. Pranata reported that she received a letter from the above referenced entity inquiring into Committee membership. She added that a copy of this letter is included in the current meeting packet. She will be responding to this letter with requirements for membership and additional information. There was no further communications to report.

SPECIAL REPORTS

There are no special reports for this meeting.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, April 18, 2017. She reported that the members are reviewing helicopter and crane costs to determine if this item should remain Section 1.2 -special agreement. This issue will be discussed at the next ad hoc meeting. Should any members have an interest in this issue, please plan on attending the next ad hoc meeting.

The ad hoc is also reviewing the pole matrix elements definition to determine what criteria should be included in these costs such as traffic control and what sections of the Watch Manual should be considered when arriving at pole costs. Ms. De Barge stated that she has a PDF file of the Watch Manual and would send it to Ms. Pranata for distribution to the members.

Ms. Hernandez concluded by referring the members to the minutes of that meeting for further details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on April 18, 2017. The members continue discussing increasing the timeline for the Form 48 to 180 days. The members discussed and will continue discussing adding a new member to a JPA via a Form 7. Also discussed is sending forms to members jointly party on a JPA via an email address.

The ad hoc committee is making revisions to the section that addresses the 2 feet antenna safety clearance requiring the antenna owners to purchase the safety clearance. She concluded by referring the members to the minutes of the meeting.

Computer Communications ad hoc Committee

Ms. De Barge reported that this ad hoc met April 18, 2017. She stated the members discussed revisions to the Friend program. She then referred the members to the minutes for details.

Compliance ad hoc Committee

Mr. Serrato reported that this ad hoc met on April 18, 2017. The members discussed the possibility of closing the Riverside pole attachment process review. The committee closed *Item 1630: CPUC Data Requests Updates*. Crown Castle and Edison discussed scheduling a meeting to discuss antenna transfer issues. Mr. Serrato directed the members to the minutes for further details.

Operating Committee

Ms. Pranata reported that the Operating Committee met on March 15, 2017. She stated that other than the review of the monthly reports the members discussed the pulling of Final JPAs after the Form 44 has been generated. The members need to agree on a date when finals may not be pulled. AT&T proposed the 28th to which Edison would discuss this date internally to ascertain if this date is agreeable to Edison. She referred the members to the minutes for further details.

NJUNS (ad hoc)

Mr. Wayne Brown reported that NJUNS met March 15, 2017. The members discussed the need for all members to obtain the NJUNS access member code. They also discussed the possibility of utilizing NJUNS for JPAs other than buddy poles which Edison is currently processing via NJUNS. He concluded by directing the members to the minutes of the meeting.

CONSENT CALENDAR:

Proposed 2017-2018 Authorized Costs

Proposed 2017 Pole Prices

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

DISCUSSION CALENDAR:

CPUC Workshop

Mr. Brown inquired if anyone would like to open discussion on the above noted topic. The members inquired if there will be more workshops available. Ms. Black responded that there probably will be and that per the CPUC this is “The Year of the Pole”. She added that there is a link on the CPUC website allowing the viewing of the workshop.

Ms. Mueller reported that she attended the workshop and confirmed that this is “The Year of the Pole” and the priority is safety. She added that as a follow up the CPUC allowed attendees to submit their comments on the workshop, however, the comments period has elapsed. She added that a major discussion was a centralized pole database for the entire state. This would allow the ability to view all poles and any inspections schedules for the pole(s), thus minimizing any inspection redundancy.

Mr. Brown stated that per the presentation of NJUNS and Aldens programs, he has been receiving inquiries about NJUNS. He added that he will discuss this further at the NJUNS meeting later in the day.

Ms. Black reported that the CPUC showed an interest in the Aldens program as a tool to centralize pole data. Ms. Mueller added that the Committee must be involved in any choice of system utilized for centralized pole data. She further added that some utilities had concern with proprietary information available on this centralized database.

Mr. Williams commented that there are other programs available besides Aldens, which is relatively a new program.

Ms. Black added that in regards to program vendors, the committee should have the option of researching other programs available prior to deciding which program would serve the purpose for a centralized pole database.

Mr. Armstrong stated that there is the concern of program interface among the members and the selected centralized program.

Mr. Brown reported that he has spoken with the Aldens representatives and they would like the opportunity to present their program to the members at a Board meeting. He added that he informed them that he would contact them when the opportunity presents itself.

Ms. Prescott stated that several vendors should be considered and allowed to present their product thus allowing the Committee to choose which product best serves their needs and submit bids.

It was agreed that this topic requires greater discussion, therefore, the consensus is that *Item 1630: CPUC Data Requests Updates* should remain open in the Compliance ad hoc committee.

OTHER ITEMS: Unfinished Business

Item 1551: Sharefile Details – COMPUTER COMMUNICATIONS (4/10/2012)

Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)

Item 1597: Review of RR Examples – REVISION (05/19/2015)

Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/20)
Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1627: Wireless 2' SCZ Antenna Elimination - ROUTINE REVISION (01/17/2017)
Item 1628: Unauthorized Penalty (current yr) Billing – ROUTINE (01/17/2017)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1631: Customer Billing – Sec 7.10,5.10 & X.10 – ROUTINE (2/14/2017)

Item 1628: Unauthorized Penalty (current yr) Billing is now closed, all other items remain open.

Item 1629: 2017 Environmental Issues

There were not environmental issues.

New Business

Known Items:

There are no known items.

Unknown Items:

Los Angeles Firemap

Mr. Williams stated that the CPUC rules making committee has created a Firemap committee. He added that Ruben Hauser of DWP is working on refining the LA firemap and is need of volunteers from the membership to aide in refining the Los Angeles Firemap. He further added that member volunteers could contact Mr. Hauser at ruben.hauser@dwp.com.

Mr. Brown added that this could be detrimental to members if they do not participate in this project.

Mr. Williams stated that when the Firemap is complete, rules will be created to eliminate fires within the area. He concluded by urging all members to get involved in this project.

Adding new member to JPA via a Form 7

Ms. Ortiz opened by stating that they are receiving a Form 7 to add a new member to a JPA, when per the Routine the JPA required revision. She added that the members are considering changing the verbiage in the Routine to allow the usage of a

Form 7 to add a new member to the JPA. She further added that it was discovered that the lack of proper research by the issuing member results in omitting a member from the JPA.

After discussion it was agreed to add Item 1632: Adding Member to JPA via a Form 7 to the Routine Revision ad hoc committee to address this issue.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	05/16/17	9:00 am.	Committee Office
Authorized Costs	05/16/17	Following	Routine Revision
Computer Committee	05/16/17	Following	Authorized Costs
Compliance Committee	05/16/17	Following	Computer Committee
Administrative Board	05/17/17	9:00 am.	Committee Office
Operating Committee	05/17/17	Following	Administrative Board
NJUNS	05/17/17	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:45am until May 17, 2017.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

March 13, 2017

Manager of Operations
Southern California Joint Pole Committee
279 E. Arrow Hwy., Suite 104
San Dimas, CA 91773

Regarding: Impulse Telecom Membership Application

Dear Ms. Angela Pranata,

Impulse Advanced Communications, through our CLEC subsidiary Impulse Telecom, has embarked on a strategic plan to deploy fiber optic cable and related systems to our legacy customers in the Santa Barbara and Goleta municipalities. We have operated our CLEC for five years and are collocated in multiple Central Offices. We have a CLEC CPCN and have entered into a joint occupancy agreement with Frontier to gain access to poles and conduits within their tariffed areas. We have secured performance bonds and insurance as they required for the fulfillment of this agreement.

Also, we have a thorough understanding of the CPUC's General Order 95 and we intend to follow all of those rules as well as any others related to cooperative occupancy of space on poles with other utilities.

Based upon our understanding of the rules and the experience of our staff we feel that Impulse Telecom will be a complimentary fit with the current membership of SCJPC.

We hereby respectfully seek consideration for membership into your organization.

If you need additional information or clarification please contact my Outside Plant Operations Manager, Bob Fasulkey at bfasulkey@impulse.net or cell 805-440-9830.

Regards,



Dave Clark
President
dave@impulse.net
805-884-6339



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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
	P/C		1 Power	1 Power	1 Comm	1 Power	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Comm	1 Power	12	
POLE MAINTENANCE AND MISCELLANEOUS -----																
1-Trenching/Moving 30' -35' WITH supply	Power	2470	2613			1959								3131	3	2568
1-Trenching/Moving 40'-45' WITH supply	Power	3094	2939			2449								4175	3	3188
1-Trenching/Moving 50'- 55' WITH supply	Power	3406	3593			2776								4175	3	3515
1-Trenching/Moving 60'-65' WITH supply	Power	3711	3919			3429								4175	3	3841
1-Trenching/Moving 70'-75' WITH supply	Power	6118				4245								8350	2	6298
1-Trenching/Moving 80'-85' WITH supply	Power	6566				5225								8350	2	6788
1-Trenching/Moving 90'-95' WITH supply	Power	6977				6123								8350	2	7237
1-Trenching/Moving 100' WITH supply	Power	7202				6613								8350	2	7482
2-Trenching/Moving 30'-35' WITHOUT supply	Communication	872					990	990	990	990	990	990	675		7	945
2-Trenching/Moving 40'-45' WITHOUT supply	Communication	940					990	990	990	990	990	990	810		7	964
2-Trenching/Moving 50'-55' WITHOUT supply	Communication	1442					1800	1800	1800	1800	1800	1800	945		7	1678
3- Lowering/Raising to Grade (one operation) 30'-35'	Both	939	1306		767	1959	630	630	630	630	630	630	675	3131	11	1056
3- Lowering/Raising to Grade (one operation) 40'-45'	Both	1041	1633		1023	2449	630	630	630	630	630	630	810	3131	11	1166
3- Lowering/Raising to Grade (one operation) 50'-55'	Both	1292	1960		1279	2776	990	990	990	990	990	990	945	3131	11	1457
3- Lowering/Raising to Grade (one operation) 60'-65'	Both	1428	2286		1534	3429	990	990	990	990	990	990	1080	3131	11	1582
3- Lowering/Raising to Grade (one operation) 70'-75'	Both	1583			1790	4245	990	990	990	990	990	990		3131	9	1679
3- Lowering/Raising to Grade (one operation) 80'-85'	Both	1810			2046	5225	990	990	990	990	990	990		4175	9	1932
3- Lowering/Raising to Grade 90'-95'	Both	1951			2301	6123	990	990	990	990	990	990		4175	9	2060
3- Lowering/Raising to Grade (one operation) 100'	Both	1988			2557	6613	990	990	990	990	990	990		4175	9	2143
4- Straightening in Earth 30'-35'	Both	866	1960		875	1094	630	630	630	630	630	630	\$702	2088	11	954
4- Straightening in Earth 40'-45'	Both	917	2286		1131	1094	630	630	630	630	630	630	\$837	2088	11	1020
4- Straightening in Earth 50'-55'	Both	986	2939		1387	1094	630	630	630	630	630	630	\$945	2088	11	1112
4- Straightening in Earth 60'-65'	Both	1472	3919		1642	1616	1440	1440	1440	1440	1440	1440		2088	10	1791
4- Straightening in Earth 70'-75'	Both	1374	0		1898	1616	1440	1440	1440	1440	1440	1440		2088	9	1582
4- Straightening in Earth 80'-85'	Both	1551	0		2154	1616	1440	1440	1440	1440	1440	1440		4175	9	1843
4- Straightening in Earth 90'-95'	Both	1551	0		2409	1616	1440	1440	1440	1440	1440	1440		4175	9	1871
4- Straightening in Earth 100'	Both	2763	0		2665	1616	3690	3690	3690	3690	3690	3690		4175	9	3400
5-A Removing From Service: Pulling (includes 1 hr pre-planning and engineering)	Both	931	1306	1045	915	1094	810	810	810	810	810	810	699	1044	12	914
5-B Removing From Service:Transporting	Both	412	327	523	384	653	180	180	180	180	180	180	219	209	12	283
5-C Removing From Service: Topping (based on topping and lowering)	Both	801	490	523	192	588	810	810	810	810	810	810	287	522	12	622
5-D Removing From Service: Disposal	Both	735	622		256	384	810	810	810	810	810	810	219	235	11	598
5-E Removing from service: Lowering	Both	581	213		128	327	0	0	0	0	0	0	219	436	5	265
5-F Removing From Service: Removal of steel truss (any size)	Both	957	980		511	1086	810	810	810	810	810	810			9	826
6-A Pole Stubbing 8 Ft metal truss	Power	1273	1306												1	1306
6-B Pole Stubbing 10-11 Ft metal truss	Power	988	1306	1959		1695									3	1653
6-C Pole Stubbing 11 Ft metal truss	Power	1318	1633	1959		1695								606	4	1473
6-D Pole Stubbing 12 Ft metal truss	Power	1083	1633			1695								763	3	1364
6-E Pole Stubbing 13 Ft metal truss	Power	1648	1960											1385	2	1672
6-F Pole Stubbing 14 Ft metal truss	Power	2146	2286											2064	2	2175
6-G Pole Stubbing 15.5 Fmetal truss	Power	2308	2286											2388	2	2337
6-H Pole Stubbing: Addt'l metal trusses (all sizes)	Power	773	1306											273	2	790
6-I Pole Stubbing: Inaccessible to stubbing equipment (all sizes)	Power	1882	653			1191									2	922
6-J Pole Stubbing: ET (Extended) Truss (new item)	Power															Delete, no prices Submitted
7 - Intentionally left blank																
8-A Semi Cir. Pole Guards - Installation	Both	158			266	262							135	212	4	219
8-B Semi Cir. Pole Guards - Transferring	Both	118			128	232							135	105	4	150
9 Title: Hand Dig Pole Set/Hand Removal																
9A Hand Dig Pole Set/Hand Removal: Pole set: Not accessible to digging equipment	Both		1371	2090	1151	1306	1620	1620	1620	1620	1620	1620	699	2088	12	1535
9B Hand Dig Pole Set/Hand Removal: Pole set/removal: Accessible with conflict-must specify nature of conflict on F48, F7, or F2	Both			2090	1151	1306	1620	1620	1620	1620	1620	1620			9	1585
9C Hand Dig Pole Set/Hand Removal: Pole removal not accessible to removal equipment (hand dig only removal) (justification is necessary)	Both				1151	1306	1620	1620	1620	1620	1620	1620			8	1522
10 Title: Sidewalk/pavement repairs for placement, replacement, or removal of pole or anchor:																
10-A Cement break and temporary repair	Both	1203	1732	523	266	922	1890	1890	1890	1890	1890	1890	603	821	12	1350
10-B Asphalt break & repair	Both	1170	1234	669	283	369	1890	1890	1890	1890	1890	1890	427	936	12	1271
10-C Cement saw cut brk&repair-based on 25 square feet	Both	932	1732	669	559	1056	990	990	990	990	990	990	829	1205	12	999
10-D Cement saw cut brk&rpr-based on 50 square feet (new item)	Both			816	847	1709	460	460	460	460	460	460			9	681
10-E ADA accessible ramp (new item)	Both		0		1219		14180	14180	14180	14180	14180	14180			7	12328

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
11-Joint Rights of Way- <i>by special agreement</i>																
12-A-Reserved for future use																
12-B Pole Inspect/Treat-Partial Dig	Power	52	133			174								51	3	119
12-C Pole Inspect/Treat-Sound&Bore	Power	46	133			174								41	3	116
12-D Pole Inspect/Treat-Full Treatment	Power	63	133			174								69	3	125
12-E Pole Inspect/Treat-Reject	Power	49	133			174								54	3	120
12-F Pole Inspect/Treat-Re-inspection of reinforced poles	Power	70	199			174								55	3	143
13-A Pole/anchor access obstructions: Clearing poles in State Responsibility area (Includes cost of contractor to perform activity and post Quality Control inspection)	Both	278	414		128		360	360	360	360	360	360	64	63	10	283
13-B Pole/anchor access obstructions: Removal of vegetation to facilitate the placement/replacement/removal of a pole	Both	303	414		256	450	360	360	360	360	360	360	218	164	11	333
13-C Pole/anchor access obstructions: All other by Special Agreement Section 1.2 such as landscape/hardscape restoration written estimate required.																
14-A Failure to final JPA Administrative Fee (per pole cost) including correction of records	Both	251	90		151	583	275	275	275	275	275	275	135	754	11	306
14-B Failure to final JPA Administrative Fee (per pole cost) - Field verification only	Both	110	45		128	379	150	150	150	150	150	150	136	220	11	164
15-A Pole Marking-Tagging	Both	43	41	105	66	43	45	45	45	45	45	45	34	21	12	48
15-B Pole Marking-Visibility Strips	Both	42	48	108	73	48	45	45	45	45	45	45	3	21	12	48
16-A Backhoe 2/hr mininum	Both	252	305		342	321	270	270	270	270	270	270	7	411	11	273
16-B Backhoe - each additional Hour (inclusive operator & truck)	Both	158	191		171	161	180	180	180	180	180	180	168	205	11	180
17 Title: Wood Pole Fiberglass wrap																
17-A Wood pole fiberglass wrap-pole set in dirt(8-ft Standard)	Power	1810												1810	1	1810
17-B Wood pole fiberglass wrap-pole in asphalt-(inc \$140 Asphalt/8-ft standard)	Power	2427												2427	1	2427
17-C Wood pole fiberglass wrap-pole set in concrete-(inc \$245 concrete/8-ft standard)	Power	2428												2428	1	2428
17-D Wood pole fiberglass wrap-Additional foot exceeding 8-ft standard	Power	116												116	1	116
18-A ModPole Material & Installation 9'	Power	5635	3025											8323	2	5674
18-B ModPole Material & Installation 14'	Power	6411	3351											9558	2	6455
18-C ModPole Material & Installation 18'	Power	6740	4005											9579	2	6792
19-A Costs for cut & kick: Pole placement located on street without riser and/or equipment ***	Both	1946	1633	2090	1023	1518	1890	1890	1890	1890	1890	1890	1080	6263	12	2079
19-B Costs for cut & kick: Pole placement located on street with riser and/or equipment ***	Both	2194	1960	2613	1534	2008	1890	1890	1890	1890	1890	1890	1620	8350	12	2452
19-C Costs for cut & kick: Pole placement on rear property with or without riser and/or equipment not accessible to digging equipment ***	Both	3057	3266		2046	3666	2790	2790	2790	2790	2790	2790	2025	12526	11	3661
TRANSFER COSTS GUY WIRES -----																
20-Guy wires - transfer (overhead, span, arm, or anchor) including insulator if used:																
20- A All types and sizes, each end	Both	283	499		256	522	270	270	270	270	270	270	178	391	11	315
20- B Sidewalk anchor guys (pipe brace and fittings, all sizes) Note: When necessary to relocate a guy insulator, add the following to above costs:	Both	398	502		320	522	450	450	450	450	450	450	614	522	11	471
20-C Insulator relocation	Both	225	251		128	180	270	270	270	270	270	270	178	522	11	262
TRANSFER COSTS - POWER CIRCUITS -----																
21 Crossarms - raising, lowering, or transferring of all size crossarms whether in flat, vertical, sidearm or triangular configuration, including the insulators:																
21 - A 0-7.5 kv single Arm (includes service arm)																
Transfer Arm	Power	407				604								261	2	433
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - B 0-7.5 kv double arm																
Transfer Arm	Power	791				1159								522	2	841
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - C 0-7.5 kv double arm with																
Transfer Arm	Power	999				2057								652	2	1355
Transfer Conductor (splicing required)	Power	338				310								391	2	351
Transfer Conductor (no splicing)	Power	228				212								261	2	237
21 - D 0-7.5kv sidearm - single																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	391				0								391	1	391
Transfer Conductor (no splicing)	Power	261				0								261	1	261
21 - E 0-7.5kv sidearm - double																
Transfer Arm	Power	1088				1652								652	2	1152
Transfer Conductor (splicing required)	Power	338				408								391	2	400
Transfer Conductor (no splicing)	Power	228				310								261	2	286

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21 - F 7.6-15kv single arm																
Transfer Arm	Power	261				0								261	1	261
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - G 7.6-15kv double arm																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - H 7.6-15kv sidearm - single																
Transfer Arm	Power	522				0								522	1	522
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - I 7.6-15kv sidearm - double																
Transfer Arm	Power	913				0								913	1	913
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - J 16-34kv single arm																
Transfer Arm	Power	1130				947								391	2	669
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - K 16-34kv double arm																
Transfer Arm	Power	1432				1323								652	2	987
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - L 16-34kv double arm with																
Transfer Arm	Power	1714				2224								783	2	1503
Transfer Conductor (splicing required)	Power	468				669								652	2	661
Transfer Conductor (no splicing)	Power	358				571								522	2	547
21 - M 16-34kv sidearm - single																
Transfer Arm	Power	652				0								652	1	652
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - N 16-34kv sidearm - double																
Transfer Arm	Power	1779				1796								913	2	1355
Transfer Conductor (splicing required)	Power	468				767								652	2	710
Transfer Conductor (no splicing)	Power	358				669								522	2	596
21 - O 66-115kv single arm																
Transfer Arm	Power	783				0								783	1	783
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - P 66-115kv double arm																
Transfer Arm	Power	1044				0								1044	1	1044
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
21 - Q 66-115kv steel arm																
Transfer Arm	Power	1090				0								1090	1	1090
Transfer Conductor (splicing required)	Power	652				0								652	1	652
Transfer Conductor (no splicing)	Power	522				0								522	1	522
NOTE: Add Item 24 for bonding cost.																
NOTES CONCERNING ITEMS 21 AND 22: For strain dead ends on arm, omit specified conductor cost and add Item 22. For Close Buck (Smith Corner) construction, cost of transferring corner arm bracing is extra by field agreement. In triangular or vertical configuration, when circuits are of different voltage or different type of conductor support, apply arm cost for higher voltage involved and respective conductor cost according to voltage. Where circuits are of different ownership, the utility transferring arms and its own circuit will apply both costs.																
22 Dead ends - on arm or direct to pole, per each dead end, any conductor size:																
22-A 0-750 volt secondary	Power	222				343								130	2	237
22-B 750-7,500 volt primary	Power	440				490								522	2	506
22-C 7.6-115kv - 1 or 2 strain insulators	Power	1139				1633								783	2	1208
22-D 7.6-115kv - 3 or 4 strain insulators	Power	1198				1763								783	2	1273
22-E 7.6-115kv - 5 or 6 strain insulators	Power	1198				0								783	1	783
NOTE: For dead ends on arm, add the cost of appropriate arm listed under Item 21. Add Item 24 for bonding cost																
23 Changing type of construction – horizontal to vertical, triangular to horizontal, vertical to horizontal, etc.: (labor cost only - additional arms are extra)																
23-A Flat to vertical 7.5-115kv single arm per pole	Power	2064				2384								1957	2	2170
23-A1 Triangular to Flat 7.5-115kv single arm per pole	Power	1789				2384								1396	2	1890
23-A2 Vertical to Flat 7.5-115kv single arm per pole	Power	2154				2384								2127	2	2255

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23-B Flat to vertical 7.5-115kv double arm per pole	Power	2070				2384								1957	2	2170
23-B1 Triangular to Flat 7.5-115kv double arm per pole	Power	1789				2384								1396	2	1890
23-B2 Vertical to Flat 7.5-115kv double arm per pole	Power	2154				2384								2127	2	2255
NOTE: Cost of rebonding is included in above prices.																
24 - A Bonding Per Pole: Single circuit-all voltages	Power	360				359								391	2	375
24 - B Bonding Per Pole: Double circuit-all voltages	Power	590				718								522	2	620
25 - Ground Wire, Incl. protective covering	Power	510				686								391	2	539
26 - Pole Top Switches(oil or Open Air) Price by field agreement (cost to be estimated and agreed to by field engineers)																
27 - A Racks & brackets-secondary/3-4 wire to pole	Power	300				229								391	2	310
Plus Conductor ea.	Power	205				163								261	2	212
27 - B Bracket, Triplex	Power	213				180								261	2	220
Plus Triplex conductor	Power	205				163								261	2	212
NOTE: If rack or bracket supports service drops only, omit specified line conductor cost and add Item 28. If service drops originate from line conductors, Item 28 is additional.																
28 - A Service Conductors - Transferring, raising or lowering/#4 conductor of smaller	Power	130				212								65	2	139
28 - B Service Conductors - Transferring, raising or lowering/Larger than #4 conductor	Power	207				310								130	2	220
28 - C Service Conductors - Transferring, raising or lowering/Triplex Service conductors	Power	162				212								130	2	171
29- A Transformers 1-1/2 to 25 KVA each	Power	2490				3902								2088	2	2995
29- B Transformers 30 to 167 KVA each	Power	2751				3902								2610	2	3256
29- C Mounting Brackets, two transformers	Power	298				474								162	2	318
NOTE: If two transformers are on the same arm, deduct \$99 from the total; if three transformers are on the same arm, deduct \$246 from the total.																
30-A Capacitors/capacitor bank switched	Power	4701				3429								6263	2	4846
30-B Capacitors/capacitor bank non-switched	Power	2612				3200								3131	2	3166
31-A Street Lights Ctr Susp type-span end	Power	1177				0								261	1	261
31-B Street Lights Ctr Susp type-Feed end	Power	1320				0								548	1	548
31-C Street Lights Gooseneck or brket type open wire	Power	1177				0								261	1	261
31-DStreet Lights Gooseneck or brket type Conduit on pole	Power	536				571								548	2	560
31-E Street Lights Mast arm type	Power	627				571								731	2	651
31-F Street Lights Pole top pin and insulator-single	Power	143				276								47	2	161
31-G Street Lights Pole top pin and insulator-Double	Power	155				0								70	1	70
32 Meter of Time Switch Control Box (Price by field agreement)																
33-A Support single insulator fiberglass	Power	239				261									1	261
33-B Support Double insulator fiberglass	Power	239				300									1	300
33-C Support Triple insulator fiberglass	Power	239														#DIV/0!
33-D Support Pole Top insulator fiberglass	Power	239				276									1	276
34 Support, single deadend fiberglass	Power	239				261									1	261
35-A Insulator mounting brkets-single(ver-Hort)	Power	295				522								261	2	392
35-B Insulator mounting brkets-Double(vertical)	Power	360				1045								391	2	718
35-C Insulator mounting brkets-Single, over 40KV	Power	783				0								783	1	783
36-A Steel crossarm,Squirrel cage brkt inc. insulator-single	Power	352				0								352	1	352
36-B Steel crossarm,Squirrel cage brkt inc. insulator-Double	Power	509				0								509	1	509
37- Double circuit side mount insulators-Dreyfuss sunburst	Power	6263				0								6263	1	6263
38- Insulator assembly bracket for endarm mountings	Power	679				349								1044	2	697
NOTE: Refer to Item 21 for conductor cost																
39 - Stand-off brackets for jointly used risers (new item)	Power					0										Delete, no prices submitted
40 - Transferring risers (new item)	Power					0										Delete, no prices submitted

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49- Transferring, raising or lowering of power line equipment not listed: Specify under this item number the nature thereof and the agreed cost. (special agreement)																
TRANSFER COSTS - COMMUNICATION CIRCUITS -----																
74-Semi-circular cable guard ("U" guard): transferring	Communication	205			128		270	270	270	270	270	270	135		8	235
75-A Crossman/Guardarm-Trans.,raising,lowering/per arm - Single	Communication	247			256		270	270	270	270	270	270	101		8	247
75-B Crossman/Guardarm-Trans.,raising,lowering/per arm - Double	Communication	259			320		270	270	270	270	270	270	102		8	255
78-A Drive hook w/wedge grip unit-single or multiple drop include conductor-one wedge grip unit	Communication	54			128		45	45	45	45	45	45	34		8	54
78-B Drive hook w/wedge grip unit-single or multiple drop include conductor-additional wedge grip units same hook	Communication	51			64		45	45	45	45	45	45	3		8	42
79-Multiple Distribution Service Wire on line pole	Communication	97			128		90	90	90	90	90	90	155		8	103
81-A "C" Rual wire (1 Pr)-In line pole ea. Pair	Communication	72			128		68	68	68	68	68	68	155		8	86
81-B "C" Rual wire (1 Pr)-On deadend pole ea. Pair.	Communication	77			192		90	90	90	90	90	90	68		8	100
82-A Cable arm w/ 1 cable, trans, raise, lower - Single wood arm	Communication	361			256		450	450	450	450	450	450	331		8	411
82-B Cable arm w/ 1 cable, trans, raise, lower - Double wood arm	Communication	399			288		450	450	450	450	450	450	479		8	433
82-C Cable arm w/ 1 cable, trans, raise, lower - Extension arm("F" or alley arm)	Communication	393			320		450	450	450	450	450	450	331		8	419
82-D Cable arm w/ 1 cable, trans, raise, lower -Additional cable/separate mess/on same arm	Communication	331			352		450	450	450	450	450	450	527		8	447
NOTE: The above prices do not include cable terminals.																
83-A Cable attached direct to pole (complete)	Communication	195			128		270	270	270	270	270	270	178		8	241
83-B Cable attached (additional work required) (new item)	Communication				32		180	180	180	180	180	180			7	159
84-A Messenger reinforcing units-Strap each	Communication	179			64		270	270	270	270	270	270	68		8	219
84-B Messenger reinforcing units-Link each	Communication	177			64		270	270	270	270	270	270	68		8	219
85-A Messenger without cable-trans,raising, lower-single wood arm	Communication	207			128		270	270	270	270	270	270	331		8	260
85-B Messenger without cable-trans,raising, lower-Double wood arm	Communication	243			160		270	270	270	270	270	270	479		8	282
85-C Messenger without cable-trans,raising, lower-Extension arm("F" or alley arm)	Communication	236			224		270	270	270	270	270	270	331		8	272
85-D Messenger without cable-trans,raising, lower-Extension arm	Communication	246			192		270	270	270	270	270	270	527		8	292
86-Messenger dead end, all sizes-with or without cable	Communication	202			192		270	270	270	270	270	270	178		8	249
87-A Cable Terminal transfer-Dist. Cable term.	Communication	208			128		270	270	270	270	270	270	142		8	236
87-B Cable Terminal transfer-Feeder Dist. Interface	Communication	292			256		360	360	360	360	360	360	594		8	376
87-C Cable Terminal transfer-Pole seat or balcony	Communication	294			384		360	360	360	360	360	360	135		8	335
88-Multiple Distribution Wire terminal Transfer	Communication	169			256		251	251	251	251	251	251	142		8	238
89-A Cable terminal replacement-all types term except Ready Access 25 pair or less	Communication	561			548								240		2	394
89-B Cable terminal replacement Ready Access 24 pair or less	Communication	470			357								240		2	298
89-C Cable terminal replacement- Ready Access 24-50 pair	Communication	595			448								253		2	351
NOTE-When necessary to use multiple distribution stub, add the following to cost above;																
89-D Cable terminal replacement- Mult. Dist. Stub for Ready Access type	Communication	412			558								240		2	399
NOTE-Costs of drop and/or line pair rearrangements and cable transfer are not included in the above prices and are added only when cost of transfer is made applicable under the Routine. For replacement of terminals larger than 50 pair, the cost is to be billed under Item #109.																
91-A Cable Splicing/per splice/per pair=18 pr	Communication	343			160		321	321	321	321	321	321	225		8	289
91-B Cable Splicing/per splice/per pair=25 pr	Communication	332			197		325	325	325	325	325	325	225		8	296
91-C Cable Splicing/per splice/per pair=50 pr	Communication	383			310		375	375	375	375	375	375	361		8	365
91-D Cable Splicing/per splice/per pair=100 pr	Communication	579			539		561	561	561	561	561	561	469		8	547

Effective January 2017 Authorized Costs Matrix 2017-2018_ Draft05_ withoutpendingitemsForApproval03142017

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91-E Cable Splicing/per splice/per pair=200 pr	Communication	803			926		823	823	823	823	823	823	854		8	840
91-F Cable Splicing/per splice/per pair=300 pr	Communication	1088			1244		1118	1118	1118	1118	1118	1118	1239		8	1149
91-G Cable Splicing/per splice/per pair=400 pr	Communication	1237			1699		1278	1278	1278	1278	1278	1278	1461		8	1354
91-H Cable Splicing/per splice/per pair=600 pr	Communication	1769			2195		1809	1809	1809	1809	1809	1809	2150		8	1900
91-I Cable Splicing/per splice/per pair=700 pr	Communication	2045			2511		2093	2093	2093	2093	2093	2093	2494		8	2195
91-J Cable Splicing/per splice/per pair=800 pr	Communication	2375			2829		2401	2401	2401	2401	2401	2401	2838		8	2509
91-K Cable Splicing/per splice/per pair=900 pr	Communication	2727			3147		2719	2719	2719	2719	2719	2719	2845		8	2788
91-L Cable Splicing/per splice/per pair=1200 pr	Communication	3601			3680		3585	3585	3585	3585	3585	3585	4215		8	3676
Note: Splice enclosure disassemble/re-assemble cost embedded in prices listed above. NOTE: if two splices are required, then the above amounts are doubled, plus the cost of the cable needed to enable the splicing process. Installation costs will be called out separately. Section 1.2 to be utilized if costs exceed those called out above.																
92 - Cable risers, incl pipe and molding ea.	Communication	283			430		318	318	318	318	318	318	178		8	315
93 - Underground and terminal facilities: Where the location of a pole makes reconstruction of cable plant necessary, the engineer is to estimate the cost (exclusive of material) and include same under this item number in the billing. (Sec 1.2 by special agreement)																
94-A-1 Fiber Optic Splicing/testing Fusion-24 strand	Communication	1384			1779		1851	1851	1851	1851	1851	1851	257		8	1643
94-A-2 Fiber Optic Splicing/testing Fusion-48 strand	Communication	2082			1956		3000	3000	3000	3000	3000	3000	520		8	2560
94-A-3 Fiber Optic Splicing/testing Fusion-60 strand	Communication	2803			2113		3832	3832	3832	3832	3832	3832	648		8	3219
94-A-4 Fiber Optic Splicing/testing Fusion-72 strand	Communication	3152			2271		4417	4417	4417	4417	4417	4417	776		8	3694
94-A-5 Fiber Optic Splicing/testing Fusion-96 strand	Communication	4038			2456		5794	5794	5794	5794	5794	5794	1040		8	4782
94-A-6 Fiber Optic Splicing/testing Fusion-144 strand	Communication	5451			3097		8035	8035	8035	8035	8035	8035	1553		8	6607
94-A-7 Fiber Optic Splicing/testing Fusion-288 strand	Communication	9968			5630		15116	15116	15116	15116	15116	15116	3888		8	12527
94-A-8 Any size above and beyond by special agreement Section 1.2																
97- Transfer meter curcuit breaker box/disconnect box	Communication	883			209		810	810	810	810	810	810	1051		8	765
109-Transferring, raising, or lowering of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under Section 1.2.																
INSTALLATION COSTS - GUYS AND ANCHORS -----																
110 - A Guy wire complete Make-up-overhead, span, or arm guy	Both	394	201		480	558	450	450	450	450	450	450	614	557	11	464
110 - B Guy wire complete Make-up-Anchor guy	Both	371	323		360	439	450	450	450	450	450	450	614	269	11	428
110 - C Guy wire comp. Make-up-Cutting-in insulator in exist guy	Both	335	207		272	174	450	450	450	450	450	450	13	443	11	346
110 - D Guy wire comp. Make-up-Attaching span guy to interset pole	Both	325	201		168	558	450	450	450	450	450	450	13	339	11	362
110 - E Guy wire comp. Make-up-Guy guards	Both	251	212		360	99	450	450	450	450	450	450	13	55	11	313
NOTE: Where it is necessary to reattach the guy at pole or anchor end, due to cutting-in an insulator, the cost of relative Sub-Item 20 is to be added.																
111 - A Anchors-expanding plate(handDig)	Both	974	1079		949	1435	810	810	810	810	810	810	614	1829	11	979
111 - B Anchors-expanding plate(Truch access)	Both	696	302		629	782	810	810	810	810	810	810	614	524	11	701
111 - C Anchors-PISA screw anchor	Both	696	302	1125	629	567	810	810	810	810	810	810	614		11	736
111 - D Anchors-Hydraulically driven (mantaray)	Both	676	459		656	467	810	810	810	810	810	810	614	336	11	672
111 - E Anchors-Concreting an anchor	Both	337	584		427	0	281	281	281	281	281	281	614		9	368
111 - F Anchors-Sale of abandoned anchor to another utility-all sizes	Both	210	156		38	0	233	233	233	233	233	233	614		9	245
111 - G Anchors-Existing anchor purchase (Rear property)	Both	512	156		75	0	672	672	672	672	672	672	614	1280	10	616
111 - H Anchors-Existing Anchor Purchase (street/alley)	Both	287	156		115	0	356	356	356	356	356	356	614	367	10	339
NOTE: Actual size of anchor needs to be noted on JPA along with the appropriate item number for type. Items 111 (g), and (h) are calculated at 70% of Item 111 (a) and (b) respectively.																

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
112 - A Sidewalk anchor fittings-2" pipe brace & fittings	Both	297	0		618	0	270	270	270	270	270	270	614	328	9	353
112 - B Sidewalk anchor fittings-2 1/2" pipe brace & fittings	Both	303	171		618	359	270	270	270	270	270	270	614	346	11	339
112 - C Sidewalk anchor fittings-3" pipe brace & fittings	Both	299	0		618	0	270	270	270	270	270	270	614	354	9	356
112 - D Sidewalk anchor fittings-Sale of abandoned pipe brace & fittings to another utility-all sizes	Both	272	0		150	0	270	270	270	270	270	270	614	240	9	292
NOTE: For anchor and rod, include relative Item under 111. For guy wire, include relative Item under 110. For transfer of guy wire or sidewalk fitting see Item 20.																
115 - A Heel/toe bracing pole-with treated wood blks, new pole	Both	471	653		484	0	450	450	450	450	450	450	614	451	10	490
115 - B Heel/toe bracing pole-with treated wood blks, existing pole	Both	728	653		611	0	810	810	810	810	810	810	614	778	10	752
115 - C Heel/toe bracing pole-with fiberglass blocks, new pole	Both	499	653		564	1117	450	450	450	450	450	450	614		10	565
115 - D Heel/toe bracing pole-with fiberglass blocks, existing pole	Both	841	653		691	1672	990	990	990	990	990	990	614		10	957
116 - A Breast blocking only, new or existing pole-w/treated wood blk	Both	501	1306		611	0	540	540	540	540	540	540	614	226	10	600
116 - B Breast blocking only, new or existing pole-w/concrete block	Both	533	1306		631	0	540	540	540	540	540	540	614		9	643
116 - C Breast blocking only, new or existing pole-w/fiberglass block	Both	548	1306		691	897	540	540	540	540	540	540	614		10	675
119 - Installation of special guy equipment not listed: Specify under this item number the nature thereof and the agreed cost (Section 1.2).																
INSTALLATION COSTS - POWER CIRCUITS -----																
120 Crossarms, standard line (pins and insulators are extra): These are costs for installation or attachment to existing (For attachment to existing, use arm cost only)																
120 - A 0-7.5KV single WOOD arm	Power	316				371								278	2	324
CF ARM	Power	463				505									1	505
Plus conductor	Power	206				212								217	2	215
120 - B 0-7.5KV Double WOOD arm	Power	619				697								563	2	630
CF ARM	Power	889				966									1	966
Plus conductor	Power	206				212								217	2	215
120 - C 0-7.5KV Double WOOD arm with reinforcing brackets	Power	949				1684								825	2	1254
CF ARM	Power	1347				1953									1	1953
Plus conductor	Power	250				212								217	2	215
120 - D 0-7.5KV WOOD Sidearm-single	Power	332				0								332	1	332
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - E 0-7.5KV WOOD Sidearm-Double	Power	648				1086								672	2	879
CF ARM	Power	799				1279									1	1279
Plus conductor	Power	250				310								217	2	264
120 - F 7.6-15KV Single WOOD arm	Power	302				0								302	1	302
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - G -7.6-15KV Double WOOD arm	Power	602				0								602	1	602
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - H -7.6-15KV WOOD Sidearm-single	Power	333				0								333	1	333
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 - I 7.6-15KV WOOD Sidearm-Double	Power	670				0								670	1	670
CF ARM	Power					0										No Price
Plus conductor	Power	217				0								217	1	217
120 -J Crossarms-WOOD, standard line-16-115KV Single arm	Power	613				525									1	525
CF ARM	Power	705				659									1	659
16-34KV	Power	255				212								315	2	264
66-115KV	Power	315				0								315	1	315
120 -K Crossarms-WOOD, standard line-16-115KV Double arm	Power	802				1348								631	2	990
CF ARM	Power	780				1617									1	1617
16-34KV	Power	482				212								631	2	422
66-115KV	Power	631				0								631	1	631
120 -L Crossarms-WOOD, standard line-16-115KV Double arm w/rein brckets	Power	1089				2172								865	2	1518
CF ARM	Power	1567				2441									1	2441
16-34KV	Power	865				212								865	2	539
66-115KV	Power	865				0								865	1	865

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Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
120 -M Crossarms- WOOD , standard line-16-115KV Sidearm single	Power	460				0								460	1	460
CF ARM	Power					0										No Price
16-34KV	Power	460				0								460	1	460
66-115KV	Power	460				0								460	1	460
120 -N Crossarms- WOOD , standard line-16-115KV Sidearm Double	Power	785				1737								706	2	1222
CF ARM	Power	1438				1930									1	1930
16-34KV	Power	495				310								706	2	508
66-115KV	Power	706				0								706	1	706
NOTE: For dead end on arms, omit the specified conductor cost and add Item 123. For Close Buck (Smith Corner) construction, the cost of installing corner arm bracing is extra by field Agreement. See Items 122 and 123 for insulator cost and Item 24 for bonding cost.																
121 -A Pole top ext. incl.arms/6-7 ft ext	Power	1556				1030								2497	2	1763
Plus conductor	Power	250				310								217	2	264
121 -B Pole top ext. incl.arms/8-9 ft ext	Power	691				1668									1	1668
Plus conductor	Power	250				310								217	2	264
NOTE: Price for extensions of other lengths to be by field agreement. Where existing conductors are Raised, apply specified conductor cost; the cost of raising pins and insulators in such cases shall not be included. See Item 122 for insulator cost and Item 24 for bonding cost.																
122 -A Insulators incl. Pins/hardware/0-7.5kV pin type ea	Power	99				142								72	2	107
122 -B Insulators incl. Pins/hardware/11 or 16kV pin type ea	Power	104				0								104	1	104
122 -C Insulators incl. Pins/hardware/34kV pin type ea	Power	271				446								141	2	294
122 -D Insulators incl. Pins/hardware/66kV pin type ea	Power	266				0								266	1	266
122 -E Insulators incl. Pins/hardware/11 and 16kV post type ea	Power	131				0								131	1	131
122 -F Insulators incl. Pins/hardware/34kV post type ea	Power	293				474								142	2	308
122 -G Insulators incl. Pins/hardware/66KV post type ea	Power	390				0								390	1	390
122 -H Insulators incl. Pins/hardware/34-115kV suspension (strain)	Power	181				0								181	1	181
122 - I Silicone Insulators 0-7.5kV pin type, ea	Power					0										Delete. No price submitted.
122 - J Silicone Insulators 11 or 16kV pin type, ea	Power					0										Delete. No price submitted.
122 - K Silicone Insulators 34kV pin type, ea	Power					0										Delete. No price submitted.
122 - L Silicone Insulators 66kV pin type, ea	Power					0										Delete. No price submitted.
122 - M Silicone Insulators 11 and 16kV post type, ea	Power					0										Delete. No price submitted.
122 - N Silicone Insulators 34kV post type, each	Power					0										Delete. No price submitted.
122 - O Silicone Insulators 66kV post type, ea	Power					0										Delete. No price submitted.
122 - P Silicone Insulators 34 to 115kV suspension (strain) type, each insulator	Power					0										Delete. No price submitted.
123 -A Deadends on arms,directto pole p/ea. Strain-0-750 v.2nd	Power	103				155								64	2	109
123 -B Deadends on arms,directto pole p/ea. Strain-750-7500v.primary	Power	121				198								81	2	139
123 -C Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-1strain insul	Power	81				0								81	1	81
123 -D Deadends on arms,direct to pole p/ea. Strain-11 Or 16KV-2strain insul	Power	155				0								155	1	155
123 -E Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-2 insul	Power	373				0								373	1	373
123 -F Deadends on arms,direct to pole p/ea. Strain-34kv-4/0 cond. Or smaller-3 insul	Power	378				290								537	2	414
123 -G Deadends on arms,direct to pole p/ea. Strain-34kv-Larger than 4/0 cond.-3 insul	Power	409				324								585	2	455

Item Number	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
123 -H Deadends on arms,direct to pole p/ea. Strain-66-115kv-4/0 cond or smaller-4 insul	Power	1072				0								1072	1	1072
123 -I Deadends on arms,direct to pole p/ea. Strain-66-115kv-larger than 4/0 cond -4 insul	Power	1135				0								1135	1	1135
123 -J Deadends on arms,direct to pole p/ea. Strain-750-7500 volt primary silicone insulators.	Power	172				201									1	201
123 -K Deadends on arms,direct to pole p/ea. Strain-34kv -silicone insulators.	Power	303				324									1	324
NOTE:																
Add \$74 for each additional insulator on items (c) to (d).	Power	74				0								74	1	74
Add \$165 for each additional insulator on items (e) to (f).	Power	165				0								165	1	165
Add \$180 for each additional insulator on item (g).	Power	180				0								180	1	180
Add \$246 for each additional insulator on item (h).	Power	246				0								246	1	246
Add \$262 for each additional insulator on item (i). See Item 120 for cost of arms.	Power	262				0								262	1	262
124 -A Racks/Brackets,secondary-Rack, 3 or 4 wire - direct to pole	Power	216				206								241	2	224
Plus conductor ea.	Power	183				163								217	2	190
124 -B Racks/Brackets,secondary - Bracket, triplex	Power	156				155								170	2	162
Plus triplex conductor ea.	Power	185				163								220	2	192
125 - Ground assembly, complete <i>Note:For secondary neutral ground, this item is to be used only by those utilities that have executed agreements for the installation of grounds.</i>	Power	462				574								409	2	491
126-A Support: single insulator, fiberglass	Power	216				228									1	228
126-B Support: Double insulator, fiberglass	Power	265				309									1	309
126-C Support: Triple insulator, fiberglass	Power	178				0										Use 2015-2016 price
126-D Support: Pole Top insulator, fiberglass	Power	220				238									1	238
127 Support, single dead end fiberglass	Power	225				237									1	237
128-A Insulator mounting bracket-single(vert or Hort)	Power	292				468									1	468
128-B Insulator mounting bracket-Double(vertical)	Power	292				937									1	937
128-C Insulator mounting bracket-Single over 40KV	Power	841				0								841	1	841
129-A Steel Crossarm, squirrel cage brcket, incl. Insul-Single	Power	550				0										Use 2015-2016 price
129-B Steel Crossarm, squirrel cage brcket, incl. Insul-Double	Power	491				0										Use 2015-2016 price
130 Double circuit sidemount insulators-Dreyfuss sunburst	Power	2308				0										Use 2015-2016 price
131 Insulator assembly bracket for endarm mounting	Power	646				411								946	2	679
132-A mounting bracket: two transformers	Power	389				480								320	2	400
132-B mounting bracket: three transformers	Power	599				673								453	2	563
NOTE: Refer to Item 120 for conductor cost.																
149 - Installation of power line equip. not listed-Special Agreement 1.2.																
INSTALLATION COSTS - COMMUNICATION CIRCUITS -----																
159-Semi-circular cable guard ("U" guard): installation	Communication	163			150		180	180	180	180	180	180	203		8	179
160 - A Crossarms-single wood service	Communication	234			310		270	270	270	270	270	270	101		8	254
160-B Crossarms-Double wood service	Communication	261			492		270	270	270	270	270	270	101		8	277
160-C Crossarms/Composite Fiberglass Arm	Communication	232			0		270	270	270	270	270	270	101		7	246
160-D Crossarms-Attach to existing arm no charge	Communication															
161 - A Guardarm-single wood service	Communication	243			310		270	270	270	270	270	270	101		8	254
161-B -Guardarms-Double wood service	Communication	280			492		360	360	360	360	360	360	101		8	344
161-C -Guardarms-Composite Fiberglass	Communication	225			0		270	270	270	270	270	270	101		7	246
163 - A Drive hook W/wedge grip unit-one wedge grip unit	Communication	91			130		45	45	45	45	45	45	34		8	54
163 - B Drive hook W/wedge grip unit-additional wedge-same hook each	Communication	49			66		45	45	45	45	45	45	34		8	46
164 - A Cable arm(install or attch to existing)-Single WOOD arm W/one cable	Communication	233			308		270	270	270	270	270	270	101		8	254
CF ARM	Communication	188			0		200	200	200	200	200	200	101		7	186
164 - B Cable arm(install or attch to existing)-Double WOOD arm W/one cable	Communication	253			423		270	270	270	270	270	270	101		8	268
CF ARM	Communication	200			0		200	200	200	200	200	200	101		7	186

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	Power or Communication or Both	2015-2016 PRICE	SCW	LLW	H/T	M	TCA	ATC	NXT	LAC	SPR	FON	FTR	E	Total # of Submitted Price	2017-2018 PRICE (formula)
164 - C Cable arm(install or attch to existing)-Extension WOOD arm W/one cable	Communication	230			433		270	270	270	270	270	270	101		8	269
CF ARM	Communication	182			0		200	200	200	200	200	200	203		7	200
164 - D Cable arm(install or attch to existing)-Additional cable/separ.mess.on same arm	Communication	202			139		270	270	270	270	270	270	203		8	245
164 - E Cable arm(install or attch to existing)-Attache to existing cable arm-NO CHARGE																
165 - Cable attached direct to interset pole, each	Communication	192			197		270	270	270	270	270	270	115		8	241
166 - A Messenger reinforcing units-reinforcing strap ea.	Communication	73			69		68	68	68	68	68	68	115		8	74
167 - A Messenger without cable - single arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - B Messenger without cable - Double arm	Communication	249			278		270	270	270	270	270	270	614		8	314
167 - C Messenger without cable - Extension arm	Communication	248			267		270	270	270	270	270	270	614		8	313
167 - D Messenger without cable - Direct to pole	Communication	248			267		270	270	270	270	270	270	614		8	313
167 -E Messenger without cable - additional messenger	Communication	234			75		270	270	270	270	270	270	614		8	289
168 - Multiple distribution service wire attached to pole/arm	Communication	92			133		90	90	90	90	90	90	137		8	101
169 -Protective covering - wood or plastic: (Box guard) Street light stds. (marbelite or metal), each location NOTE: Billing is optional, depending on policy of utility.	Communication	90			182		90	90	90	90	90	90	71		8	99
170 - Bonding to secondary neutral ground, per pole	Communication	123			64		180	180	180	180	180	180	81		8	153
199-Installation of wireless equipment or communication equipment not listed: Specify under this item number the nature thereof and the agreed cost under Section 1.2.																
			LEGEND:													
				= Do not enter price												
				= Notes, do not enter price												

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

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

25' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790
TCA		85.00	5.00	6.00	935.00	485.81	194.32 *		N/A	174.64	1790	1	486	1790
SPR		65.00	6.00	12.00	1170.00	480.00 (**)		468.00	78.00	175.50	2372	1	480	2372
FON		65.00	6.00	12.00	1170.00	480.00 (**)		468.00	78.00	175.50	2372	1	480	2372
NXT	4	237.38	2.00	6.00	1899.04	1223.49			147.13		3270	1	1223	3270
PBM		63.00	10.50	16.80	1719.90	488.25 **	*	*	*	*	2208	1	488	2208
	Salvage	607								TOTALS	13800	6	3643	13800
									Wgt Ave		2300		607	
	2016	PROP.	%											
	PRICE	2017	CHG.											
	2438	2300	-6											

30' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	4	2477	7906
TCA		85.00	5.00	6.00	935.00	619.17	247.64 *		N/A	174.64	1976	1	619	1976
SPR		65.00	6.00	12.00	1170.00	560.00 (**)		468.00	78.00	175.50	2452	1	560	2452
FON		65.00	6.00	12.00	1170.00	560.00 (**)		468.00	78.00	175.50	2452	1	560	2452
NXT	4	237.38	2.00	6.00	1899.04	1371.98			147.13		3418	1	1372	3418
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230
PBM		63.00	10.50	18.90	1852.2	611.10 **	*	*	*	*	2463	1	611	2463
	Salvage	760								TOTALS	18967	10	7599	24897
									Wgt Ave		2490		760	
	2016	PROP.	%											
	PRICE	2017	CHG.											
	2518	2490	-1											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

35' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	2	1509	4332	ATC
TCA		85.00	5.00	6.00	935.00	754.42	301.75 *		N/A	174.64	2166	1	754	2166	TCA
SPR		65.00	6.00	12.00	1170.00	625.00 (**)		468.00	78.00	175.50	2517	1	625	2517	SPR
FON		65.00	6.00	12.00	1170.00	625.00 (**)		468.00	78.00	175.50	2517	1	625	2517	FON
NXT	4	237.38	2.00	6.00	1899.04	1523.22			147.13		3569	1	1523	3569	NXT
TWN/S	3	53.00	18.00	12.00	1590.00	1400.00	0.00	600.00	375.00	265.00	4230	1	1400	4230	TWN/S
PBM		63.00	10.50	18.90	1852.20	756.00 **	*	*	*	*	2608	1	756	2608	PBM
V	2	92.58	1.00	4.00	462.9	410.00	41	416	200	100	1630	1	410	1630	V
											0	0	0	0	
	Salvage	845								TOTALS	21402	9	7602	23568	
									Wgt Ave		2619		845		

2016	PROP.	%
PRICE	2017	CHG.
2508	2619	4

40' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	3	2943	8660	ATC
TCA		85.00	5.00	10.00	1275.00	981.13	392.44 *		N/A	238.14	2887	1	981	2887	TCA
SPR		65.00	8.00	14.00	1430.00	728.00 (**)		572.00	78.00	214.50	3023	1	728	3023	SPR
FON		65.00	8.00	14.00	1430.00	728.00 (**)		572.00	78.00	214.50	3023	1	728	3023	FON
NXT	4	237.38	2.00	6.00	1899.04	1673.08			147.13		3719	1	1673	3719	NXT
PBM		63.00	10.50	27.30	2381.40	924.00 **	*	*	*	*	3305	1	924	3305	PBM
V	2	92.58	1.00	4.00	462.90	450.00	45.00	416.00	200.00	100.00	1674	1	450	1674	V
	Salvage	936								TOTALS	20517	9	8428	26290	
									Wgt Ave		2921		936		

2016	PROP.	%
PRICE	2017	CHG.
2741	2921	7

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

45' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	4	4988	13416	ATC
TCA		85.00	5.00	10.00	1275.00	1246.89	498.74	*	N/A	333.40	3354	1	1247	3354	TCA
SPR		65.00	8.00	18.00	1690.00	985.00	(**)	676.00	78.00	253.50	3683	2	1970	7365	SPR
FON		65.00	8.00	18.00	1690.00	985.00	(**)	676.00	78.00	253.50	3683	1	985	3683	FON
NXT	4	237.38	2.00	6.00	1899.04	1828.44			147.13		3875	1	1828	3875	NXT
PBM		63.00	10.50	29.40	2513.70	1092.00	**	*	*	*	3606	5	5460	18029	PBM
V	1	92.58	1.00	5.00	555.48	750.00	75.00	416.00	200.00	100.00	2096	1	750	2096	V
	Salvage	1149								TOTALS	23650	15	17228	51817	
									Wgt Ave		3454		1149		

2016	PROP.	%
PRICE	2017	CHG.
2806	3454	23

50' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017	ATC
TCA		85.00	5.00	16.00	1785.00	1356.40	542.57	*	N/A	333.40	4017	1	1356	4017	TCA
SPR		65.00	10.00	20.00	1950.00	1025.00	(**)	780.00	78.00	292.50	4126	1	1025	4126	SPR
FON		65.00	10.00	20.00	1950.00	1025.00	(**)	780.00	78.00	292.50	4126	1	1025	4126	FON
PBM		63.00	10.50	35.70	2910.60	1260.00	**	*	*	*	4171	4	5040	16682	PBM
V	1	92.58	1.00	8.00	833.22	900.00	90.00	416.00	200.00	100.00	2539	33	29700	83794	V
	Salvage	963								TOTALS	22996	41	39503	116762	
									Wgt Ave		2848		963		

2016	PROP.	%
PRICE	2017	CHG.
3760	2848	-24

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT WOOD (Weighted Average) POLE PRICES FOR **2017**

55' POLE		LOADED		NO. OF HOURS		LOADED		ENG		Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	2	3041	8723	ATC
TCA		85.00	5.00	16.00	1785.00	1520.28	608.09 *		N/A	448.20	4362	1	1520	4362	TCA
SPR		65.00	10.00	26.00	2340.00	1530.00 (**)		936.00	78.00	351.00	5235	1	1530	5235	SPR
FON		65.00	10.00	26.00	2340.00	1530.00 (**)		936.00	78.00	351.00	5235	1	1530	5235	FON
PBM		63.00	10.50	39.90	3175.20	1443.75 **	*	*	*		4619	1	1444	4619	PBM
V	1	92.58	1.00	8.00	833.22	975.00	97.50	416.00	200.00	100.00	2622	33	32175	86517	V
	Salvage	1057								TOTALS	26434	39	41240	114690	
									Wgt Ave		2941		1057		

2016	PROP.	%
PRICE	2017	CHG.
3892	2941	-24

60' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
ATC		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	ATC
TCA		85.00	5.00	20.00	2125.00	1693.34	677.45 *		N/A	396.90	4893	1	1693	4893	TCA
SPR		65.00	10.00	30.00	2600.00	2100.00 (**)		1340.00	78.00	390.00	6508	1	2100	6508	SPR
FON		65.00	10.00	30.00	2600.00	2100.00 (**)		1340.00	78.00	390.00	6508	1	2100	6508	FON
V	H2	92.58	1.00	8.00	833.22	1900.00	190.00	548.00	200.00	100.00	3771	7	13300	26399	V
	Salvage	1899								TOTALS	26573	11	20887	49200	
									Wgt Ave		4473		1899		

2016	PROP.	%
PRICE	2017	CHG.
4334	4473	3

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

65' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242
TCA		85.00	5.00	20.00	2125.00	1943.22	777.17 *		N/A	396.90	5242	1	1943	5242
SPR		65.00	18.00	38.00	3640.00	2480.00	(**)	1876.00	78.00	546.00	8620	1	2480	8620
FON		65.00	18.00	38.00	3640.00	2480.00	(**)	1876.00	78.00	546.00	8620	1	2480	8620
V	H2	92.58	1.00	8.50	879.51	1850.00	185.00	548.00	200.00	100.00	3763	6	11100	22575
	Salvage	1995								TOTALS	31487	10	19946	50300
									Wgt Ave		5030		1995	

2016	PROP.	%
PRICE	2017	CHG.
5560	5030	-10

70' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
ATC		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693
TCA		85.00	5.00	26.00	2635.00	3261.57	1304.62 *		N/A	492.16	7693	1	3262	7693
SPR		75.00	20.00	40.00	4500.00	2750.00	(**)	2010.00	78.00	675.00	10013	1	2750	10013
FON		75.00	20.00	40.00	4500.00	2750.00	(**)	2010.00	78.00	675.00	10013	1	2750	10013
V	H2	92.58	1.00	9.00	925.80	2120.00	212.00	548.00	200.00	100.00	4106	4	8480	16423
	Salvage	2563								TOTALS	39519	8	20503	51836
									Wgt Ave		6479		2563	

2016	PROP.	%
PRICE	2017	CHG.
7384	6479	-12

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

75' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		75.00	20.00	46.00	4950.00	3100.00	(**)	2211.00	78.00	742.50	11082	1	3100	11082
FON		75.00	20.00	46.00	4950.00	3100.00	(**)	2211.00	78.00	742.50	11082	1	3100	11082
V	H2	92.58	1.25	9.00	948.95	2200.00	220.00	736.00	200.00	100.00	4405	2	4400	8810
	Salvage	2650								TOTALS	26568	4	10600	30973
	2016	PROP.	%						Wgt Ave		7743			
	PRICE	2017	CHG.											
	7484	7743	3											

80' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	30.00	60.00	7650.00	3500.00	(**)	3015.00	78.00	1147.50	15391	1	3500	15391
FON		85.00	30.00	60.00	7650.00	3500.00	(**)	3015.00	78.00	1147.50	15391	1	3500	15391
V	H2	92.58	1.25	9.00	948.95	2950.00	295.00	736.00	200.00	100.00	5230	1	2950	5230
	Salvage	3317								TOTALS	36011	3	9950	36011
									Wgt Ave		12004			
	2016	PROP.	%											
	PRICE	2017	CHG.											
	11806	12004	2											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

85' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	30.00	66.00	8160.00	4200.00	(**)	3600.00	78.00	1224.00	17262	1	4200	17262
FON		85.00	30.00	66.00	8160.00	4200.00	(**)	3600.00	78.00	1224.00	17262	1	4200	17262
V	H2	92.58	1.25	10.00	1041.53	3300.00	330.00	736.00	200.00	100.00	5708	1	3300	5708
	Salvage	3900								TOTALS	40232	3	11700	40232
	2016	PROP.	%						Wgt Ave		13411			
	PRICE	2017	CHG.											
	16561	13411	-19											

90' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901
FON		85.00	40.00	70.00	9350.00	4670.00	(**)	4400.00	78.00	1402.50	19901	1	4670	19901
V	H3	92.58	1.25	10.00	1041.53	3950.00	395.00	736.00	200.00	100.00	6423	1	3950	6423
													0	0
	Salvage	4430								TOTALS	46224	3	13290	46224
	2016	PROP.	%						Wgt Ave		15408			
	PRICE	2017	CHG.											
	19648	15408	-22											

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

95' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	50.00	80.00	11050.00	6000.00	(**)	5200.00	78.00	1657.50	23986	1	6000	23986
FON		85.00	50.00	80.00	11050.00	6000.00	(**)	5200.00	78.00	1657.50	23986	1	6000	23986
V	H2	92.58	1.25	10.00	1041.53	2900.00	470.00	736.00	200.00	100.00	5448	1	2900	5448
	Salvage	4967												
										TOTALS	53419	3	14900	53419
									Wgt Ave		17806			

2016	PROP.	%
PRICE	2017	CHG.
23687	17806	-25

100' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen				
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS
SPR		85.00	60.00	80.00	11900.00	7000.00	(**)	6300.00	78.00	1785.00	27063	1	7000	27063
FON		85.00	60.00	80.00	11900.00	7000.00	(**)	6300.00	78.00	1785.00	27063	1	7000	27063
V	H3	92.58	1.25	11.00	1134.11	6450.00	470.00	736.00	200.00	100.00	9090	1	6450	9090
	Salvage	6817												
										TOTALS	63216	3	20450	63216
									Wgt Ave		21072			

2016	PROP.	%
PRICE	2017	CHG.
26741	21072	-21

SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
POLE COSTS SUBMITTED BY MEMBERS FOR USE IN DETERMINING
JOINT **WOOD** (Weighted Average) POLE PRICES FOR 2017

110' POLE		LOADED	NO. OF HOURS		LOADED				ENG	Gen					
	A.S.A	LABOR	TRANS.	DIG	LABOR	COST	SUPPLY	EQUIP	and	&		NO. OF	F.O.B.	TOTAL	
MBR	CLASS	RATE	HDLING	ERECT	DOLLARS	F.O.B.	EXP	EXPENSE	PLNG	Adm	TOTAL	POLES	COSTS	COSTS	
SPR		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118	SPR
FON		85.00	60.00	100.00	13600.00	8000.00	(**)	6400.00	78.00	2040.00	30118	1	8000	30118	FON
											0		0	0	
	Salvage	8000								TOTALS	60236	2	16000	60236	
									Wgt Ave		30118				

2016	PROP.	%
PRICE	2017	CHG.
29750	30118	1

NOTES:

ATC	Equipment expense included in column Direct Labor (loaded)
TCA	Equipment expense included in column Direct Labor (loaded)
SPR	Supply expense included in column Material Cost (FOB)
FON	Supply expense included in column Material Cost (FOB)
PBM	Supply expense included in column Material Cost (FOB); Equipment Expense, Engineering/Planning, General & Admin included in Direct Labor (loaded)

**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
Gerald Wayne Brown
(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
25' / 5	\$236.70	4.00	8.20	\$2,887.74	\$249.96	\$21.37	*	\$236.70	\$476.43	\$3,872.20	3,572	8.40%	250
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$324.42	\$27.74	*	\$236.70	\$487.77	\$3,964.37	3,674	7.90%	324
35' / 3	\$236.70	4.00	8.20	\$2,887.74	\$544.46	\$46.55	*	\$236.70	\$521.28	\$4,236.73	3,971	6.69%	544

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(909) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMENT EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
40' / 1	\$236.70	4.00	10.40	\$3,408.48	\$845.17	\$72.26	*	\$236.70	\$640.13	\$5,202.74		#DIV/0!	845
40' / 2	\$236.70	4.00	10.40	\$3,408.48	\$746.18	\$63.80	*	\$236.70	\$625.06	\$5,080.22	\$4,856.96	4.60%	746
40' / 3	\$236.70	4.00	10.40	\$3,408.48	\$638.52	\$54.59	*	\$236.70	\$608.66	\$4,946.95		#DIV/0!	639
40' / 4	\$236.70	4.00	10.40	\$3,408.48	\$548.87	\$46.93	*	\$236.70	\$595.01	\$4,835.99		#DIV/0!	549
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$469.75	\$40.16	*	\$236.70	\$582.96	\$4,738.05		#DIV/0!	470
40' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,258.28	\$107.58	*	\$236.70	\$703.05	\$5,714.09	\$5,394.95	5.92%	1,258
40' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,405.33	\$120.16	*	\$236.70	\$725.45	\$5,896.12	\$5,492.30	7.35%	1,405
40' / H3	\$236.70	4.00	10.40	\$3,408.48	\$1,693.70	\$144.81	*	\$236.70	\$769.36	\$6,253.05	\$5,908.61	5.83%	1,694

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323 2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
45' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,194.97	\$102.17	*	\$236.70	\$693.41	\$5,635.73		#DIV/0!	1,195
45' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,061.30	\$90.74	*	\$236.70	\$673.05	\$5,470.27	\$5,119.32	6.86%	1,061
45' / 3	\$236.70	4.00	10.40	\$3,408.48	\$799.11	\$68.32	*	\$236.70	\$633.12	\$5,145.73		#DIV/0!	799
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$647.32	\$55.35	*	\$236.70	\$610.00	\$4,957.85		#DIV/0!	647
45' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
45' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,463.47	\$125.13	*	\$236.70	\$734.30	\$5,968.08	\$5,584.07	6.88%	1,463
45' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,747.88	\$149.44	*	\$236.70	\$777.61	\$6,320.11	\$5,959.26	6.06%	1,748
45' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,014.90	\$172.27	*	\$236.70	\$818.28	\$6,650.63	\$6,279.07	5.92%	2,015
45' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,309.24	\$197.44	*	\$236.70	\$944.47	\$7,676.25	\$7,187.94	6.79%	2,309
45' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,489.78	\$212.88	*	\$236.70	\$971.96	\$7,899.72	\$7,455.24	5.96%	2,490

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,374.77	\$117.54	*	\$236.70	\$720.79	\$5,858.28		#DIV/0!	1,375
50' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,138.62	\$97.35	*	\$236.70	\$684.83	\$5,565.98	\$5,368.59	3.68%	1,139
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$920.44	\$78.70	*	\$236.70	\$651.60	\$5,295.92		#DIV/0!	920
50' / 4	\$236.70	4.00	10.40	\$3,408.48	\$815.65	\$69.74	*	\$236.70	\$635.64	\$5,166.21		#DIV/0!	816
50' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
50' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,718.52	\$146.93	*	\$236.70	\$773.14	\$6,283.77	\$5,921.60	6.12%	1,719
50' / H2	\$236.70	4.00	10.40	\$3,408.48	\$1,974.19	\$168.79	*	\$236.70	\$812.08	\$6,600.24	\$6,235.16	5.86%	1,974
50' / H3	\$236.70	4.00	10.40	\$3,408.48	\$2,297.83	\$196.46	*	\$236.70	\$861.37	\$7,000.84	\$6,655.45	5.19%	2,298
50' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,580.34	\$220.62	*	\$236.70	\$985.76	\$8,011.82	\$7,525.76	6.46%	2,580
50' / H5	\$236.70	4.25	12.60	\$3,988.40	\$2,853.04	\$243.94	*	\$236.70	\$1,027.29	\$8,349.37	\$7,901.08	5.67%	2,853

**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
Gerald Wayne Brown
(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
55' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,653.63	\$141.39	*	\$236.70	\$763.26	\$6,203.46		#DIV/0!	1,654
55' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,209.42	\$103.41	*	\$236.70	\$695.61	\$5,653.62	\$5,553.02	1.81%	1,209
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$998.31	\$85.36	*	\$236.70	\$663.46	\$5,392.31		#DIV/0!	998
55' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
55' / 5	\$236.70	4.00	10.40	\$3,408.48	\$700.62	\$59.90	*	\$236.70	\$618.12	\$5,023.82		#DIV/0!	701
55' / H1	\$236.70	4.00	10.40	\$3,408.48	\$1,895.78	\$162.09	*	\$236.70	\$800.14	\$6,503.19	\$6,161.63	5.54%	1,896
55' / H2	\$236.70	4.00	10.40	\$3,408.48	\$2,182.62	\$186.61	*	\$236.70	\$843.82	\$6,858.23	\$6,516.68	5.24%	2,183
55' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,647.13	\$226.33	*	\$236.70	\$995.93	\$8,094.49	\$7,698.59	5.14%	2,647
55' / H4	\$236.70	4.25	12.60	\$3,988.40	\$2,842.92	\$243.07	*	\$236.70	\$1,025.75	\$8,336.84	\$7,940.94	4.99%	2,843
55' / H5	\$236.70	4.25	12.60	\$3,988.40	\$3,210.57	\$274.50	*	\$236.70	\$1,081.74	\$8,791.91	\$8,396.01	4.72%	3,211

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
60' / 1	\$236.70	4.00	10.40	\$3,408.48	\$1,744.15	\$149.12	*	\$236.70	\$777.04	\$6,315.49	\$6,227.83	1.41%	1,744
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,424.63	\$121.81	*	\$236.70	\$728.38	\$5,920.00		#DIV/0!	1,425
60' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
60' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,321.35	\$198.48	*	\$236.70	\$946.31	\$7,691.24	\$7,347.38	4.68%	2,321
60' / H2	\$236.70	4.25	12.60	\$3,988.40	\$2,545.83	\$217.67	*	\$236.70	\$980.50	\$7,969.10	\$7,712.19	3.33%	2,546
60' / H3	\$236.70	4.25	12.60	\$3,988.40	\$2,911.22	\$248.91	*	\$236.70	\$1,036.15	\$8,421.38	\$8,152.26	3.30%	2,911
60' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,234.57	\$276.56	*	\$236.70	\$1,085.39	\$8,821.62	\$8,536.99	3.33%	3,235
60' / H5	\$236.70	4.25	15.50	\$4,674.83	\$3,566.40	\$304.93	*	\$236.70	\$1,232.24	\$10,015.10	\$9,691.67	3.34%	3,566

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951)323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
65' / 1	\$236.70	4.00	10.40	\$3,408.48	\$2,272.07	\$194.26	*	\$236.70	\$857.44	\$6,968.95	\$6,743.32	3.35%	2,272
65' / 2	\$236.70	4.00	10.40	\$3,408.48	\$1,887.35	\$161.37	*	\$236.70	\$798.85	\$6,492.75		#DIV/0!	1,887
65' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
65' / 5	\$236.70	4.00	10.40	\$3,408.48	\$674.64	\$57.68	*	\$236.70	\$614.16	\$4,991.66		#DIV/0!	675
65' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,619.88	\$224.00	*	\$236.70	\$991.78	\$8,060.76	\$7,757.39	3.91%	2,620
65' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,033.43	\$259.36	*	\$236.70	\$1,054.76	\$8,572.65	\$8,319.50	3.04%	3,033
65' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,386.79	\$289.57	*	\$236.70	\$1,108.58	\$9,010.04	\$8,641.03	4.27%	3,387
65' / H4	\$236.70	4.25	12.60	\$3,988.40	\$3,777.14	\$322.95	*	\$236.70	\$1,168.02	\$9,493.21	\$9,186.69	3.34%	3,777
65' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,148.91	\$354.73	*	\$236.70	\$1,320.95	\$10,736.12	\$9,905.72	8.38%	4,149

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
70' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,556.67	\$218.60	*	\$236.70	\$982.15	\$7,982.52	\$7,750.90	2.99%	2,557
70' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,170.44	\$185.57	*	\$236.70	\$841.97	\$6,843.16		#DIV/0!	2,170
70' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
70' / H1	\$236.70	4.25	12.60	\$3,988.40	\$2,868.38	\$245.25	*	\$236.70	\$1,029.62	\$8,368.35	\$7,788.51	7.44%	2,868
70' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,295.93	\$281.80	*	\$236.70	\$1,094.74	\$8,897.57	\$8,353.66	6.51%	3,296
70' / H3	\$236.70	4.25	12.60	\$3,988.40	\$3,733.78	\$319.24	*	\$236.70	\$1,161.42	\$9,439.54	\$8,679.36	8.76%	3,734
70' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,283.61	\$366.25	*	\$236.70	\$1,341.46	\$10,902.85	\$9,948.14	9.60%	4,284
70' / H5	\$236.70	4.25	15.50	\$4,674.83	\$4,640.33	\$396.75	*	\$236.70	\$1,395.79	\$11,344.40		#DIV/0!	4,640

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
75' / 1	\$236.70	4.25	12.60	\$3,988.40	\$2,888.96	\$247.01	*	\$236.70	\$1,032.76	\$8,393.83	\$8,142.36	3.09%	2,889
75' / 2	\$236.70	4.00	10.40	\$3,408.48	\$2,390.18	\$204.36	*	\$236.70	\$875.43	\$7,115.15		#DIV/0!	2,390
75' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
75' / 5	\$236.70	4.00	10.40	\$3,408.48	\$835.75	\$71.46	*	\$236.70	\$638.70	\$5,191.09		-36.25%	836
75' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,174.41	\$271.41	*	\$236.70	\$1,076.23	\$8,747.15	\$8,484.37	3.10%	3,174
75' / H2	\$236.70	4.25	12.60	\$3,988.40	\$3,730.23	\$318.93	*	\$236.70	\$1,160.88	\$9,435.14	\$9,076.81	3.95%	3,730
75' / H3	\$236.70	4.25	12.60	\$3,988.40	\$4,198.43	\$358.97	*	\$236.70	\$1,232.18	\$10,014.68	\$9,547.36	4.89%	4,198
75' / H4	\$236.70	4.25	15.50	\$4,674.83	\$4,847.99	\$414.50	*	\$236.70	\$1,427.41	\$11,601.43	\$11,037.08	5.11%	4,848
75' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,665.19	\$484.37	*	\$236.70	\$1,551.87	\$12,612.96	\$11,662.16	8.15%	5,665

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	EQUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
80' / 1	\$236.70	4.25	12.60	\$3,988.40	\$1,921.51	\$164.29	*	\$236.70	\$885.42	\$7,196.32	\$8,760.74	-17.86%	1,922
80' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
80' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		-52.55%	0
80' / H1	\$236.70	4.25	12.60	\$3,988.40	\$3,692.44	\$315.70	*	\$236.70	\$1,155.12	\$9,388.36	\$8,873.23	5.81%	3,692
80' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,130.61	\$353.17	*	\$236.70	\$1,318.16	\$10,713.47	\$10,358.98	3.42%	4,131
80' / H3	\$236.70	4.25	15.50	\$4,674.83	\$4,750.22	\$406.14	*	\$236.70	\$1,412.52	\$11,480.41	\$10,889.86	5.42%	4,750
80' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,329.08	\$455.64	*	\$236.70	\$1,500.68	\$12,196.93	\$11,559.10	5.52%	5,329
80' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,149.42	\$525.77	*	\$236.70	\$1,625.62	\$13,212.34	\$12,396.10	6.58%	6,149

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
85' / 1	\$236.70	4.25	12.60	\$3,988.40	\$3,400.56	\$290.75	*	\$236.70	\$1,110.67	\$9,027.08	\$9,181.49	-1.68%	3,401
85' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
85' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,584.27	\$135.46	*	\$236.70	\$752.70	\$6,117.61		-33.37%	1,584
85' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,113.35	\$351.69	*	\$236.70	\$1,315.53	\$10,692.10	\$9,910.66	7.88%	4,113
85' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,220.06	\$360.82	*	\$236.70	\$1,331.79	\$10,824.20	\$10,794.92	0.27%	4,220
85' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,053.91	\$432.11	*	\$236.70	\$1,458.78	\$11,856.33	\$11,369.91	4.28%	5,054
85' / H4	\$236.70	4.25	15.50	\$4,674.83	\$5,796.78	\$495.62	*	\$236.70	\$1,571.91	\$12,775.84	\$12,199.73	4.72%	5,797
85' / H5	\$236.70	4.25	15.50	\$4,674.83	\$6,665.38	\$569.89	*	\$236.70	\$1,704.20	\$13,851.00	\$13,261.94	4.44%	6,665

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

SCJPC Member Company Submitting:	SOUTHERN CALIFORNIA EDISON COMPANY
Person Completing Worksheet:	Gerald Wayne Brown
Call Back Telephone Number:	(951) 323-2354

2017 JOINT 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	2016 COST	% Difference	Salvage (Material Cost FOB)
90' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,087.03	\$349.44	*	\$236.70	\$1,311.52	\$10,659.52	\$10,661.12	-0.02%	4,087
90' / 2	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 3	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 4	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / 5	\$236.70	4.00	10.40	\$3,408.48	\$0.00	\$0.00	*	\$236.70	\$511.42	\$4,156.60		#DIV/0!	0
90' / H1	\$236.70	4.25	15.50	\$4,674.83	\$4,249.68	\$363.35	*	\$236.70	\$1,336.30	\$10,860.86	\$10,629.59	2.18%	4,250
90' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,669.21	\$399.22	*	\$236.70	\$1,400.19	\$11,380.15	\$10,314.60	10.33%	4,669
90' / H3	\$236.70	4.25	15.50	\$4,674.83	\$5,393.87	\$461.18	*	\$236.70	\$1,510.55	\$12,277.13	\$12,134.11	1.18%	5,394
90' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,394.71	\$546.75	*	\$236.70	\$1,662.97	\$13,515.96	\$12,982.16	4.11%	6,395
90' / H5	\$236.70	4.25	15.50	\$4,674.83	\$7,080.36	\$605.37	*	\$236.70	\$1,767.40	\$14,364.66	\$14,122.71	1.71%	7,080

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

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

(951) 323-2354

2017 JOINT WOOD POLE PRICES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)			
POLE LENGTH / CLASS	DIRECT LABOR (LOADED)	TRANSPORT & HANDLNG (HOURS)	EXCAVATING & ERECTING (HOURS)	TOTAL DIRECT LABOR (LOADED)	MATERIAL COST (FOB)	SUPPLY EXPENSE 8.55%	QUIPMEN EXPENSE	ENGINEERING AND PLANNING	GENERAL & ADMIN. 14.03%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
95' / 1	\$236.70	4.25	15.50	\$4,674.83	\$4,218.09	\$360.65	*	\$236.70	\$1,331.48	\$10,821.75	\$11,080.79	-2.34%	4,218
95' / 2	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 3	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 4	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		#DIV/0!	0
95' / 5	\$0.00	0.00	0.00	\$0.00	\$0.00	\$0.00	*	\$0.00	\$0.00	\$0.00		-100.00%	0
95' / H1	\$236.70	4.25	15.50	\$4,674.83	\$3,204.97	\$274.02	*	\$236.70	\$1,177.19	\$9,567.71	\$11,342.52	-15.65%	3,205
95' / H2	\$236.70	4.25	15.50	\$4,674.83	\$4,638.12	\$396.56	*	\$236.70	\$1,395.45	\$11,341.66	\$11,756.50	-3.53%	4,638
95' / H3	\$236.70	4.25	15.50	\$4,674.83	\$3,997.24	\$341.76	*	\$236.70	\$1,297.85	\$10,548.38	\$12,647.40	-16.60%	3,997
95' / H4	\$236.70	4.25	15.50	\$4,674.83	\$6,832.09	\$584.14	*	\$236.70	\$1,729.58	\$14,057.34	\$13,518.88	3.98%	6,832
95' / H5	\$236.70	4.25	15.50	\$4,674.83	\$5,515.70	\$471.59	*	\$236.70	\$1,529.10	\$12,427.92	\$14,708.82	-15.51%	5,516

**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

Gerald Wayne Brown

(951) 323-2354

2017 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. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----			
30' / 5	\$236.70	4.00	8.20	\$2,887.74	\$864.16	\$73.89	*	\$236.70	\$528.12	\$4,590.61	\$4,372.06	5.00%	864
35' / 5	\$236.70	4.00	8.20	\$2,887.74	\$1,690.25	\$144.52	*	\$236.70	\$644.70	\$5,603.91	\$5,394.77	3.88%	1,690
40' / 5	\$236.70	4.00	10.40	\$3,408.48	\$1,945.58	\$166.35	*	\$236.70	\$748.42	\$6,505.53	\$6,262.29	3.88%	1,946
45' / 4	\$236.70	4.00	10.40	\$3,408.48	\$2,092.31	\$178.89	*	\$236.70	\$769.13	\$6,685.51	\$6,449.77	3.66%	2,092
50' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,572.37	\$219.94	*	\$236.70	\$836.87	\$7,274.36	\$7,044.09	3.27%	2,572
55' / 3	\$236.70	4.00	10.40	\$3,408.48	\$2,885.30	\$246.69	*	\$236.70	\$881.03	\$7,658.20	\$7,499.62	2.11%	2,885
60' / 2	\$236.70	4.00	10.40	\$3,408.48	\$5,749.13	\$491.55	*	\$236.70	\$1,285.16	\$11,171.02	\$11,098.81	0.65%	5,749
65' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,361.66	\$458.42	*	\$236.70	\$1,298.18	\$11,284.18	\$11,086.73	1.78%	5,362
70' / H3	\$236.70	4.00	12.60	\$3,929.22	\$5,366.39	\$458.83	*	\$236.70	\$1,298.85	\$11,289.99	\$11,092.58	1.78%	5,366
75' / H3	\$236.70	4.00	12.60	\$3,929.22	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
80' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
85' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
90' / H3	\$236.70	4.00	14.80	\$4,449.96	N/A	N/A	*	\$236.70	N/A	N/A		#VALUE!	N/A
95'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
100'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
105'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----
110'	----	----	----	----	----	----	----	----	----	----		#VALUE!	----

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

SCJPC Member Company Submitting:

SOUTHERN CALIFORNIA EDISON COMPANY

Person Completing Worksheet:

Gerald Wayne Brown

Call Back Telephone Number:

951-323-2354

2017 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. 13.00%	TOTAL COST	2016 COST	% Difference	Salvage (Material Cost FOB)
25'	----	----	----	----	----	----	----	----	----	----	----			
30'	----	----	----	----	----	----	----	----	----	----	----			
35'	----	----	----	----	----	----	----	----	----	----	----			
40' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,152.96	\$269.58	*	\$236.70	\$410.00	\$972.10	\$8,449.82	8,649.36	-2.31%	3,153
45' / H5	\$236.70	4.00	10.40	\$3,408.48	\$3,490.66	\$298.45	*	\$236.70	\$410.00	\$1,019.76	\$8,864.05	9,119.97	-2.81%	3,491
50' / 1	\$236.70	4.00	10.40	\$3,408.48	\$3,365.95	\$287.79	*	\$236.70	\$580.00	\$1,024.26	\$8,903.18	8,678.00	2.59%	3,366
55' / 1	\$236.70	5.00	10.40	\$3,645.18	\$3,426.43	\$292.96	*	\$236.70	\$580.00	\$1,063.57	\$9,244.84	9,471.41	-2.39%	3,426
60' / 1	\$236.70	5.00	10.40	\$3,645.18	\$4,150.82	\$354.90	*	\$236.70	\$580.00	\$1,165.79	\$10,133.39	10,035.83	0.97%	4,151
65' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,376.16	\$374.16	*	\$236.70	\$850.00	\$1,300.38	\$11,303.32	10,627.10	6.36%	4,376
70' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,610.44	\$394.19	*	\$236.70	\$850.00	\$1,333.44	\$11,590.69	10,903.58	6.30%	4,610
75' / 1	\$236.70	5.00	12.60	\$4,165.92	\$4,900.31	\$418.98	*	\$236.70	\$790.00	\$1,366.55	\$11,878.46	11,322.31	4.91%	4,900
80' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,151.84	\$440.48	*	\$236.70	\$790.00	\$1,402.04	\$12,186.98	11,619.85	4.88%	5,152
85' / 1	\$236.70	5.00	12.60	\$4,165.92	\$5,409.28	\$462.49	*	\$236.70	\$1,000.00	\$1,465.67	\$12,740.06	12,165.34	4.72%	5,409
90' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,652.00	\$483.25	*	\$236.70	\$1,230.00	\$1,619.06	\$14,073.36	13,467.75	4.50%	5,652
95' / 1	\$236.70	5.00	15.50	\$4,852.35	\$5,894.80	\$504.01	*	\$236.70	\$1,230.00	\$1,653.32	\$14,371.18	13,797.31	4.16%	5,895
100' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,144.23	\$525.33	*	\$236.70	\$1,230.00	\$1,688.52	\$14,677.13	13,957.47	5.16%	6,144
105' / 1	\$236.70	5.00	15.50	\$4,852.35	\$6,386.65	\$546.06	*	\$236.70	\$1,230.00	\$1,722.73	\$14,974.49	14,234.39	5.20%	6,387
110' / 1	\$236.70	5.00	15.50	\$4,852.35	\$7,254.58	\$620.27	*	\$236.70	\$1,230.00	\$1,845.21	\$16,039.11	15,330.56	4.62%	7,255

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
February 10, 2017

SCJPC Member Utility submitting: **FRONTIER**

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.		
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	
25'	2	75	8	11	1425	356	31	*	92	28	1,933	1879.55
	3	75	8	11	1425	297	25	*	92	28	1,868	1814.63
	4	75	8	11	1425	251	21	*	92	28	1,817	1764
	5	75	8	11	1425	220	19	*	92	28	1,784	1731.45
30'	2	75	8	11	1425	474	41	*	92	28	2,061	2007.51
	3	75	8	11	1425	391	33	*	92	28	1,969	1915.89
	4	75	8	11	1425	344	29	*	92	28	1,919	1865.61
	5	75	8	11	1425	289	25	*	92	28	1,860	1806.59
35'	2	75	8	11	1425	569	49	*	92	28	2,163	2110.38
	3	75	8	11	1425	487	42	*	92	28	2,074	2021.37
	4	75	8	11	1425	441	38	*	92	28	2,024	1970.74
	5	75	8	11	1425	336	31	*	92	28	1,912	1859.47
40'	2	75	8	11	1425	712	61	*	92	28	2,319	2265.49
	3	75	8	11	1425	617	51	*	92	28	2,214	2160.62
	4	75	8	11	1425	553	45	*	92	28	2,143	2089.75
	5	75	8	11	1425	450	39	*	92	28	2,034	1981.39
45'	2	75	8	11	1425	868	74	*	92	28	2,487	2434.47
	3	75	8	11	1425	800	67	*	92	28	2,412	2359.03
	4	75	8	11	1425	643	55	*	92	28	2,243	2190.35
	5	75	8	11	1425	560	48	*	92	28	2,153	2099.74
50'	2	75	8	14	1650	1238	87	*	92	28	3,095	3033.81

4/5/2017

	3	75	8	14	1650	873	75	*	92	28	2,718	2656.95
	4	75	8	14	1650	749	64	*	92	28	2,584	2522.14
	5											
55'	2	75	8	14	1650	1359	100	*	92	28	3,229	3167.57
	3	75	8	14	1650	1029	88	*	92	28	2,887	2825.93
	4											
60'	2	75	8	14	1650	1351	116	*	92	28	3,237	3175.53
	3	75	8	14	1650	1150	98	*	92	28	3,018	2956.53
65'	2	75	8	14	1650	1648	141	*	92	28	3,559	3498.01
	3	75	8	14	1650	1319	113	*	92	28	3,202	3140.37
70'		0	0	0	0						0	
75'		0	0	0	0						0	
80'		0	0	0	0						0	
85'		0	0	0	0						0	
90'		0	0	0	0						0	
95'		0	0	0	0						0	
100'		0	0	0	0						0	
110'		0	0	0	0						0	

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

City of Burbank

Person completing worksheet:

Ayman Arraj

Call Back Telephone Number & Email:

(818)238-3639

aaraj@burbankca.gov

Weighted Average

Individual Costs

X

(First year)

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
40'	2	151.73	1.5	19.00	3110.47	719.99	71.99**	642.40	101.85	0	4574.71	N/A	N/A
45'	2	151.73	1.5	19.00	3110.47	858.05	85.8**	642.40	101.85	0	4712.77	N/A	N/A
50'	2	151.73	1.5	19.50	3186.33	992.87	99.28**	679.83	101.85	0	4960.88	N/A	N/A
55'	2	151.73	1.5	19.50	3186.33	1116.77	111.67**	774.73	101.85	0	5179.68	N/A	N/A
60'	2	151.73	1.5	19.50	3186.33	1598.26	159.82**	831.30	101.85	0	5717.74	N/A	N/A
65'	2	151.73	1.5	20.00	3262.20	1995.55	199.55**	907.03	101.85	0	6266.62	N/A	N/A
65'	H1	151.73	1.5	20.00	3262.20	3797.29	379.72**	907.03	101.85	0	8068.36	N/A	N/A
70'	2	151.73	1.5	20.50	3338.06	1995.36	199.53**	982.78	101.85	0	6418.05	N/A	N/A
70'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	982.78	101.85	0	8606.49	N/A	N/A
75'	2	151.73	1.5	20.50	3338.06	2324.23	232.42**	1057.60	101.85	0	6821.74	N/A	N/A
75'	H1	151.73	1.5	20.50	3338.06	4183.80	418.38**	1057.60	101.85	0	8681.31	N/A	N/A

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

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

Please submit to SCJPC by:
December 30, 2016

SCJPC Member Utility submitting: **Pasadena Water & Power**

Person completing worksheet: **Joe Armstrong**

Call Back Telephone Number & Email: **626-744-3705 / jarmstrong@cityofpasadena.net**

Weighted Average

Individual Costs

X

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'	5	108.18	8.5	12	2217.69	215.48	64.64	186.94	191.88	1445.74	4322.38	4252.84	2%
30'	5	108.18	8.5	12	2217.69	302.17	90.65	186.94	191.88	1445.74	4435.07	4365.54	2%
35'	5	108.18	8.5	12	2217.69	358.13	107.44	186.94	191.88	1445.74	4507.82	4438.29	2%
40'	5	108.18	8.5	13	2325.87	672.1	201.63	186.94	191.88	1510.65	5089.07	5016.14	1%
45'	3	108.18	8.5	13	2325.87	812.71	243.81	186.94	191.88	1510.65	5271.86	5198.93	1%
50'	3	108.18	8.5	14	2434.05	934.39	280.32	186.94	191.88	1575.56	5603.14	5526.82	1%
55'	2	108.18	8.5	14	2434.05	1095.83	328.75	186.94	191.88	1575.56	5813.01	5720.63	2%
60'	2	108.18	8.5	14	2434.05	1257.1	377.13	186.94	191.88	1575.56	6022.66	5946.34	1%
65'	2	108.18	8.5	14	2434.05	1398.67	419.60	186.94	191.88	1575.56	6206.70	6018.72	3%
70'	2	108.18	8.5	15	2542.23	1891.5	567.45	186.94	191.88	1640.47	7020.47	6834.69	3%
75'	2	108.18	8.5	15	2542.23	2240.71	672.21	186.94	191.88	1640.47	7474.439	7254.14	3%
80'	2	108.18	8.5	16	2650.41	2394.68	718.40	186.94	191.88	1705.37	7847.69	7764.58	1%
85'	2	108.18	8.5	16	2650.41	2660.43	798.13	186.94	191.88	1705.37	8193.16	8110.06	1%
90'	2	108.18	8.5	16	2650.41	2967.56	890.27	186.94	191.88	1705.37	8592.43	8509.33	1%
95'	2	108.18	8.5	16	2650.41	3596.25	1078.88	186.94	191.88	1705.37	9409.73	9326.63	1%
100'	H1	108.18	8.5	16	2650.41	4054.7	1216.41	186.94	191.88	1705.37	10005.71	9922.61	1%
110'	H1	108.18	8.5	16	2650.41	6523.40	1957.02	186.94	191.88	1705.37	13215.024	13131.92	1%

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **SCW (Bear Valley)**

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

xxxxxxx

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	12		
Pole	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		\$0.00	0	0	\$0.00						0		
30'		\$0.00	0	0	\$0.00						0		
35'	3	\$94.90	1	4	\$474.50	479.61	0	489.6	206.04	446.6	2096.35	2078.83	1%
40'	1	\$94.90	1	4	\$474.50	824.05	0	489.6	206.04	446.6	2440.79	2187.75	12%
45'	1	\$94.90	1	5	\$569.40	980.13	0	489.6	206.04	446.6	2691.77	2520.01	7%
50'	1	\$94.90	1	8	\$854.10	1115.83	0	489.6	206.04	446.6	3112.17	3859.87	-19%
55'	H3	\$94.90	1	8	\$854.10	2083.38	0	489.6	206.04	446.6	4079.72	3651.54	12%
60'	H2	\$94.90	1	8	\$854.10	1983.3	0	589.96	206.04	446.6	4080	3889.1	5%
65'	H4	\$94.90	1	8.5	\$901.55	2474.73		558.96	206.04	446.6	4587.88	4427.49	4%
70'		\$0.00	0	0	\$0.00						0		
75'		\$0.00	0	0	\$0.00						0		
80'		\$0.00	0	0	\$0.00						0		
85'		\$0.00	0	0	\$0.00						0		
90'		\$0.00	0	0	\$0.00						0		
95'		\$0.00	0	0	\$0.00						0		
100'		\$0.00	0	0	\$0.00						0		
110'		\$0.00	0	0	\$0.00						0		

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: City of Lompoc

Person completing worksheet: David Campo

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

Weighted Average

Individual Costs

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	12		
Pole	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		
30'	3	176	4	7.5	2024	275.01	24.75	379.5	*	*	2703.26	2172	24%
35'	3	176	4	7.5	2024	384.42	34.59	379.5	*	*	2822.51	2289.72	23%
40'	3	176	4	10	2464	420.24	37.82	462	*	*	3384.06	3453.6	-2%
45'	3	176	4	10	2464	641.93	57.77	462	*	*	3625.7	2942.28	23%
50'	3	176	4	10	2464	844.36	75.99	462	*	*	3846.35	2999.52	28%
55'		0	0	0	0						0		
60'		0	0	0	0						0		
65'		0	0	0	0						0		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

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

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

4/5/2017

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2017 Pole Prices worksheet Draft 05 ALL COMBINED
2017 LLW WOOD

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Wood** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: **LAC**

Person completing worksheet: **YVONNE JOHNSON**

Call Back Telephone Number & Email: **818-898-2352 YVONNE.JOHNSON@CABLEENG.COM**

Weighted Average

Individual Costs

X

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference	Salvage 2017
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.				
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
25'		85	5	6	935	485.81	194.32	*	N/A	174.64	1789.77	1789.77	0%	486
30'		85	5	6	935	619.17	247.637	*	N/A	174.64	1976.48	1976.48	0%	619
35'		85	5	6	935	754.42	301.75	*	N/A	174.64	2165.81	2165.81	0%	754
40'		85	5	10	1275	981.13	392.44	*	N/A	238.14	2886.71	2886.71	0%	981
45'		85	5	10	1275	1246.89	498.74	*	N/A	333.4	3354.03	3354.03	0%	1247
50'		85	5	16	1785	1356.4	542.57	*	N/A	333.4	4017.37	4017.37	0%	1356
55'		85	5	16	1785	1520.28	608.09	*	N/A	448.2	4246.77	4246.77	0%	1520
60'		85	5	20	2125	1693.34	677.45	*	N/A	396.9	4892.69	4892.69	0%	1693
65'		85	5	20	2125	1943.22	777.17	*	N/A	396.9	5242.29	5242.29	0%	1943
70'		85	5	26	2635	3261.57	1304.62	*	N/A	492.16	7693.35	7693.35	0%	3262
75'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
80'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
85'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
90'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
95'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
100'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES
110'		85	5	30	2975	SEE NOTE BELOW		*	N/A	555.66	3530.66	3530.66	0%	NO 2017 PRICES

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

(*) Cost Included in Column #2

(**) Cost Included in Column #6

(***) Cost Included in Column #10

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: AT&T California

Person completing worksheet: Manijeh Carmichael

Call Back Telephone Number & Email: (626) 578-3677 mn2861@att.com

Weighted Average

Individual Costs

X

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		128	1	9	1280	247			151	75	1753	1629	8%
30'		128	1	9	1280	288			151	75	1794	1664	8%
35'		128	1	12	1664	352			151	75	2242	2080	8%
40'		128	1	12	1664	458			151	75	2348	2173	8%
45'		128	1	12	1664	535			151	75	2425	2240	8%
50'		128	1	12	1664	708			151	75	2598	2391	9%
55'		128	1	15	2048	828			151	75	3102	2856	9%
60'		128	1	15	2048	1097			151	75	3371	N/A	#VALUE!
65'		0	0	0	0						0		
70'		0	0	0	0						0		
75'		0	0	0	0						0		
80'		0	0	0	0						0		
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		
110'		0	0	0	0						0		

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

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

(*****)

4/5/2017

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

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2017 Pole Prices worksheet Draft 05 ALL COMBINED
2017 H-T WOOD

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'	3	138.80	4	16.65	\$2,866.22	\$428.00	\$89.88	\$281.01	\$178.64	\$224.81	\$4,069	3448	18%
40'	3	138.80	4	16.65	\$2,866.22	\$522.00	\$109.62	\$281.01	\$178.64	\$224.81	\$4,182	3562	17%
45'	2	138.80	4	16.65	\$2,866.22	\$709.00	\$148.89	\$281.01	\$178.64	\$224.81	\$4,409	3788	16%
50'	2	138.80	4	16.65	\$2,866.22	\$822.00	\$172.62	\$281.01	\$178.64	\$224.81	\$4,545	3925	16%
50'	H3	138.80	4	16.65	\$2,866.22	\$1,615.00	\$339.15	\$281.01	\$178.64	\$224.81	\$5,505	4884	13%
55'	2	138.80	4	16.65	\$2,866.22	\$964.00	\$202.44	\$281.01	\$178.64	\$224.81	\$4,717	4097	15%
55'	H3	138.80	4	16.65	\$2,866.22	\$1,912.00	\$401.52	\$281.01	\$178.64	\$224.81	\$5,864	5244	12%
60'	2	138.80	4	16.65	\$2,866.22	\$1,117.00	\$234.57	\$281.01	\$178.64	\$224.81	\$4,902	4282	14%
65'	2	138.80	4	19.85	\$3,310.38	\$1,322.00	\$277.62	\$324.55	\$178.64	\$259.65	\$5,673	4772	19%
70'	2	138.80	4	19.85	\$3,310.38	\$1,453.00	\$305.13	\$324.55	\$178.64	\$259.65	\$5,831	4931	18%
70'	H3	138.80	4	19.85	\$3,310.38	\$2,810.00	\$590.10	\$324.55	\$178.64	\$259.65	\$7,473	6573	14%
75'	2	138.80	4	19.85	\$3,310.38	\$1,704.00	\$357.84	\$324.55	\$178.64	\$259.65	\$6,135	5234	17%
80'	2	138.80	4	19.85	\$3,310.38	\$1,950.00	\$409.50	\$324.55	\$178.64	\$259.65	\$6,433	5532	16%
85'	2	138.80	4	19.85	\$3,310.38	\$2,191.00	\$460.11	\$324.55	\$178.64	\$259.65	\$6,724	5824	15%
90'	2	138.80	4	19.85	\$3,310.38	\$2,576.00	\$540.96	\$324.55	\$178.64	\$259.65	\$7,190	6289	14%
95'	2	138.80	4	19.85	\$3,310.38	\$2,906.00	\$610.26	\$324.55	\$178.64	\$259.65	\$7,589	6689	13%
100'	2	138.80	4	19.85	\$3,310.38	\$3,308.00	\$694.68	\$324.55	\$178.64	\$259.65	\$8,076	7175	13%
110'	1	138.80	4	19.85	\$3,310.38	\$4,993.00	\$1,048.53	\$324.55	\$178.64	\$259.65	\$10,115	9214	10%

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Composite Fiberglass (CF) Pole Set/ Replacement

Please submit to SCJPC by:
 September 30, 2016

SCJPC Member Utility submitting: **LADWP**

Person completing worksheet: **Jeff Williams**

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

***** **Weighted Average** **Individual Costs** **XXXXXXXXX**

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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.			
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,315.91	\$276.34	\$281.01	\$178.64	\$224.81	\$5,143	4526	14%
45'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,492.01	\$313.32	\$281.01	\$178.64	\$224.81	\$5,356	4739	13%
50'	115,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$1,890.09	\$396.92	\$281.01	\$178.64	\$224.81	\$5,838	5222	12%
55'		0	0	0	0						0		#DIV/0!
60'		0	0	0	0						0		#DIV/0!
65'		0	0	0	0						0		#DIV/0!
70'		0	0	0	0						0		#DIV/0!
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!
													#DIV/0!

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For **Composite Fiberglass Multi Pieces (CM)** Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB) (\$)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'	96,500 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,683.03	\$563.44	\$281.01	\$178.64	\$224.81	\$6,797	6168	10%
45'	97,5000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,810.31	\$590.17	\$281.01	\$178.64	\$224.81	\$6,951	6322	10%
50'	101,300 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$2,917.22	\$612.62	\$281.01	\$178.64	\$224.81	\$7,081	6451	10%
55'	136,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$3,023.11	\$634.85	\$281.01	\$178.64	\$224.81	\$7,209	6579	10%
60'	150,000 ft-lbs	\$138.80	4	16.65	\$2,866.22	\$3,171.78	\$666.07	\$281.01	\$178.64	\$224.81	\$7,389	6758	9%
40'		0	0	0	0						0		#DIV/0!
45'		0	0	0	0						0		#DIV/0!
50'		0	0	0	0						0		#DIV/0!
55'		0	0	0	0						0		#DIV/0!
60'		0	0	0	0						0		#DIV/0!
65'		0	0	0	0						0		#DIV/0!
70'		0	0	0	0						0		#DIV/0!
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		
90'		0	0	0	0						0		
95'		0	0	0	0						0		
100'		0	0	0	0						0		

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

(*)

Cost Included in Column #2

(**)

Cost Included in Column #6

(***)

Cost Included in Column #10

(****)

4/5/2017

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

2017 Pole Prices worksheet Draft 05 ALL COMBINED
2017 M FBGLASS MULTI (CM)

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Lightweight Steel Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting: LADWP

Person completing worksheet: Jeff Williams

Call Back Telephone Number & Email: 213-367-2745 jeffery.williams@ladwp.com

***** Weighted Average 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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply Expense	Equipment Expense	1 Hour Engineering &	General &	Total Cost PROPOSED 2017	2016 COST	% Difference	Salvage 2017
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)			Planning	Admin.				
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)			
32.5'	230000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,156.48	\$452.86	\$324.55	\$178.64	\$259.65	\$6,683	5527	21%	2156
35'		0	0	0	0						\$0		#DIV/0!	0
40'		0	0	0	0						\$0		#DIV/0!	0
45'		0	0	0	0						\$0		#DIV/0!	0
50'	170,000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,422.88	\$508.80	\$324.55	\$178.64	\$259.65	\$7,005	5848	20%	2423
55'	189300 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,356.26	\$704.81	\$324.55	\$178.64	\$259.65	\$8,134	6972	17%	3356
60'	208000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,571.13	\$749.94	\$324.55	\$178.64	\$259.65	\$8,394	7230	16%	3571
65'	226700 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,789.88	\$795.87	\$324.55	\$178.64	\$259.65	\$8,659	7736	12%	3790
70'	245000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,210.88	\$884.28	\$393.95	\$178.64	\$315.17	\$10,001	8243	21%	4211
70' Heavy	318600 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,448.11	\$934.10	\$393.95	\$178.64	\$315.17	\$10,288	8529	21%	4448
75'	264,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,521.03	\$949.42	\$393.95	\$178.64	\$315.17	\$10,376	8617	20%	4521
75' Heavy	343,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,746.59	\$996.78	\$393.95	\$178.64	\$315.17	\$10,649	8888	20%	4747
80'	282,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,416.44	\$927.45	\$393.95	\$178.64	\$315.17	\$10,250	8506	20%	4416
80' Heavy	367,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,725.85	\$992.43	\$393.95	\$178.64	\$315.17	\$10,624	8880	20%	4726
85'	301,600 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,611.14	\$968.34	\$393.95	\$178.64	\$315.17	\$10,486	8742	20%	4611
90'	320,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$4,955.25	\$1,040.60	\$393.95	\$178.64	\$315.17	\$10,902	9157	19%	4955
100'	357,800 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$5,558.63	\$1,167.31	\$393.95	\$178.64	\$315.17	\$11,632	9886	18%	5559
110'	395,000 ft-lbs	\$138.80	4	24.95	\$4,018.26	\$7,106.61	\$1,492.39	\$393.95	\$178.64	\$315.17	\$13,505	11755	15%	7107

5527 WAS PRICE FOR 30' POLE IN 2016

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Concrete Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

***** Weighted Average 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	Pole	Direct Labor	Transport &	Digging &	Total Direct	Material Cost	Supply	Equipment	1 Hour	General &	Total Cost	2016	%
Length	Class	(Loaded)	Handling	Erecting	Labor	(FOB)	Expense	Expense	Engineering &	Admin.	PROPOSED	COST	Difference
		(\$)	(Hours)	(Hours)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	2017		
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'	2	\$138.80	4	19.85	\$3,310.38	\$4,089.00	\$858.69	\$324.55	\$178.64	\$259.65	\$9,021	7055	28%
40'		0	0	0	0						\$0	0	#DIV/0!
45'		0	0	0	0						\$0	0	#DIV/0!
50'	H-5	\$138.80	4	22.15	\$3,629.62	\$3,995.00	\$838.95	\$355.85	\$178.64	\$284.69	\$9,283	6941	34%
55'		0	0	0	0						\$0	0	#DIV/0!
60'	H-1	\$138.80	4	22.65	\$3,699.02	\$4,189.00	\$879.69	\$362.65	\$178.64	\$290.13	\$9,599	7176	34%
65'												0	#DIV/0!
70'	H-4	\$138.80	4	23.25	\$3,782.30	\$4,314.00	\$905.94	\$370.82	\$178.64	\$296.66	\$9,848	7770	27%
75'		0	0	0	0						0		#DIV/0!
80'		0	0	0	0						0		#DIV/0!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

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

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

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

2017 SCJPC POLE PRICE MATRIX WORKSHEET
For Ductile Iron Pole Set/ Replacement

Please submit to SCJPC by:
September 30, 2016

SCJPC Member Utility submitting:

LADWP

Person completing worksheet:

Jeff Williams

Call Back Telephone Number & Email:

213-367-2745 jeffery.williams@ladwp.com

Weighted Average

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 (Hours)	Digging & Erecting (Hours)	Total Direct Labor (\$)	Material Cost (FOB)	Supply Expense (\$)	Equipment Expense (\$)	1 Hour Engineering & Planning (\$)	General & Admin. (\$)	Total Cost PROPOSED 2017 (\$)	2016 COST	% Difference
25'		0	0	0	0						0		#DIV/0!
30'		0	0	0	0						0		#DIV/0!
35'		0	0	0	0						0		#DIV/0!
40'		0	0	0	0						0		#DIV/0!
45'		0	0	0	0						0		#DIV/0!
50'	98,600 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,395.05	\$502.96	324.55	\$138.21	\$259.65	\$6,931	5823	19%
50' Heavy	143,900 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$1,977.55	\$415.29	\$324.55	\$138.21	\$259.65	\$6,426	5319	21%
55'	133,100 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$2,548.82	\$535.25	\$324.55	\$138.21	\$259.65	\$7,117	6009	18%
55' Heavy	221,8000 ft-lbs	\$138.80	4	19.85	\$3,310.38	\$3,743.28	\$786.09	\$324.55	\$138.21	\$259.65	\$8,562	7451	15%
60'		0	0	0	\$0.00						\$0		#DIV/0!
65'		0	0	0	\$0.00						\$0		#DIV/0!
70' Heavy	288,000 ft-lbs	138.8	4	22.25	\$3,643.50	\$5,364.00	\$1,126.44	\$357.21	\$138.21	\$285.78	\$10,915	N/A	#VALUE!
75' Heavy	310,000 ft-lbs	138.8	4	22.25	\$3,643.50	\$5,752.00	\$1,207.92	\$357.21	\$138.21	\$285.78	\$11,385	N/A	#VALUE!
85'		0	0	0	0						0		#DIV/0!
90'		0	0	0	0						0		#DIV/0!
95'		0	0	0	0						0		#DIV/0!
100'		0	0	0	0						0		#DIV/0!

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

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

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

Southern California Joint Pole Committee

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

May 17, 2017

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. 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
Mr. Daniel Lippert	City of Burbank
Ms. Manijeh Carmichael	AT&T California
Ms. Sherri DuChateau	Golden State Water
Mr. Joe Armstrong	City of Pasadena
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Mr. Dave Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Ms. Lynn Prescott	Verizon Wireless
Mr. Alex Parra	City of Riverside
Ms. Maryam Farajzadeh	City of Vernon
Ms. Samatha Valle	Time-Warner
Mr. Mark Denning	M-Power
Ms. Catherine Babakhanlou	City of Glendale
Mr. Brandon Robinson	City of Banning
Mr. Eric Escamilla	City of Anaheim
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Kay Black	AT&T California

Mr. Jay Hanenkratt
Ms. Alyssa Aguilar
Mr. Ayman Arraj

ATC-Outdoor DAS
City of Colton
City of Burbank

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 City of Azusa (MA), Extenet Systems (EXT), MCI Telecom (MCI) and MCI Metro (ATS).

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 April 19, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the April 19, 2017 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 April 2017 operating expenses were \$57,951.81. The members were assessed this amount. She added that the April expenses are reflective of an average month of expenditures.

COMMUNICATIONS:

There were no communications to report.

SPECIAL REPORTS

There were no special reports for this meeting.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, May 16, 2017. She reported that the members discussed the pole price matrix and authorized costs matrix extensively; since both issues are on the discussion calendar of the current agenda she will share the details at that time.

She further reported that the members are discussing creating an authorized cost for helicopter and crane use. Currently, these costs are a 1.2; however, the members are considering no change in the current method. She inquired if any members have a suggestion for pricing helicopter and crane costs to submit these to the ad hoc committee or plan on attending the next meeting to share their thoughts.

Ms. Hernandez concluded by referring the members to the minutes of that meeting for further details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on May 16, 2017. The members discussed implementing the electronic delivery of forms via email in the interim of launching NJUNS. The electronic delivery will be for JPAs, Form 7, Form 48 and pole loading. She added that those members with an email and would like to receive these forms via email should submit their addresses to Ms. Pranata.

She further reported that revisions have been made to sections 7.10, 5.10, 3.10 and 12.10 which is listed on the current discussion calendar.

Ms. Ortiz reminded members that the page limit on a JPA is ten pages. Discussed as well is the addition of existing risers notation to a JPA which will be discussed later in the meeting. She concluded by referring the members to the minutes of the meeting.

Computer Communications ad hoc Committee

Ms. Pearson reported that this ad hoc met May 16, 2017. She stated the members continue to discuss revisions to the Friend program. She added that the committee will be soliciting a quote to upload all final JPAs to the website making all final JPAs available to members via the internet. She then referred the members to the minutes for details.

Pole Loading ad hoc Committee

Mr. Wayne Brown reported that this ad hoc met on May 16, 2017. He added that the members discussed the matrix for intrusive inspections and pole replacements. Discussed as well is the providing of intrusive inspections by Edison of

foreign based poles where comm is the base owner. Also, when Edison performs a pole loading calculation and the pole fails, Edison will provide the calculations. He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

There were no items on Consent

DISCUSSION CALENDAR:

Item 1614: Pole Price Matrix – Traffic Control Inclusion

Mr. Steve Brown stated that within the pole prices the average amount of man-hours should include complete set-up and take down of the work operation. Therefore, built within the pole prices should be included the basic watch manual coning. If it exceeds the basic watch manual then a shared cost could be discussed per traffic control plan. The verbiage, “per the WATCH manual”, has been added to this section. The verbiage addition to this section will be on the next meeting Consent Calendar for Board approval.

Pole Price Matrix – cost submission

Mr. Brown stated that for a pole price to be included in the annual pole prices the material costs must be provided, therefore the verbiage, “Material cost must be provided to be included in pole prices” has been added to the Pole Price Matrix Worksheet. This verbiage addition to this matrix will be on the next meeting Consent Calendar for Board approval.

Item 1631: Customer Billing – Sec 3.10, 5.10, 7.10 and 12.10

The following verbiage has been added to the above referenced sections, “*Initiator to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest, removal, anchor*”, (respectively). Mr. Steve Brown interpreted that if DWP is changing out a pole and the customer is paying all charges, then the JPA should note no charges to other members.

In the title of these sections the term “for” has been replaced by “initiated by”. After brief discussion it was agreed that the title remain as originated for all sections.

After further discussion, it was agreed to use the following sentences:

- Section 3.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest.”*
- Section 5.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of removal then the other member(s) should not be billed for removal (pulling routine).”*
- Section 7.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest.”*
- Section 12.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of anchor, then the other member(s) should not be billed for the purchase of interest.”*

These section revisions will be on the next meeting Consent Calendar for Board approval.

OTHER ITEMS: Unfinished Business

Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)
 Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
 Item 1597: Review of RR Examples – REVISION (05/19/2015)
 Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
 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 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/20)
 Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
 Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
 Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
 Item 1627: Antenna Owner Purchasing 2' clearance - ROUT REVISION (01/17/2017)
 Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
 Item 1631: Customer Billing – Sec 7.10,5.10 & X.10 – ROUTINE (2/14/2017)
 Item 1632: Adding Member to JPA via Form 7 - ROUTINE REVISION (04/19/2017)
 Item 1633: Review of Member Attendance Policy – OPERATING COMM (04/19/207)
 Item 1634: Inspection Responsibility – POLE LOADING (04/19/2017)
 Item 1635: Unauthorized Anchor AC - AUTH COSTS (5/16/2017)
 Item 1636: Pricing of 111G & 111H – OPERATING COMM (05/16/2017)

The above items shall all remain open at this time.

Item 1629: 2017 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

There are no known items.

Unknown Items:

Riser Location Notation

Mr. Steve Brown opened by stating that it is documented in Section 18.1A, “The Form 2 shall include, but is not limited to”, and notes a list of items. He added that risers are included in this list of items, and according to his knowledge, DWP is currently the only member abiding by this item list and including riser locations on their preliminary forms where existing poles are being replaced. A JPA example is included in the meeting packet. He further added that he would like pole footprints noted on forms to allow DWP to update their records correctly. After brief discussion it is agreed that if an existing pole that is being replaced has a riser, a diagram of the riser location is required on Form 2 per Section 18.1A of the Routine.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	06/20/17	9:00 am.	Committee Office
Authorized Costs	06/20/17	Following	Routine Revision
Computer Committee	06/20/17	Following	Authorized Costs
Compliance Committee	06/20/17	Following	Computer Committee
Administrative Board	06/21/17	9:00 am.	Committee Office
Operating Committee	06/21/17	Following	Administrative Board
NJUNS	06/21/17	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:35 am until June 21, 2017.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

2018 DEFINITIONS OF POLE PRICE ELEMENTS

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

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

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

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

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

3.10 Placement of Pole for Private party or Governmental Agency under Notice of Intention.

In general, any private party or governmental agency causing a pole to be installed shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by any member until all incumbent utilities have mutually agreed as to the conditions applicable.

If construction is started without notification, the Member initiating the work will be responsible for all construction costs incurred by other incumbent Members. When all Members have agreed as to the basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the Members shall install the pole and sell interest in the new pole to each Member concerned. Each Member shall attach its facilities, and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the cost of installation. (Revised January 2007).

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest.
5/17/2017

5.10 Removal of Pole For Private Party or Governmental Agency

In general, any private party or governmental agency causing a pole to be removed shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for removal of a pole until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member performing the work will be responsible for all construction costs incurred by other joint owners.

When all owners have agreed as to basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners shall remove the pole. Each Member shall receive salvage and pay pulling and transportation. Upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of removal.

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of removal then the other member(s) should not be billed for removal (pulling routine). 05/17/2017

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7.10 Replacement of Pole for Private Party or Governmental Agency

In general, any private party or governmental agency causing a pole to be replaced shall pay all expenses in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for replacement of a pole until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member initiating the work will be responsible for all construction costs incurred by other joint owners.

When all owners have agreed as to the basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners shall replace the pole and sell interest in the new pole to each Member concerned. Each Member shall receive salvage, if applicable, and pay pulling and transportation. Each Member shall transfer its facilities, and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of replacement.

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest. 5/17/2017

12.10 Removal or Replacement of Anchor and Appurtenances for Private Party or Governmental Agency

In general, any private party or governmental agency causing anchor and appurtenances to be removed or replaced shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for modification of anchor construction until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member performing the work will be responsible for all construction costs incurred by other joint owners. When all owners have agreed as to basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners, preferably the original owner, shall remove or replace the anchor and appurtenances and sell interest in new facilities to each Member concerned. Each Member shall transfer its guy or other equipment and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of construction.

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of anchor, then the other member(s) should not be billed for the purchase of interest.
5/17/2017

RECORD FORMS

18.0 Record Forms

The forms used for expediting joint pole work and recording transactions are listed below:

Form #	Form Name
2-1	Preliminary Joint Pole Authorization
2-2	Preliminary Joint Pole Authorization
2-1 FINAL	Final Joint Pole Authorization
2-2 FINAL	Final Joint Pole Authorization
Form 7	Joint Pole Memorandum
Form 9	Joint Pole Riser Notification
Form 11	Notice of GO 95 Non-Conformance
Form 12	Pole Record
Form 16	Reallocation of Space
Form 44	Bill of Sale
Form 48	Notice of Work Completed
Form 49	Tracer

Hard or soft copies shall be provided as agreed by the parties.

(Revised January 2015)

18.1 Form 2 - Preliminary Joint Pole Authorization

Any agreement to undertake joint work must be confirmed in writing by using this form. This is authority to undertake joint work as specified. Member initiating transaction shall make necessary copies for each Member involved, all of which must be approved by an authorized representative of each involved Member. Approval may be by signature of the authorized representative to be shown on the forms in the space provided, or by the authorized representative's name, followed by the written initials of a delegated representative confirming the agreement. Names of representatives effecting agreement must be specified in space provided. Members that have various designated District, Division, or Exchange areas should identify the appropriate area by name.

18.1-A Preparation of Form 2 Preliminary Joint Pole Authorization

By agreement, any Member may be designated as the constructing Member in joint work.

The Member initiating Form 2 Preliminary Joint Pole Authorization shall specify its Authorization number and all required details of the agreement. The Joint Pole Authorization number shall begin with the current member's code. The Form 2 shall include, but is not limited to:

- (a) Pole Number
- (b) Nature of work

- (c) Applicable Routine Section Number
- (d) Designation of involved Members
- (e) Circuits
- (f) Interest
- (g) Grade
- (h) Space
- (i) Pole/equipment data, including jointly owned arms, anchors, risers, wireless and broadband equipment.
- (j) Other essential record data i.e. tenants, power communication (P.Comm)
- (k) Authorized Costs item number and number of items where required
- (l) Police and/or fire report or case number when applicable and available
- (m) Provide billing information when applicable billing sections are used
- (n) Estimated construction start date
- (o) Date sent
- (p) Date prepared
- (q) Pole Class for wood poles
- (r) Additional notes such as pending JPA numbers or corrections per field conditions
- (s) Pole loading analysis

The Preliminary Form 2 shall be limited to 10 pages.

Where a specific transaction involves special agreement, it shall be designated as such on Joint Pole Authorization. (See Section 1.2)

It is the responsibility of all Members involved in the Joint Pole Authorization to see that data and details of the agreement are correct. The date Joint Pole Authorization is sent shall be used in completing the billing for structural and salvage values; except in replacements, the date poles are set shall apply.

Any deviation shall be by agreement of the Members involved and noted on the Joint Pole Authorization. Section 20 shows Member code letters and abbreviations to facilitate preparation of Joint Pole Authorization.

Where jointly owned poles are to be removed from service, the Joint Pole Authorization must designate which Member is to pull, transport, and dispose/salvage poles as specified in Section 5.0.

To insure correct spotting of poles on record maps, it is essential that locations be accurately recorded (see Section 15.4). It is important, both for map and field reference purposes, to correctly give the City, Town, etc., in which the poles are actually located. (Revised January 2015)

18.1-B Changes Prior to Approval

Any changes desired prior to approval of Form 2 Preliminary Joint Pole Authorization by the receiving

Date

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1

Prepared 3 / 2 / 2017

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

Date Sent / / Confirming Agreement / / ☒ Email ☐ Phone ☐ Field Est. Const. No. of J. P. Start 4 / 12 / 2017 Pages 3 Auth. No. **M-233802**

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
M	J. GARCIA	NORTHRIDGE		L.A.	1673680
TCA	L. HERNANDEZ	LA		LA	
NG	A. CRAIG	LA		LA	

POLE #	POLE LENGTH	YEAR	POLE TR CLASS	RECORD				PROPOSED				ITEM NO.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole Agreement and Routine-state reasons.
	ANCHOR SIZE	SET	ANCHOR DIRECT.	M L	TCA	NG		M L	TCA	NG			
329730M	65'	1968	G	57-28	23-01	(24)		C-30'	PTD				M-REPL POLE, PL ANC SEC 7.11, 3.0 NG PURCH 4.1B 1
				22-04				1/3(1)				5C	SHIRLEY AV E/S 40' N/O PARTHENIA ST 2
				TN-22									3
	1"		S	.50	.50				AT				4
													5
425030M	60'		FT/2					52-22	23-01	24-01			6
								22-04					SHIRLEY AV E/S 39' N/O PARTHENIA ST 7
								TN-22					8
	1 1/4"		E					ALL				111C	SET 1' S/O OLD POLE 9
	2 1/2"		PBR					ALL					10
								1/3(1)				10A	C/L/O SHIRLEY AV 11
												10C	POLE # 425030M 12
													13

POLE LEGEND:

P = PULL
PB = PULL BUTT
T = TRANSPORT
S = SALVAGE
D = DISPOSE
TN = TENANT

L = LOWER TOP

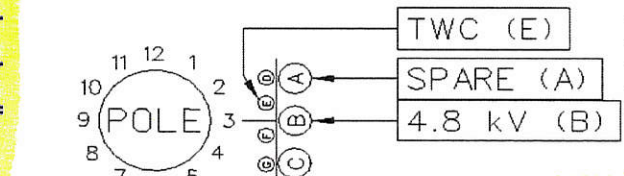
C (XX) = FOOTAGE CUT
SCZ = SAFETY CLEARANCE ZONE

ANCHOR LEGEND:

AR = ANCHOR REMOVED
AT = ANCHOR TRANFERED

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

GEOGRAPHICAL LOCATION



**530 F1
NORTHRIDGE
COMMUNITY**

Southern California Joint Pole Committee

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

June 21, 2017

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. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Jessica Nix	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Megan Stewart	Frontier Communication
Ms. Lynn Prescott	Verizon Wireless
Mr. Daniel Lippert	City of Burbank
Mr. Ayman Arraj	City of Burbank
Mr. Josh Mathisen	AT&T California
Mr. Paul Fuller	Golden State Water
Mr. Joe Armstrong	City of Pasadena
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Mr. Dave Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Ms. Angela Pranata	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Mr. Dan Garden	MCI Telecom/MCI Metro
Mr. Alex Parra	City of Riverside
Ms. Maryam Farajzadeh	City of Vernon
Ms. Samatha Carillo	Time-Warner
Mr. Mark Denning	M-Power
Ms. Charito De Castro	City of Glendale
Mr. Brandon Robinson	City of Banning
Mr. Alvin Aska	City of Anaheim
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC

Mr. Dan Kjar
Mr. Jay Hanenkratt
Ms. Alyssa Aguilar

City of Azusa
ATC-Outdoor DAS
City of Colton

CALL TO ORDER

President, Mr. Jeff Williams called the meeting to order at 9:05 am. Mr. Williams then proceeded with roll call. When roll call was complete, those members not in attendance are Extenet Systems (EXT).

HOUSEKEEPING:

Mr. Williams 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. Williams inquired whether the members had reviewed the minutes of the May 17 , 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Williams then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the May 17, 2017 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 May 2017 operating expenses were \$62, 536.00. The members were assessed this amount. She added that the May expenses are slightly above average due to the overtime payroll. There were no further questions or comments.

COMMUNICATIONS:

Subpoena from the law offices of Mark G. Cunningham/ABI document services.

Mr. Pranata reported that the committee office has received a request for pole data from the above referenced law office; response is due June 22, 2017. She added that the request is for one pole in the Malibu Canyon area involving five companies.

SPECIAL REPORTS

Alden Systems Presentation via WebEx – Mr. Jacob Harrison/Mr. Joel Busby

Mr. Wayne Brown introduced the guests from Alden Systems who would be facilitating the Alden Systems web -ex presentation of the pole asset management software titled Notify.

Mr. Harrison opened the Power Point presentation by stating that Alden is headquartered in Birmingham, Alabama. He stated that the software previously presented at the CPUC was Notify, however, the software for this demo is titled Alden One. It is based on the same platform as Notify, but with greater functionality and a greater level of access for greater asset management. It has a centralized asset database that is easily accessible. It provides communication between asset owners, and asset actions with all data stored in the system. The right of access would be dictated by the software owners, in this situation would be the SCJPC. The system also manages asset billing, contracts, and inspections.

Mr. Harrison reported that clients have reported a cost saving since implementing this software. He then introduced Mr. Busby, who is the Director of Product Development, to continue with the demo presentation.

Mr. Busby opened by stating that the software is web-based requiring a pass code login. He added that the software works with a centralized database containing asset record information and record processes and work applied to these assets. The software allows one to browse an area for assets and drill down to any specifics. Mr. Busby then demonstrated this action and the functionalities the software is capable of performing for the members.

Mr. Busby then solicited questions. Mr. Wayne Brown inquired if the map displayed during the demo would reflect wind pressure within the specific area being queried. Mr. Busby replied that currently the software is not capable of displaying wind pressure, however, may be incorporated if desired into the software. Mr. Brown inquired if the software is able to interface with SAP. Mr. Busby responded that the software does interface with SAP.

Lastly, Mr. Brown inquired what could the SCJPC expect as a cost for this software. Mr. Harrison replied this is contingent on the number of assets to create the database and any other specifics requested by the client; once this information is determined then an estimate could be provided. The software is a hosted and subscription system.

Mr. Armstrong inquired if the software manages the QAQC to ensure data is accurate and how quickly is information updated? Mr. Busby replied that data is received from multiple companies and then perform a pre-reconciliation.

Mr. Kearns questioned if the displayed map is GIF capable. Mr. Busby responded that it is overlaid with BING maps; it may be overlaid longitude and latitude with GIS.

In that there were no further questions, Mr. Brown thanked Mr. Harrison and Mr. Busby for their demonstration of Alden One.

The members briefly discussed consideration of engaging Alden One. It was agreed that this issue would be assigned to an ad hoc committee and discussed at that level. Mr. Williams stated that until a cost is received from Alden Systems, the idea of discussion could then be considered.

The consensus is to review and compare other software available to joint pole usage.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, June 20, 2017. She reported that the members continue discussing the possibility of individual authorized costs. She added that they are requesting members review the costs to identify any gaps with the costs.

Members created verbiage for traffic control inclusion in the pole price matrix per the Watch Manual. The revision is on the current Consent Calendar for Board approval.

Discussed as well is item 83A or B. If a JPA is processed with Item 83, but lacks an A or B, it will default to A.

An item number has been added to the committee; it pertains to the state responsibility area clean up. Currently, Edison is mandated to maintain this; the members will discuss if this cost should be shared.

Ms. Hernandez concluded by referring the members to the minutes of that meeting for further details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on June 20, 2017. The members discussed those members requesting additional items that are out of the Routine Handbook, which she will bring to the table under Unknown items. Discussed as well is the electronic delivery of forms, which is on the current Discussion Calendar. Discussion continues on adding a member to a JPA via a Form 7, if any members have an interest in this issue plan on attending the next ad hoc meeting. Section 16.3 has been revised. The section revisions are on the agenda for discussion. She concluded by referring the members to the minutes of the meeting.

Computer Communications ad hoc Committee

Ms. Nix reported that this ad hoc met June 20, 2017. She stated the JPC staff has been testing the redesign of the Friend database and reporting to the ad hoc committee. Members also discussed the cost of making final JPA's available on the SCJPC website. She then referred the members to the minutes for details.

Compliance ad hoc Committee

Mr. Carrion reported that this ad hoc met on June 20, 2017, and stated that the members discussed the recent data request from the CPUC. He added that Mr. Mathisen will provide the summary to the ad hoc for the next meeting. Pole loading requirements were also discussed. He concluded by referring the members to the minutes of the meeting. The Administrative Board Minutes – June 21, 2017 – Page 4 of 9

Operating Committee

Mr. Kearns reported that this committee met on May 17, 2017. The members reviewed the member attendance policy flowchart provided by Southern California Water, but will hold discussion on this until Mr. Cardella of SCW is present.

The committee agreed on the third party labor rate of \$56.11 provided by Ms. Pranata.

The members reviewed the proposed staff evaluations and salary action which was approved by the members effective June 1, 2017.

He closed by referring the members to the minutes of the meeting.

NJUNS ad hoc Committee

Mr. Wayne Brown reported that this ad hoc committee met on May 17, 2017. He stated that members agreed to obtain their pass codes, and more members have now received their pass codes. He then referred members to the minutes of the meeting.

Pole Loading ad hoc Committee

Mr. Wayne Brown reported that this ad hoc met on May 17, 2017. He stated that the members reviewed the pole setting member base owner information and discussion will continue at the next meeting. He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

Item 1614: Pole Price Matrix – Traffic Control Inclusion

Mr. Williams reported that additional verbiage has been added to element number 4 of the definitions. The following verbiage has been added, “*per the WATCH manual*”.

Pole Price Matrix – Cost Submission

Ms. Pranata reported that a sentence has been added to the Note section of the pole price matrix. The sentence is as follows, “*Material cost must be provided to be included in pole prices*”.

Item 1631: Customer Billing – Sec 3.10, 5.10, 7.10 and 12.10

Mr. Williams reported that a couple of sentences has been added to the above referenced sections:

- Section 3.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest.”*
- Section 5.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of removal then the other member(s) should not be billed for removal (pulling routine).”*
- Section 7.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest.”*
- Section 12.10: *“Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of anchor, then the other member(s) should not be billed for the purchase of interest.”*

Mr. Williams solicited a motion to accept the items on the Consent Calendar. Ms. Ortiz motioned to approve the Consent Calendar, Ms. Mathisen seconded the motion, which after the vote tally was completed, passed unanimously.

DISCUSSION CALENDAR:

Revised Section 16.3

Ms. Hernandez opened discussion by stating that she was informed that circuit “H” was no longer acceptable on the final bill and the JPC office was returning the final. It was agreed that “H” be replaced by High and that the specific circuit must be identified on record, not merely “H”. The revisions to this section will be on the Consent Calendar of the next meeting.

Item 1626: Electronic Delivery of Forms – Clarifications -Email inboxes

Ms. Ortiz opened discussion by stating that those members wishing to receive forms via email must provide their address. Those members not submitting an email address for the receipt of forms will continue receiving hard copies. There will be a notation on the member information webpage should members choose to receive forms via this email address.

OTHER ITEMS: Unfinished Business

Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)

Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
Item 1597: Review of RR Examples – REVISION (05/19/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1614: Pole Price Matrix – Traffic Control Inclusion - AUTH COSTS (5/17/20)
Item 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1627: Antenna Owner Purchasing 2' clearance - ROUT REVISION (01/17/2017)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1631: Customer Billing – Sec 7.10,5.10 & X.10 – ROUTINE (2/14/2017)
Item 1632: Adding Member to JPA via Form 7 - ROUTINE REVISION (04/19/2017)
Item 1633: Review of Member Attendance Policy – OPERATING COMM (04/19/207)
Item 1634: Inspection Responsibility – POLE LOADING (04/19/2017)
Item 1635: Unauthorized Anchor AC - AUTH COSTS (5/16/2017)
Item 1636: Pricing of 111G & 111H – OPERATING COMM (05/16/2017)

Item 1614: Pole Price Matrix, Item 1631: Customer Billing and Item 1635: Unauthorized Anchor AC are now closed. All other items shall remain open at this time.

Item 1629: 2017 Environmental Issues

There were no environmental issues.

New Business

Known Items:

Item 1602: Posting Finals on SCJPC Website - Quote

Ms. Nix opened by stating that Ms. Pranata procured a quote for posting finals on the SCJPC website. The initial cost is \$5,200.00 with a monthly storage recurring cost of \$175.00. After brief discussion the consensus is to place this item on the Consent Calendar of the next Board meeting.

Unknown Items:

Missing contact information on Forms

Ms. De Barge reported that it has been brought to her attention internally that there are instances where her planners have questions but the contact information is unavailable. If the form has a contact name and number the question and/or issue could be resolved in a timely manner. The members discussed this issue and agreed to revise the The Administrative Board Minutes – June 21, 2017 – Page 7 of 9

form to include contact name and number. *Item 1638: Form 2 – add contact information* has been added to the Routine Revision ad hoc committee for discussion and a JPA alert requesting contact information on form 2 will be available on the SCJPC website.

Request for additional data not noted in Routine

Ms. Ortiz reported that brought to the table at the last Routine Revision was the issue of members requiring additional items and information outside of the Routine Handbook. Any additional requirements or requests for additional information should be brought to the Routine Revision ad hoc committee.

As an example Ms. Hernandez stated that a JPA would be initiated and the receiving member(s) respond requesting additional documents such as the PPLX, pictures and the strand map. These items are not in the Routine. She added that accommodation is not a issue, but these requests are outside of the Routine.

Mr. Carrion stated that this is an issue with his organization in that his work is delayed due to these additional document requests.

Mr. Ayman stated that his organization does request the PPLX but the receiving member is informed via an email. Ms. Hernandez responded that this method is acceptable, however, it is when the 45 days have elapsed and this type of additional information requests are made. This is problematic to the initiating member.

Ms. Hernandez stated that if members internally require this additional information and it is valid, it should be brought to the Routine Revision table for discussion and incorporation into the Routine Handbook and process. This would allow receiving members to be aware and able to prepare their timeline internally.

The consensus is that this issue will be the first topic of discussion at the July ad hoc Routine Revision committee meeting. Members who are requesting additional information that is outside of the Routine Handbook should plan on attending. The ad hoc committee will review the information requested to ensure it is a valid and viable request.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	07/18/17	9:00 am.	Committee Office
Authorized Costs	07/18/17	Following	Routine Revision
Computer Committee	07/18/17	Following	Authorized Costs
Compliance Committee	07/18/17	Following	Computer Committee
Administrative Board	07/19/17	9:00 am.	Committee Office
Operating Committee	07/19/17	Following	Administrative Board
NJUNS	07/19/17	Following	Operating Committee

ADJOURNMENT:

Mr. Williams adjourned the meeting at 11:32 am until July 19, 2017.

Mr. Jeff Williams, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

2018 DEFINITIONS OF POLE PRICE ELEMENTS

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

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

2018 SCJPC POLE PRICE MATRIX WORKSHEET
For Wood Pole Set/ Replacement

Please submit to SCJPC by:

SCJPC Member Utility submitting:

Person completing worksheet:

Call Back Telephone Number & Email:

Weighted Average

Individual Costs

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

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

(*)

Cost Included in Column #2

(**)

Cost Included in Column #6

(***)

Cost Included in Column #10

(*****)

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

3.10 Placement of Pole for Private party or Governmental Agency under Notice of Intention.

In general, any private party or governmental agency causing a pole to be installed shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by any member until all incumbent utilities have mutually agreed as to the conditions applicable.

If construction is started without notification, the Member initiating the work will be responsible for all construction costs incurred by other incumbent Members. When all Members have agreed as to the basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the Members shall install the pole and sell interest in the new pole to each Member concerned. Each Member shall attach its facilities, and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the cost of installation. (Revised January 2007).

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest.
5/17/2017

5.10 Removal of Pole For Private Party or Governmental Agency

In general, any private party or governmental agency causing a pole to be removed shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for removal of a pole until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member performing the work will be responsible for all construction costs incurred by other joint owners.

When all owners have agreed as to basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners shall remove the pole. Each Member shall receive salvage and pay pulling and transportation. Upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of removal.

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of removal then the other member(s) should not be billed for removal (pulling routine). 05/17/2017

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7.10 Replacement of Pole for Private Party or Governmental Agency

In general, any private party or governmental agency causing a pole to be replaced shall pay all expenses in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for replacement of a pole until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member initiating the work will be responsible for all construction costs incurred by other joint owners.

When all owners have agreed as to the basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners shall replace the pole and sell interest in the new pole to each Member concerned. Each Member shall receive salvage, if applicable, and pay pulling and transportation. Each Member shall transfer its facilities, and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of replacement.

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of the pole, then the other member(s) should not be billed for the purchase of interest. 5/17/2017

12.10 Removal or Replacement of Anchor and Appurtenances for Private Party or Governmental Agency

In general, any private party or governmental agency causing anchor and appurtenances to be removed or replaced shall pay all expense in connection therewith. However, certain conditions require special consideration, and no commitment shall be made by a joint owner upon any request from a private party or governmental agency for modification of anchor construction until all joint owners have mutually agreed as to the conditions applicable. Otherwise, for construction started without notification, the Member performing the work will be responsible for all construction costs incurred by other joint owners. When all owners have agreed as to basis of settlement and have received authority from such private party or governmental agency to proceed with the work, one of the owners, preferably the original owner, shall remove or replace the anchor and appurtenances and sell interest in new facilities to each Member concerned. Each Member shall transfer its guy or other equipment and upon completion of the work, each Member, as it may have elected to charge for cost of its work, shall bill the said party for its share of the net cost of construction.

Initiating member to specify and define charges customer paid. Individual utility is responsible for recouping costs. If the customer is billed the full cost of anchor, then the other member(s) should not be billed for the purchase of interest.
5/17/2017

ESTIMATE

Grand Total (USD)
\$5,375.00

BILL TO
Southern California Joint Pole Committee
Angela Pranata
279 E Arrow Hwy
Ste 104
San Dimas, California 91773-3319
United States

(909) 599-3801 Ext. 203
angela@scjpc.net

Estimate Number: 1
Estimate Date: June 1, 2017
Expires On: September 30, 2017

ITEMS	QUANTITY	PRICE	AMOUNT
Linking JPA to PDF This includes development and testing for an application that would automate PDF file uploading process to the remote server. Also includes linking JPAs to uploaded PDF files.	1	\$5,200.00	\$5,200.00
Storage for PDF files For Storage, it will be recurring cost of \$175 per month for the first terabyte. Additional terabyte of data will be \$25/TB.	1	\$175.00	\$175.00
Total:			\$5,375.00
Grand Total (USD):			\$5,375.00

Notes
Current free space:
- Server 1 (web): 25GB
- Server 2 (database): 69GB
- Server 3 (search/indexing): 29GB

Hardev Singh

Hardev Singh
11163 Blue Ash Lane
Fontana, California 92337
United States

Contact Information
(909) 278-8338

16.3 Circuits

For classification of circuits, refer to G.O. 95 of the CPUC. Communication Members are not required to record class of circuits; it being understood that only "C" circuits are involved. Power Members are required to record class "L" circuits or class "C" circuits, as well as the class ~~high~~"H" circuits, which will have actual phase to phase voltages recorded. Specific voltage must be noted on Form 2 for all high voltage circuit ("H" is no longer valid).

When a Member proposes ~~to change the circuit class~~any of the items listed below, a Joint Pole Authorization shall be issued.:-

- ~~(a) Change class "L" circuits to class "H"~~
- ~~(b) Increase voltage in existing class "H" circuit~~
- ~~(c) Add class "H" circuit~~

Joint Pole Authorization shall specify the proposed change or addition by stating designated voltages.

When change of voltage from less than 20k~~V~~V to ground to more than 20k~~V~~V to ground requires additional protective measures by another joint owner, the cost thereof shall be determined by mutual agreement. If suitable protective measures cannot be provided, the procedure for Vacation of Right of Way will be followed to the extent possible.

If the change or addition requires the purchase of an additional interest due to more space required, reference shall be made to Section 4.0.

Revised on RR 06/20/2017 – Discussion calendar Admin Board 6/21/17

Southern California Joint Pole Committee

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

July 19, 2017

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. Ruben Hauser	City of Los Angeles
Mr. Wayne Brown	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Jessica Nix	Southern California Edison
Mr. Adolph Gonzales	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Megan Stewart	Frontier Communication
Mr. Josh Mathisen	AT&T California
Ms. Manijeh Carmichael	AT&T California
Mr. Joe Armstrong	City of Pasadena
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Wendy Mueller	Extenent Systems
Mr. Dave Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Ms. Lynn Prescott	Verizon Wireless
Mr. Alex Parra	City of Riverside
Mr. Ali Nour	City of Vernon
Ms. Maryam Farajzadeh	City of Vernon
Mr. Alan Nagel	MCI Telecom/MCI Metro
Mr. Mark Denning	M-Power

Ms. Sherri DuChateau
Mr. Brandon Robinson
Ms. Alyssa Aguilar
Mr. David Patterson

Golden State Water
City of Banning
City of Colton
City of Azusa

CALL TO ORDER

President, Mr. Steve Brown called the meeting to order at 9:02 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are Crown Castle (NG), New Path (NPN), CA CLEC LLC (CCI), City of Anaheim (D), City of Glendale (A), City of Burbank (B), City of Pasadena (MP), Time Warner Cable (TWC), Sprint Nextel (SPR), Sprint Communications (FON), 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 June 21, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the June 21, 2017 minutes as written and Mr. Acosta seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the June 2017 operating expenses were \$61,393.52. The members were assessed this amount. There were no questions or comments.

COMMUNICATIONS:

CPUC Email

Mr. Brown inquired if the members had the opportunity to review the email sent to the committee from the CPUC. He stated that the CPUC intends on moving forward with requesting access to a shared database of all member poles; thus allowing them the access to review the status of any given pole in the state. He added that there is needed discussion on how the SCJPC will respond to this email notification, and the

need to have an individual represent the SCJPC at the CPUC table. Perhaps this individual could be a member who is already in attendance representing their organization and could speak on behalf of the committee.

Mr. Hauser provided a synopsis on this request. He stated that the CPUC is creating an OIR to investigate the feasibility of having access to a shared database of all the member poles in the state. This would promote safety in the state by allowing utilities access to obtain all the information required for any pole in question. The driver for this is that it would allow the companies greater competition by obtaining this information themselves instead of being dependent on other companies for this needed information. Their opinion is that this shared database would allow companies the access to information, thus creating greater competition.

Mr. Wayne Brown was questioned how does Edison stand on this issue? Mr. Brown responded the Edison is participating and agrees that a shared database is a good idea in promoting safety.

When questioned Mr. Mathisen stated that AT&T's stand on this issue is that the SCJPC initially should cooperate with the CPUC's request.

Mr. Kearns stated the Frontier's position also is to cooperate with the CPUC's request.

Mr. Brown again inquired if the SCJPC should have a representative at the CPUC's table. Mr. Wayne Brown reported that the NCJPA had a representative at the last meeting and that the CPUC was somewhat disappointed that the SCJPC lacked a representative in attendance, but was aware that their attendance was via telecommunication.

Mr. Mathisen stated that if the SCJPC had a representative at the table they should demonstrate the SCJPC database and display it's functionally and just how robust the database is.

Mr. Steve Brown stated that even if the idea of a shared database is in the early discussion stage, his question is who will fund this database and what will be the cost to the committee.

The members reviewed the CPUC document requests for the SCJPC. The members briefly discussed the confidentiality of the requested documents such as the Routine Handbook and the SCJPC Agreement. However, if the SCJPC does not cooperate with the requests the members discussed the possibility of subpoenas from the CPUC.

The consensus is to forward the CPUC requests to the SCJPC lawyer for review and to contact the CPUC attorney with any questions the committee has in regards to the documents request.

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, July 18, 2017. She reported that the members added a new item to the ad hoc committee. It is Item 1639: LTD of Owners owned Space (POP). It pertains to LTD and PBLTD where some costs are not billed. There will be further discussion on this issue at the next ad hoc meeting.

Discussion on helicopter and crane costs continue within the ad hoc. Some members are of the opinion that these costs should be section 1.2. When a member is able to prove that there is no other option available in construction than to use a crane or helicopter, the cost will be agreeable via 1.2. There will be further discussion on this since Edison is suggesting that an authorized costs should be established.

Discussed as well is the issue of SRA work performed by Edison. In that this task is performed by Edison, they are of the opinion that this cost should be shared. However, many members do not agree since Edison is mandated to perform this task. This issue is on the current discussion calendar.

Ms. Hernandez concluded by referring the members to the minutes of that meeting for further details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on July 18, 2017. The members revised example 8 of Section 18, which is on the current discussion calendar.

Revisions were made to sections 3.15, 4.0, 4.3, 7.15, and 16.1B which are all on the current discussion calendar. Revisions have been made to the Form 2 which also is on the current discussion calendar.

She reminded the members that if they wish to receive forms electronically to send their email address to Ms. Pranata. She further reminded members that those who engage vendors to return the forms to the members not to the contracted vendor.

Finally, she reminded members that there will be a JPA Alert that existing risers must be listed on all JPA's.

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

Computer Communications ad hoc Committee

Ms. Nix reported that this ad hoc met July 18, 2017. She reported that Ms. Pranata continues to work with the developer on the enhanced FRIEND database. The quote for having final JPA's available on the SCJPC website is on the current consent calendar for Board approval. She concluded by directing the members to the minutes of the meeting.

Compliance ad hoc Committee

This ad hoc committee did not meet in July.

Operating Committee

Mr. Kearns reported that this committee met on June 21, 2017. He then referred the members to the minutes of the meeting available on the SCJPC website.

NJUNS ad hoc Committee

Mr. Wayne Brown reported that this ad hoc committee met on June 21, 2017. He stated that members continue obtaining the NJUNS member codes. Discussed also is the designing of the JPA in NJUNS. He further reported that there was an NJUNS external meeting. He then referred members to the minutes of the meeting.

Pole Loading ad hoc Committee

Mr. Wayne Brown reported that this ad hoc met on June 21, 2017. He stated that the members discussed the provision by Edison of their respective forecast of the areas of pole inspections to allow members preparation.

He reported that Ms. Nix will chair this ad hoc committee in the future and that it will meet on the third Tuesday of the month.

He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

Item 1602: Posting Finals on SCJPC website - Quote

Ms. Nix opened by stating that the idea of posting the final JPA's on the SCJPC website had been discussed in the Computer ad hoc committee and this quote was on the discussion calendar of the June Board meeting. She added that there is an initial cost of \$5,200.00 then a monthly recurring storage cost of \$175.00 per month. Members will have the option of accessing finals via the website dating back to 2003. In that this is an unexpected expense and therefore, not in the years budget, this cost will be assessed equally.

Revised Section 16.3

This revision was also on the June Discussion Calendar. Ms. Ortiz stated that the letter "H" has been changed to "high", and verbiage revision in the second paragraph.

Ms. Hernandez motioned to approve the Consent Calendar, Ms. Ortiz seconded the motion, which after the vote tally was completed, passed unanimously.

DISCUSSION CALENDAR:

Revised Section 18 Example 8 of the 2017 Routine Handbook

Ms. Ortiz reported that in correction instances the original may be needed, therefore the verbiage “if the original Final is available” has been added to (1), and the following verbiage “If the original JPA is not available, please indicate it on the Nature of Work” has been added to (4). There were no questions or comments, therefore, this revision will on the Consent Calendar of the August Board meeting for approval.

Item 1627: Antenna Owner Purchasing 2' Antenna Clearance – Sec 3.15, 4.0, 4.3, 7.15 and 16.1B

Ms. Ortiz stated that these revisions would require an owner to purchase the 2' safety clearance zone. She added that if there is no communication above, then they are required to only purchase below, however if there is communication above they are required to purchase above as well. The above noted sections pertain to antennas, therefore they have been revised to accommodate the new requirement. Section 16.1B is no longer necessary, therefore it is eliminated.

The members briefly discussed the revisions. The revisions will on the Consent Calendar of the August Board meeting for approval.

Item 1638: Form 2 – Add Contact Information – Revised Form 2

Mr. Steve Brown opened discussion by stating many times it is difficult to obtain a phone number when direct contact is required with the JPA originator. Therefore the Form has been revised to include a phone number as well as an email address. There is thought to delete the “Taxing Instructions” from the form, however the ad hoc committee will wait for input from members prior to moving forward with deletion of this data. There is also discussion within the ad hoc of increasing the utility lines to eight.

Ms. Pranata inquired if the revisions would also impact the Final JPA or just the preliminary JPA?

After discussion it was agreed that this item should be returned to the ad hoc for further work since members are requiring research internally within their organizations.

Item 1637: Item 13A Clearing Pole/SRA (State Responsibility Area)

Mr. Wayne Brown opened discussion by stating that it is Edison's position that if a pole is joint, and Edison is mandated to perform work that is beneficial to all members, then all members should share the expense of the work performed. The SRA

responsibility is to clear all brush within a 10 foot circumference of a pole in these specific areas.

Ms. Carmichael responded that her organizations position is not to partake in this cost since it not a mandate for her organization or a benefit.

Mr. Brown responded that minimizing the risk of the joint pole catching fire is a benefit for all joint members on the pole(s).

Mr. Mathisen responded that in cases where a branch is obstructing AT&T's equipment, as vegetation management they remove the branch with no cost to joint members. In his opinion SRA's are a part of vegetation management.

Mr. Kearns stated that Frontier will support AT&T's position on this issue.

This item will remain open to be further discussed at the ad hoc level.

OTHER ITEMS: Unfinished Business

Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)

Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)

Item 1597: Review of RR Examples – REVISION (05/19/2015)

Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)

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 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)

Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)

Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)

Item 1627: Antenna Owner Purchasing 2' clearance - ROUT REVISION (01/17/2017)

Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)

Item 1632: Adding Member to JPA via Form 7 - ROUTINE REVISION (04/19/2017)

Item 1633: Review of Member Attendance Policy – OPERATING COMM (04/19/2017)

Item 1634: Inspection Responsibility – POLE LOADING (06/19/2017)

Item 1637: Item 13A Clearing Pole/SRA - AUTH COSTS (06/20/2017)

Item 1638: Form 2 – Add Contact Information - ROUTINE REVISION (06/21/2017)

Item 1639: LTD of Owners Owned Space (POP) - ROUTINE REVISION (07/18/2017)

All above items remain open at this time.

Item 1629: 2017 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:***Item 1639: LTD of Owners Owned Space (POP)***

Mr. Wayne Brown opened by stating that per the conversation that transpired at the ad hoc level in that the LTD is the responsibility of the communications area, it is Edison's position that they will identify and note that it is an actual LTD if a portion of the pole is left, and note non-billing if it is comm portion of the pole.

Ms. Hernandez stated that what is needed is a communication definition of a LTD.

Ms. Carmichael stated that comm is also paying for power portions of a pole and this concept appears unequal.

The members reviewed Section 2.1C Proration of Charges for Pulling, Transporting and Disposing. The members discussed several scenarios pertaining to this section. It was agreed to add this item into Authorized Costs agenda and continue this discussion at the next Authorized Costs and Routine Revision ad hoc committee meetings.

Unknown Items:***Questionable Billing and Discrepancies***

Ms. Allen opened by stating that they are instructed to bill as is, however, her question is where to decipher what to bill as is when there are questions. She added that her objective is to minimize memos. She gave questionable examples: wrong item numbers, sections that do not match, wrong companies, special agreements with an 18.1D, section 7.11 without section 7.4, charging Item 19, anchors lacking item numbers, multi parties not noting who is to be billed, companies on JPAs but not on poles. She reiterated that her objective is to minimize memos, therefore she is requesting clarification.

Mr. Brown instructed Ms. Allen to compile a list of these questions and the list will be reviewed at the ad hoc level.

Item 1640: Billing Discrepancies has been created to address this issue and has been assigned to the Operating ad hoc committee.

JPA Training Class

Mr. Parra inquired if the SCJPC offered training classes to members new to the committee. He added that he is aware of the Basic Training Manual available on the website, however, he would like hands on training.

Ms. Hernandez stated that historically the committee provided on-site training.

Ms. Allen stated that she could work with someone who is well versed in the

preliminary side of the process, tie it into the billing process and create a training module which could aide in minimizing returned finals.

Item 1641: JPA Training (preliminary and final) has been created to address this issue and assigned to the Operating ad hoc committee.

SPANS Presentation

Mr. Williams reported that the only day SPANS is able to accommodate a presentation of their software is Tuesday. He added that the presentation is approximately 2 to 2 ½ hours. The presentation is tentatively scheduled for the third Tuesday in August.

MITC Fume Poles

Mr. Wayne Brown opened by stating that Edison is not responsible to PTD a MITC pole, but will LTD. The MITC is in the butt of the pole. After brief discussion it was agreed to assign an item number to further discuss this item. Item 1642: MITC Pole Removal has been assigned to the Compliance ad hoc committee.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	08/15/17	9:00 am.	Committee Office
Authorized Costs	08/15/17	Following	Routine Revision
Computer Committee	08/15/17	Following	Authorized Costs
Compliance Committee	08/15/17	Following	Computer Committee
Administrative Board	08/16/17	9:00 am.	Committee Office
Operating Committee	08/16/17	Following	Administrative Board
NJUNS	08/16/17	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 10:40 am until August 16, 2017.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

ESTIMATE

Grand Total (USD)
\$5,375.00

BILL TO
Southern California Joint Pole Committee
Angela Pranata
279 E Arrow Hwy
Ste 104
San Dimas, California 91773-3319
United States

(909) 599-3801 Ext. 203
angela@scjpc.net

Estimate Number: 1
Estimate Date: June 1, 2017
Expires On: September 30, 2017

ITEMS	QUANTITY	PRICE	AMOUNT
Linking JPA to PDF This includes development and testing for an application that would automate PDF file uploading process to the remote server. Also includes linking JPAs to uploaded PDF files.	1	\$5,200.00	\$5,200.00
Storage for PDF files For Storage, it will be recurring cost of \$175 per month for the first terabyte. Additional terabyte of data will be \$25/TB.	1	\$175.00	\$175.00
Total:			\$5,375.00
Grand Total (USD):			\$5,375.00

Notes
Current free space:
- Server 1 (web): 25GB
- Server 2 (database): 69GB
- Server 3 (search/indexing): 29GB

Hardev Singh

Hardev Singh
11163 Blue Ash Lane
Fontana, California 92337
United States

Contact Information
(909) 278-8338

16.3 Circuits

For classification of circuits, refer to G.O. 95 of the CPUC. Communication Members are not required to record class of circuits; it being understood that only "C" circuits are involved. Power Members are required to record class "L" circuits or class "C" circuits, as well as the class ~~high~~"H" circuits, which will have actual phase to phase voltages recorded. Specific voltage must be noted on Form 2 for all high voltage circuit ("H" is no longer valid).

When a Member proposes to change the circuit class~~any of the items listed below~~, a Joint Pole Authorization shall be issued.:-

- ~~(a) Change class "L" circuits to class "H"~~
- ~~(b) Increase voltage in existing class "H" circuit~~
- ~~(c) Add class "H" circuit~~

Joint Pole Authorization shall specify the proposed change or addition by stating designated voltages.

When change of voltage from less than 20k~~V~~ to ground to more than 20k~~V~~ to ground requires additional protective measures by another joint owner, the cost thereof shall be determined by mutual agreement. If suitable protective measures cannot be provided, the procedure for Vacation of Right of Way will be followed to the extent possible.

If the change or addition requires the purchase of an additional interest due to more space required, reference shall be made to Section 4.0.

Revised on RR 06/20/2017 – Discussion calendar Admin Board 6/21/17

PRELIMINARY JOINT POLE AUTHORIZATION CORRECTION OF RECORDS EXAMPLE 8

- (1) Approved and accounting data should be identical to the original final bill in parentheses for members affected by the correction if the original Final is available. New information listed above.
- (2) JPA number must begin with the correcting member's code and end with "COR" indicator.
- (3) Use Section 13.1 and/or 13.2; show original JPA number & Bill of Sale date of JPA to be corrected. Notate the corrections or errors.
- (4) Show information as shown on original final bill. If the original JPA is not available, please indicate it on the nature of work.
- (5) Show information as it should be billed.

AUTHORIZATION FOR JOINT POLE TRANSACTION J.P. FORM 2-1 Preliminary 1/95

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

Date Prepared 1/10/2012 Date Sent 1/10/2012 Confirming Agreement In Field ☐ By Telephone ☐ Est. Const. Start No. of Pages J.P. Auth. No. U1-3758 COR 2

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	BROWN (HUNTER)	CENTRAL	435-4568 (435-4568)
U2	SMITH	PASADENA	SMITH (HERNANDEZ)	PASADENA	123-4567 (987-5862)
1					

POLE NO.	Pole Length Anchor Size	Year Set	Pole Tilt Class	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	
				U1	U2			U1	U2					
				16K	C			16K	C				CORRECTION OF RECORDS & REFUND SEC 13.1 & 13.2	1
													CORRECTING U1-3756 B/S 2/09	2
													CORRECTING YEAR SET AND GRADE/SPACE	3
													U2 TO PURCHASE INTEREST SEC 4.0	4
4													SHOWN AS:	5
	3014-US	45	90	FT 4	100			39-8	26-9				MAIN ST W/S 209' S/O 3RD ST	6
5														7
														8
	3014-U2	45	95	FT 4	100			39-8	25-7				MAIN ST W/S 209' S/O 3RD ST	9
														10
														11
														12
														13

POLE LEGEND: L = LOWER TOP (Item 5E)
P = PULL (Item 5A) C(OO) = FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT (Item 5B)
S = SALVAGE
D = DISPOSE (Item 5D)
TN = TENANT

ANCHOR/ARM LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

↑ ↑ ↑ ↑ ↑

GEOGRAPHICAL LOCATION

ALHAMBRA
COMMUNITY

VP/J.P.-03
Rev. Jul 2013

(Revised February 2017)

3.15 Notice of Intention to Place Wireless Antenna

(For space allocation, this section must be shown on the Final JPA)

Members proposing the installation of antennas shall prepare and submit to all owners on record, a Preliminary JPA (Form 2-1) notifying the members of their intention to construct. (See example 11 in Section 18).

Note: General Order 95, Rule 94 requires an additional 2' Antenna Safety Clearance Zone, which must be purchased by the antenna owner. Refer to Section 16.1, Chart 16.1B. Owner of the antenna may purchase 1' or 2' of the Antenna Safety Clearance Zone. See section 4.3. (Revised January April 2010)-2017)

4.0 Purchase or Sale of Interest

Purchase or sale of interest in pole shall be initiated on Joint Pole Authorization and shall be approved by all Members concerned. The interest and price applying thereto shall be in accordance with Routine and schedule of structural values or other Authorized Costs and date Joint Pole Authorization is issued, unless otherwise agreed.

Any extension of line conductors by one Member upon one or more poles of another Member in any direction shall constitute a longitudinal line extension and all poles in such extension shall require purchase of interest, except as otherwise provided under Section 9.0.

Additionally, the following cases shall require purchase:

- (a) Pole used for supporting line conductors
- (b) Pole used exclusively for services
- (c) Pole on which service is run to underground
- (d) Pole used for supporting street light wire
- (e) Pole used exclusively for guys
- (f) Pole used for guying with supporting guy to anchorage
- (g) Poles where guys are extended from pole to pole involving more than one span
- (h) Pole space used for supporting hardware, which occupies useable space.

NOTE 1: Purchase of entire interest shall be at structural value.

NOTE 2: For purchase into anchors, refer to Section 12.3.

NOTE 3: If a member purchases above an existing antenna, that incoming member is required to purchase 2' minimum above the antenna. (Revised July 2017)

4.3 Purchase of Interest in Safety Clearance Zone

~~A.~~ Purchase or sale of the right to use space within the Electrical Safety Clearance Zone:

Any Member planning to construct on a jointly owned pole where space is limited and all owners approve may purchase into the Electrical Safety Clearance Zone in accordance with General Order 95. The purchase or sale of the right to use this space shall be initiated on a Joint Pole Authorization and construction shall begin within the time limits prescribed in Section 18.1D. The constructing Member may purchase in one foot increments to a maximum of two feet and must attach at the grade requested (see Section 16.0). If a member purchases above an existing antenna, that incoming member is required to purchase 2' minimum safety clearance. Guard arms must be installed by the purchasing Member in the manner prescribed by General Order 95. (Revised July 2017) ~~January 2010~~)

~~B. Purchase of the right to use space within the Antenna Safety Clearance Zone:~~

~~The antenna owner may construct into the Antenna Safety Clearance Zone in accordance with General Order 95, Rule 94. The purchase of the right to use this space shall be initiated on a Joint Pole Authorization and construction shall begin within the time limits prescribed in Section 18.1D. The constructing Member may purchase in one foot increments to a maximum of two feet (see Section 16.0). Note: General Order 95, Rule 94 requires an additional 2' Antenna Safety Clearance Zone. Refer to Section 16.1, Chart 16.1B. (Revised January 2010) Delete "B"~~

7.15 Replacement of Pole with Wireless Antenna.

Member propose the replacement of poles supporting antennas shall prepare and submit to all owners on record, a Preliminary JPA (Form 2-1) notifying the members of their intention to construct.

Note: General Order 95, Rule 94 requires an additional 2' Antenna Safety Clearance Zone, which must be purchased by the antenna owner. .
~~Refer to Section 16.1, Chart 161B. Owner of the antenna may purchase 1' or 2' of the Antenna Safety Clearance Zone. See section 4.3~~

Note: 7.15 is not a stand-alone section, must be used in conjunction with section identifying reason for replacement. (~~Added January 2016~~Revised April 2017)

~~16.1-B Grade with Antenna (other than pole top)~~DELETE SEC 16.1-B “Unused”

~~Grade is measured from the ground line to the attachment in question. The average grade of the top position on a pole and other pertinent attachment information shall be assumed to be as follows (the top conductor is not necessarily at the same height):~~

~~Pole Ht~~	~~Top Grd~~	~~Ft in Grnd~~	~~Supp Struc~~	~~Safe Clear~~	~~Safe Clear~~	~~Common Area~~	~~Use Ft~~
~~Antennas~~							
~~30'~~	~~25'~~	~~5'~~	~~16'~~	~~4'~~	~~2'~~	~~27'~~	~~3'~~
~~35'~~	~~30'~~	~~5'~~	~~18'~~ *	~~6'~~	~~2'~~	~~31'~~	~~4'~~
~~40'~~	~~34'~~	~~6'~~	~~18'~~	~~6'~~	~~2'~~	~~32'~~	~~8'~~
~~45'~~	~~39'~~	~~6'~~	~~18'~~	~~6'~~	~~2'~~	~~32'~~	~~13'~~
~~50'~~	~~43'~~	~~7'~~	~~18'~~	~~6'~~	~~2'~~	~~33'~~	~~17'~~
~~55'~~	~~48'~~	~~7'~~	~~18'~~	~~6'~~	~~2'~~	~~33'~~	~~22'~~
~~60'~~	~~52'~~	~~8'~~	~~18'~~	~~6'~~	~~2'~~	~~34'~~	~~26'~~
~~65'~~	~~57'~~	~~8'~~	~~18'~~	~~6'~~	~~2'~~	~~34'~~	~~31'~~
~~70'~~	~~61'~~	~~9'~~	~~18'~~	~~6'~~	~~2'~~	~~35'~~	~~35'~~
~~75'~~	~~66'~~	~~9'~~	~~18'~~	~~6'~~	~~2'~~	~~35'~~	~~40'~~
~~80'~~	~~70'~~	~~10'~~	~~18'~~	~~6'~~	~~2'~~	~~36'~~	~~44'~~
~~85'~~	~~75'~~	~~10'~~	~~18'~~	~~6'~~	~~2'~~	~~36'~~	~~49'~~
~~90'~~	~~79'~~	~~11'~~	~~18'~~	~~6'~~	~~2'~~	~~37'~~	~~53'~~
~~95'~~	~~84'~~	~~11'~~	~~18'~~	~~6'~~	~~2'~~	~~37'~~	~~58'~~
~~100'~~	~~89'~~	~~11'~~	~~18'~~	~~6'~~	~~2'~~	~~37'~~	~~63'~~

~~*Per Clearance Requirements (Revised January 2012)~~

~~The above numbers are to be used as a guideline, but are subject to change based upon actual field conditions. See the exhibit regarding how cost allocation is affected by changes in shared space. (Revised January 2010).~~

J.P. FORM 2-1 Preliminary 1/95

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

No. of J.P.
Pages _____ Auth.No. _____

[illegible]

Rev. July 2017

Southern California Joint Pole Committee

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

August 16, 2017

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. Brian Strong	Southern California Edison
Ms. April DeBarge	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Megan Stewart	Frontier Communication
Ms. Lynn Prescott	Verizon Wireless
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Mr. Joe Armstrong	City of Pasadena
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Mr. Joe Serrato	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Earl Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Dave Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Mr. John Vu	City of Anaheim
Mr. Alex Parra	City of Riverside
Mr. Ali Nour	City of Vernon
Ms. Maryam Farajzadeh	City of Vernon
Ms. Wendy Mueller	Extenent Systems
Mr. Mark Denning	M-Power
Ms. Jessica Nix	Southern California Edison
Mr. Brandon Robinson	City of Banning

Ms. Alyssa Aguilar
Mr. Daniel Lippert
Ms. Samantha Carillo
Ms. Julie Roberts
Mr. Jay Hanenkratt

City of Colton
City of Burbank
Time-Warner Cable
Golden State Water
ATC-Outdoor DAS

CALL TO ORDER

President, Mr. Steve Brown called the meeting to order at 9:02 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are AT&T California (H), City of Glendale (A), MCI Metro (ATS), City of Azusa (MA), MCI Telecommunications (MCI), and M-Power Communications (ICG). The members reviewed the Emergency Evacuation Procedures. The following members are assigned as follows:

- Call 911 – XO Communications- Ms. Maria Ortiz
- CPR Certified – City of Pasadena – Mr. Joe Armstrong
- Group Leader – City of Los Angeles – Mr. Steve Brown

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 19 , 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown then solicited a motion to accept the minutes as written. Ms. Prescott motioned to accept the July 19, 2017 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 July 2017 operating expenses were \$62,562.49. The members were assessed \$63, 062.49 in that a member has been assessed a \$500.00 penalty fee. There were no questions or comments.

COMMUNICATIONS:

There are no communications

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met for an unofficial meeting Tuesday, August 15, 2017. She reported that the members added a new item to the ad hoc committee. It is Item 1643: Pole Tagging. Mr. Brown stated that if a pole is missing a tag, members that are on site should tag the pole. The ad hoc committee will discuss a cost for this action.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on August 15, 2017 for a brief meeting. There are items on the Consent Calendar submitted by this ad hoc for approval. The members discussed the email addresses for those members wishing to receive forms via email. Members should provide their addresses to Ms. Pranata. She added that in a few weeks this list with email addresses of those members preferring electronic delivery of forms would become available via the website.

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

Computer Communications ad hoc Committee

Ms. De Barge reported that this ad hoc met August 15, 2017. She reported that Ms. Pranata continues to work with the developer on the enhanced FRIEND database. She concluded by directing the members to the minutes of the meeting.

Compliance ad hoc Committee

Mr. Serrato reported that this ad hoc met on August 15, 2017. The members discussed the CPUC document requests. He added that Ms. Pranata has been in

communication with the CPUC and will share info with the members via Share file. Mr. Steve Brown has inquired if members have received any inquiries from Mr. Justin Wu since DWP has been contacted by this individual in regards to the CPUC. The members withheld discussion on Mitc Fume until Edison is in attendance. Also discussed was procedures that are outside of the Routine, this issue is on the current Discussion Calendar to be addressed later in this meeting.

He concluded by directing the members to the minutes of the meeting.

Operating Committee

Mr. Kearns reported that this committee met on July 19, 2017. He then referred the members to the minutes of the meeting available on the SCJPC website.

NJUNS ad hoc Committee

Ms. Pranata reported that NJUNS will meet on August 23, 2017 at 11:00 am.

Pole Loading ad hoc Committee

Ms. De Barge reported that this ad hoc met on August 15, 2017. Mr. Brown reported that Edison stated if the pole is an E based pole, and E is the highest on the pole, then E will inspect the pole.

He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

Revised Section 18 Example 8 of the 2017 Routine Handbook

Ms. Ortiz reported that the added verbiage pertains to those instances when the original JPA is unavailable.

Item 1627: Antenna Owner Purchasing 2' Antenna Clearance – Revised Sections 3.15, 4.0, 4.3, 7.15, 16.1B

Ms. Ortiz stated that added to the above noted sections is verbiage that antenna owners will purchase the clearance space. Mr. Brown added that this space is only usable to the antenna owner, therefore it was agreed that the antenna owner should purchase this space.

Ms. Ortiz motioned to approve the Consent Calendar, Ms. Smith seconded the motion, which after the vote tally was completed, passed unanimously. These approved revisions will be published January 2018.

DISCUSSION CALENDAR:

CPUC Update

Ms. Pranata reported that she has an update pertaining to the CPUC data request. She will withhold all JPC documents such as the By-Laws, Agreement, Routine Handbook, and the annual audit. She added that she will only provide CPUC request numbers 1, 2 and 3 listed in Appendix C-1 of the data request correspondence. She inquired if there are any questions or comments, if so she will forward these to the attorney. She further added that the attorney suggested a conference call with the SCJPC and NCJPA to ensure that all are on the same page.

Mr. Brown stated that for future meetings the committee will send someone on behalf of the SCJPC and not a specific JPC member.

Revised Meeting Attendance Policy (Operating)

The members discussed the following added verbiage, "Members are considered to be present if they are in attendance for roll call, consent and discussion." It was agreed that members teleconferencing should be identified on screen. The *Item 1644: Meeting Caller Identification* has been added to the Operating Committee.

To avoid the need of a second roll call, it was suggested to place the Discussion before Consent, since Consent requires a vote. If there is no response to the vote call then a member could be considered not present.

In light of the above noted issues, the review of the Meeting Attendance Policy will be returned to the Operating committee for further work.

Process outside the Routine

Mr. Carrion opened discussion by stating that Crown Castle has been submitting JPA's to certain members who are requesting advance notices to their applications so they may review them prior to Crown Castle officially submitting the preliminary form 2. He added that this request is delaying projects well beyond the required 60 day time frame. He further added that he would like to shed light on that Crown power applications are being delayed due to lack of approval.

He stated that he would like to find a solution and not require involving their legal department, however, it appears it may be required.

Ms. Hernandez stated that all members sign the Agreement to abide by the Routine and this scenario does not. This situation does not allow adhering to the Routine agreed upon response time frames. She then inquired if other members are experiencing this problematic issue?

Ms. Farajzadeh responded that the only instances when Vernon may delay an application is when there is an issue with the pole loading. She added that members should request their (V) overhead maps, since V is not accepting applications without the overhead maps.

Mr. Carrion responded that all their applications are submitted with pole loading calculations.

Mr. Nour responded that there are many instances when the calculations do not truly reflect what is in the field and it is discovered that some poles on an application are overloaded.

Mr. Serrato stated that Crown will continue abiding by the agreed upon time frames that the routine dictates.

Mr. Nour responded that he agrees with Mr. Serrato, however, if the pole is overloaded the application will be denied.

Mr. Carrion responded that if an application is denied due to pole loading, then the application should be red-lined and returned within the time frame allowing Crown to resubmit a corrected application. He added that Crown and Vernon should continue their discussion off line.

The consensus is that the requirement of an advanced request application is outside of the Routine and members should abide by the agreed Routine.

OTHER ITEMS: Unfinished Business

- Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)
- Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
- Item 1597: Review of RR Examples – REVISION (05/19/2015)
- Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
- 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 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
- Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
- Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
- Item 1627: Antenna Owner Purchasing 2' clearance - ROUT REVISION (01/17/2017)
- Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
- Item 1632: Adding Member to JPA via Form 7 - ROUTINE REVISION (04/19/2017)
- Item 1633: Review of Member Attendance Policy – OPERATING COMM (04/19/2017)
- Item 1634: Inspection Responsibility – POLE LOADING (06/19/2017)
- Item 1637: Item 13A Clearing Pole/SRA - AUTH COSTS (06/20/2017)
- Item 1638: Form 2 – Add Contact Information - ROUTINE REVISION (06/21/2017)
- Item 1639: LTD of Owners Owned Space (POP) - ROUTINE REVISION (07/18/2017)
- Item 1640: Billing Discrepancies – OPERATING (07/19/2017)
- Item 1641: JPA Training (Prelim & Final) - OPERATING (07/19/2017)
- Item 1642: MITC Pole Removal - COMPLIANCE (07/19/2017)

Item 1627: Antenna Owner Purchase is now closed. All above items remain open at this time.

Item 1629: 2017 Environmental Issues

There were no environmental issues.

New Business

Known Items:

SCE Backlog

Mr. Strong reported that SCE has a backlog of JPA's and their strategy to address this backlog is to increase submitted JPA's to the JPC office by 2,500 poles per month. He added that he would like to share this with the members in that this will impact the volume of work, and have a financial impact.

Mr. Kearns inquired when could members expect this influx of work. Mr. Strong responded that it would be the beginning of the fourth quarter.

Unknown Items:

SCE Southwest Utility-Wood cooperative meeting

Mr. Williams reported that SCE hosted their first Southwest Utility-Wood Cooperative Annual Pole Meeting for Power. He added that nine utilities were present, some from Arizona and the Rocky mountains. He stated that it was informative in that attendees discussed issues and how they were addressed. They discussed the types of wood poles, inspections and methods. He further added that the plan is to conduct an annual meeting.

Mr. Kearns inquired if the meetings are open to communications. Mr. Williams responded that perhaps eventually.

Outstanding Invoices – City of Vernon

Mr. Nour stated that in regards to the finalizing of JPAs there are some installations in Vernon that have been completed over two years and they have not received the finals yet. He added that there are unpaid invoices that have been brought to his attention by his finance department. He queried on how to address these issues? He further added that the By-Laws are in place to be followed and in this instance members are not abiding by the Agreement.

SPANS Presentation

Mr. Brown reported that there was a SPANS presentation at the committee office on August 15, 2017. He added that there were nine members in attendance. He stated

that in his opinion the application appeared impressive and could aid with the billing process. However, the cost is unknown. The company is East coast based attempting to enter the West coast market.

He further added that it has many functions that could aid with mapping, tracking, billing and communication. NJUNS is a good tool, however merely a communications tool.

The members discussed the functionalities and capabilities the application has to offer and the issues concerning implementation.

Mr. Strong stated that if the CPUC mandates a shared database the committee must be ahead of this possibility and see what is available to ensure that the tool they choose will be agreeable with the CPUC requests. He added that what is needed is a business strategy on how this will be achieved.

Mr. Brown agreed that further dialogue is needed, therefore, perhaps this could be discussed at the Computer ad hoc committee level.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	09/19/17	9:00 am.	Committee Office
Authorized Costs	09/19/17	Following	Routine Revision
Computer Committee	09/19/17	Following	Authorized Costs
Compliance Committee	09/19/17	Following	Computer Committee
Administrative Board	09/20/17	9:00 am.	Committee Office
Operating Committee	09/20/17	Following	Administrative Board
NJUNS	08/23/17	11:00 am.	Committee Office

ADJOURNMENT:

Mr. Brown adjourned the meeting at 10:25 am until September 20, 2017.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

PRELIMINARY JOINT POLE AUTHORIZATION CORRECTION OF RECORDS EXAMPLE 8

- (1) Approved and accounting data should be identical to the original final bill in parentheses for members affected by the correction if the original Final is available. New information listed above.
- (2) JPA number must begin with the correcting member's code and end with "COR" indicator.
- (3) Use Section 13.1 and/or 13.2; show original JPA number & Bill of Sale date of JPA to be corrected. Notate the corrections or errors.
- (4) Show information as shown on original final bill. If the original JPA is not available, please indicate it on the nature of work.
- (5) Show information as it should be billed.

AUTHORIZATION FOR JOINT POLE TRANSACTION										J.P. FORM 2-1 Preliminary 1/95	
This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified hereon.											
Date Prepared	1/10/2012			Confirming Agreement			In Field ☐	By Telephone ☐	Est. Const. Start		
Date Sent	1/10/2012								No. of Pages	J.P. Auth. No.	U1-3758 COR 2

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	CENTRAL	BROWN (HUNTER)	CENTRAL	435-4568 (435-4568)
U2	SMITH	PASADENA	SMITH (HERNANDEZ)	PASADENA	123-4567 (987-5862)

1

POLE NO.	Pole Length Anchor Size	Year Set	Pole Tilt Class	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.	
				U1	U2			U1	U2					
				16K	C			16K	C				CORRECTION OF RECORDS & REFUND SEC 13.1 & 13.2	1
													CORRECTING U1-3756 B/S 2/09	2
													CORRECTING YEAR SET AND GRADE/SPACE	3
													U2 TO PURCHASE INTEREST SEC 4.0	4
4														
SHOWN AS:														
3014-US	45	90	FT 4	100				39-8	26-9				MAIN ST W/S 209' S/O 3RD ST	5
5														
SHOULD BE:														
3014-U2	45	95	FT 4	100				39-8	25-7				MAIN ST W/S 209' S/O 3RD ST	6
														7
														8
														9
														10
														11
														12
														13

POLE LEGEND: L = LOWER TOP (Item 5E)
P = PULL (Item 5A) C(X)X = FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT (Item 5B)
S = SALVAGE
D = DISPOSE (Item 5D)
TN = TENANT

ANCHOR/ARM LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

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

↑ ↑ ↑ ↑ ↑

GEOGRAPHICAL LOCATION

ALHAMBRA COMMUNITY

VP/J.P.-03
Rev. Jul 2013

(Revised February 2017)

3.15 Notice of Intention to Place Wireless Antenna

(For space allocation, this section must be shown on the Final JPA)

Members proposing the installation of antennas shall prepare and submit to all owners on record, a Preliminary JPA (Form 2-1) notifying the members of their intention to construct. (See example 11 in Section 18).

Note: General Order 95, Rule 94 requires an additional 2' Antenna Safety Clearance Zone, which must be purchased by the antenna owner. Refer to Section 16.1, Chart 16.1B. Owner of the antenna may purchase 1' or 2' of the Antenna Safety Clearance Zone. See section 4.3. (Revised January April 2010)-2017)

4.0 Purchase or Sale of Interest

Purchase or sale of interest in pole shall be initiated on Joint Pole Authorization and shall be approved by all Members concerned. The interest and price applying thereto shall be in accordance with Routine and schedule of structural values or other Authorized Costs and date Joint Pole Authorization is issued, unless otherwise agreed.

Any extension of line conductors by one Member upon one or more poles of another Member in any direction shall constitute a longitudinal line extension and all poles in such extension shall require purchase of interest, except as otherwise provided under Section 9.0.

Additionally, the following cases shall require purchase:

- (a) Pole used for supporting line conductors
- (b) Pole used exclusively for services
- (c) Pole on which service is run to underground
- (d) Pole used for supporting street light wire
- (e) Pole used exclusively for guys
- (f) Pole used for guying with supporting guy to anchorage
- (g) Poles where guys are extended from pole to pole involving more than one span
- (h) Pole space used for supporting hardware, which occupies useable space.

NOTE 1: Purchase of entire interest shall be at structural value.

NOTE 2: For purchase into anchors, refer to Section 12.3.

NOTE 3: If a member purchases above an existing antenna, that incoming member is required to purchase 2' minimum above the antenna. (Revised July 2017)

4.3 Purchase of Interest in Safety Clearance Zone

~~A.~~ Purchase or sale of the right to use space within the Electrical Safety Clearance Zone:

Any Member planning to construct on a jointly owned pole where space is limited and all owners approve may purchase into the Electrical Safety Clearance Zone in accordance with General Order 95. The purchase or sale of the right to use this space shall be initiated on a Joint Pole Authorization and construction shall begin within the time limits prescribed in Section 18.1D. The constructing Member may purchase in one foot increments to a maximum of two feet and must attach at the grade requested (see Section 16.0). If a member purchases above an existing antenna, that incoming member is required to purchase 2' minimum safety clearance. Guard arms must be installed by the purchasing Member in the manner prescribed by General Order 95. (Revised July 2017) ~~January 2010~~)

~~B. Purchase of the right to use space within the Antenna Safety Clearance Zone:~~

~~The antenna owner may construct into the Antenna Safety Clearance Zone in accordance with General Order 95, Rule 94. The purchase of the right to use this space shall be initiated on a Joint Pole Authorization and construction shall begin within the time limits prescribed in Section 18.1D. The constructing Member may purchase in one foot increments to a maximum of two feet (see Section 16.0). Note: General Order 95, Rule 94 requires an additional 2' Antenna Safety Clearance Zone. Refer to Section 16.1, Chart 16.1B. (Revised January 2010) Delete "B"~~

7.15 Replacement of Pole with Wireless Antenna.

Member propose the replacement of poles supporting antennas shall prepare and submit to all owners on record, a Preliminary JPA (Form 2-1) notifying the members of their intention to construct.

Note: General Order 95, Rule 94 requires an additional 2' Antenna Safety Clearance Zone, which must be purchased by the antenna owner. .
~~Refer to Section 16.1, Chart 161B. Owner of the antenna may purchase 1' or 2' of the Antenna Safety Clearance Zone. See section 4.3~~

Note: 7.15 is not a stand-alone section, must be used in conjunction with section identifying reason for replacement. (~~Added January 2016~~Revised April 2017)

~~16.1-B Grade with Antenna (other than pole top)~~DELETE SEC 16.1-B “Unused”

~~Grade is measured from the ground line to the attachment in question. The average grade of the top position on a pole and other pertinent attachment information shall be assumed to be as follows (the top conductor is not necessarily at the same height):~~

~~Pole Ht~~	~~Top Grd~~	~~Ft in Grnd~~	~~Supp Struc~~	~~Safe Clear~~	~~Safe Clear~~	~~Common Area~~	~~Use Ft~~
~~Antennas~~							
~~30'~~	~~25'~~	~~5'~~	~~16'~~	~~4'~~	~~2'~~	~~27'~~	~~3'~~
~~35'~~	~~30'~~	~~5'~~	~~18'~~	~~6'~~	~~2'~~	~~31'~~	~~4'~~
~~40'~~	~~34'~~	~~6'~~	~~18'~~	~~6'~~	~~2'~~	~~32'~~	~~8'~~
~~45'~~	~~39'~~	~~6'~~	~~18'~~	~~6'~~	~~2'~~	~~32'~~	~~13'~~
~~50'~~	~~43'~~	~~7'~~	~~18'~~	~~6'~~	~~2'~~	~~33'~~	~~17'~~
~~55'~~	~~48'~~	~~7'~~	~~18'~~	~~6'~~	~~2'~~	~~33'~~	~~22'~~
~~60'~~	~~52'~~	~~8'~~	~~18'~~	~~6'~~	~~2'~~	~~34'~~	~~26'~~
~~65'~~	~~57'~~	~~8'~~	~~18'~~	~~6'~~	~~2'~~	~~34'~~	~~31'~~
~~70'~~	~~61'~~	~~9'~~	~~18'~~	~~6'~~	~~2'~~	~~35'~~	~~35'~~
~~75'~~	~~66'~~	~~9'~~	~~18'~~	~~6'~~	~~2'~~	~~35'~~	~~40'~~
~~80'~~	~~70'~~	~~10'~~	~~18'~~	~~6'~~	~~2'~~	~~36'~~	~~44'~~
~~85'~~	~~75'~~	~~10'~~	~~18'~~	~~6'~~	~~2'~~	~~36'~~	~~49'~~
~~90'~~	~~79'~~	~~11'~~	~~18'~~	~~6'~~	~~2'~~	~~37'~~	~~53'~~
~~95'~~	~~84'~~	~~11'~~	~~18'~~	~~6'~~	~~2'~~	~~37'~~	~~58'~~
~~100'~~	~~89'~~	~~11'~~	~~18'~~	~~6'~~	~~2'~~	~~37'~~	~~63'~~

~~*Per Clearance Requirements (Revised January 2012)~~

~~The above numbers are to be used as a guideline, but are subject to change based upon actual field conditions. See the exhibit regarding how cost allocation is affected by changes in shared space. (Revised January 2010).~~

MEETING ATTENDANCE POLICY

Introduction

Regular and predictable attendance is required to conduct Committee business. It is the responsibility of each Member to ensure their representative maintains acceptable attendance in accordance with this Policy. For flexibility, members may attend in person or via conference call. Members are considered to be present if they are in attendance for roll call, consent, and discussion. Conference call information is posted on the SCJPC website and meeting agendas.

Frequency

The agreement stated that Member should attend at least 80% of Administrative Board Meetings. Members who fall below 50% attendance will be assessed the penalty. Member attendance to at least 50% of Administrative Board Meetings is required.

Time Frame

Attendance shall be measured for the previous 12 months (rolling 12-month calendar).

Notification By Member for Non Attendance

Member must notify the SCJPC office prior to Administrative Board meeting or 24 hours after.

Penalty

\$500.00 for each member not in compliance per month.

Assessment

The penalty will be included in the next monthly assessment. The penalty may be assessed monthly thereafter for continued non-attendance. Penalty shall be waived for the month(s) the member attends.

Assessment Distribution

Penalty assessments will be credited equally on the following month's assessment invoice. Penalized members will not receive this credit.

Exceptions

Exceptions to this policy are allowed at the discretion of the Operating Committee and in the following situations:

- Natural and Civil Disaster
- Interruptions in Public Transportation and Conveyance
- Illness/Death
- Labor Disruptions

Policy Changes

Based on the needs of the SCJPC these requirements can be modified by the Operating Committee when deemed necessary.

| [For Admin Discussion next month August 2017](#)

Southern California Joint Pole Committee

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

September 20, 2017

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. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. April DeBarge	Southern California Edison
Ms. Jessica Nix	Southern California Edison
Mr. William Kearns	Frontier Communications
Ms. Megan Stewart	Frontier Communication
Ms. Manijeh Carmichael	AT&T California
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Mr. Ayman Arraj	City of Burbank
Mr. Brandon Robinson	City of Banning
Mr. Joe Armstrong	City of Pasadena
Mr. Johnny Trang	City of Pasadena
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Ms. Sherri DuChateau	Golden State Water
Ms. Julie Roberts	Golden State Water
Ms. Nicole Singh	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Earl Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Dave Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Mr. Daniel Lippert	City of Burbank
Mr. Alex Parra	City of Riverside
Ms. Lynn Prescott	Verizon Wireless
Ms. Maryam Farajzadeh	City of Vernon

Ms. Wendy Mueller	Extenet Systems
Ms. Catherine Babakhanlou	City of Glendale
Mr. David Patterson	City of Azusa
Ms. Alyssa Aguilar	City of Colton
Mr. Mark Denning	M-Power Communications
Ms. Samantha Carillo	Time-Warner Cable
Mr. Jay Hanenkratt	ATC-Outdoor DAS

CALL TO ORDER

President, Mr. Steve Brown called the meeting to order at 9:02 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are MCI Metro (ATS), City of Anaheim (D), and MCI Telecommunications (MCI). The members reviewed the Emergency Evacuation Procedures. The following members are assigned as follows:

- Call 911 – XO Communications- Ms. Maria Ortiz
- CPR Certified – Southern California Edison – Ms. April De Barge
- Group Leader – City of Los Angeles – Mr. Steve Brown
- Sweeper/Searcher – Southern California Edison – Mr. Wayne Brown

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 16, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Kearns motioned to accept the August 16, 2017 minutes as written and Ms. Smith seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the August 2017 operating expenses were \$65,069.22. The members were assessed \$64,569.22 in that a \$500.00 penalty fee was credited in August. There were no questions or comments.

COMMUNICATIONS:

There are no communications

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, September 19, 2017. She reported that the members continue to discuss helicopter and crane costs in regards to billing method. She added that Southern California Edison is proposing to create an authorized cost. Currently, these costs are under Section 1.2 Special Agreement. She further added that the ad hoc members are at a stand still and would like further input from members and further discussion on this topic. Therefore, any members who are interested and wish to contribute to this discussion should plan on attending the next authorized costs ad hoc committee meeting in October.

The ad hoc members also discussed the State Responsibility Area (SRA) clearing that Southern California Edison is maintaining and then billing joint members their share. AT&T is of the opinion that this should not be a shared cost. Edison is proposing to add this to the maintenance program. If anyone is interested in this discussion should plan on attending the October ad hoc committee meeting.

Ms. Hernandez concluded by referring the members to the minutes of that meeting for further details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on September 19, 2017. She stated that examples pertaining to the 2-foot antenna safety clearance have been revised and are on the current agenda Discussion Calendar.

The members also discussed the electronic delivery of forms. She inquired if any members wish to have their forms delivered electronically to submit their email address to Ms. Pranata.

Members also discussed adding a member to an existing JPA. She reported that the member code should follow the pole number even if the pole tag in the field has the code prior to the number, and urged members to relay this to their respective staff.

She further reported the members discussed the allowing of communications placing temporary poles, and power allowing communication to replace the pole, this discussion will continue further. Mr. Steve Brown added that when a pole fails pole loading, some members set a temporary pole alongside the pole instead of placing the correct size pole required for all members attachments creating a buddy pole situation, therefore this ad hoc would welcome members attendance and input on this topic of discussion.

Lastly, discussed was the placing of poles on government lands, which the ad hoc will continue to discuss.

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

Computer Communications ad hoc Committee

Ms. Nix reported that this ad hoc did not meet, but will later in the day.

Compliance ad hoc Committee

Mr. Carrion reported that this ad hoc met on September 19, 2017. The members discussed the CPUC document requests. He added that this will remain open for further CPUC communication. The members discussed Mitc Fume. Southern California Edison will take responsibility for the remaining removal of any Mitc Fume poles at the time of replacement.

He concluded by directing the members to the minutes of the meeting.

Operating Committee

Mr. Kearns reported that this committee met on August 16, 2017. He then referred the members to the minutes of the meeting available on the SCJPC website.

NJUNS ad hoc Committee

Mr. Wayne Brown reported that NJUNS met on August 23, 2017. The members discussed examples of how a JPA should appear in NJUNS. This discussion will continue. He concluded by referring the members to the minutes of the meeting.

Pole Loading ad hoc Committee

Mr. Wayne Brown reported that this ad hoc met on September 19, 2017. He stated that he will be providing Edison's 2018 inspection forecast to the members to allow them the ability to prepare internally.

He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

Revised Meeting Attendance Policy (Operating)

Mr. Steve Brown stated that verbiage has been added to the policy stating that members will be considered in attendance if they are present for roll call, discussion and consent. Members must notify the SCJPC office prior to the Administrative Board meeting, or within 24 hours after. He then solicited a motion to accept the added verbiage and revisions to the policy. Ms. Hernandez motioned to accept the added verbiage and revisions, Ms. Ortiz seconded the motion, which after the vote tally was completed, passed unanimously.

DISCUSSION CALENDAR:

Section 18 Example 14, 15 and 28 Revised

Ms. Ortiz reported that the examples pertaining to the 2-foot antenna safety clearance purchase have been revised to align with the revisions to the section. Section 14 verbiage, "Purchased by Antenna Owner" has been added. Section 15 verbiage, "Antenna owner is required to purchase the 2' antenna safety clearance" has been added. Space and grade has been revised on these examples as well as Example 28. In that there were no comments or concerns the revised examples will on be on the Consent Calendar of the next Board meeting for approval.

Item 1632: Adding member to JPA via a Form 2

New examples created to add new member and new pole via Form 2

Ms. Ortiz reported that on the example the following verbiage has been added and should be on the form RO1, "U1 to assume all PTD/transfer charges for U3 if work has been completed prior to sending JPA to U3". This will be discussed further at the ad hoc level.

Item 1638: Form 2 – Add Contact Information

Ms. Ortiz stated that after research it was discovered that the "Taxing Instructions" field on the Form 2 is not required, therefore it was agreed to revise the columns to delete, "Taxing Instructions" and to add, "Phone Number or Email" to notate the contact information. In that there were no comments or concerns this revision will on be on the Consent Calendar of the next Board meeting for approval.

OTHER ITEMS: Unfinished Business

Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)
Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
Item 1597: Review of RR Examples – REVISION (05/19/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1632: Adding Member to JPA via Form 7 - ROUTINE REVISION (04/19/2017)
Item 1633: Review of Member Attendance Policy – OPERATING COMM (04/19/207)
Item 1634: Inspection Responsibility – POLE LOADING (06/19/2017)
Item 1637: Item 13A Clearing Pole/SRA - AUTH COSTS (06/20/2017)
Item 1638: Form 2 – Add Contact Information - ROUTINE REVISION (06/21/2017)
Item 1639: LTD of Owners Owned Space (POP) - ROUTINE REVISION (07/18/2017)
Item 1640: Billing Discrepancies – OPERATING (07/19/2017)
Item 1641: JPA Training (Prelim & Final) - OPERATING (07/19/2017)
Item 1642: MITC Fume Pole Removal - COMPLIANCE (07/19/2017)
Item 1643: Authorized Cost for Pole Tag - AUTH COSTS (8/15/2017)
Item 1644: Meeting Caller Identification - OPERATING (08/16/2017)

Item 1633: Review of Member Attendance Policy, Item 1640: Billing Discrepancies, and Item 1642: MITC Fume Pole Removal are now closed. All above items remain open at this time.

Item 1629: 2017 Environmental Issues

There were no environmental issues.

New Business

Known Items:

There were no known items.

Unknown Items:

Member change of mailing address

Ms. De Barge questioned how a member's change of mailing address is conveyed to fellow members? Ms. Pranata responded that she does not email the new address to the membership, however, she updates the change of address with the effective date on the member information page available on the SCJPC website.

Ms. De Barge inquired what would prompt a member to visit the website for address changes. Ms. Pranata reiterated that she does not inform the membership of address changes via email, however, if she is directed, moving forward she will contact the membership when a member changes their respective mailing address via email. She added that she receives changes regularly, and will communicate to members any membership information changes in the future via email.

Easements on Government Land

Mr. Wayne Brown reported that Edison is receiving complaints that members are attaching to poles on government lands. He added that the easement for the pole on this land is solely for Edison. He added that when a member applies for attachment, Edison does not deny the request, however, will follow up to ensure that the member has obtained their easement. He further added as a reminder it is stated in Section 8.2 that it is the responsibility of a member to obtain their respective easement. Edison will be sending notification to joint members attached to poles on government land that they must obtain their easement. If they do not have their easement, Edison will be required to take further action.

Ms. Carrillo inquired if this applied to merely joint owners, or is this applicable to tenants as well? Mr. Brown responded that this applies to tenants as well.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	10/17/17	9:00 am.	Committee Office
Authorized Costs	10/17/17	Following	Routine Revision
Computer Committee	10/17/17	Following	Authorized Costs
Compliance Committee	10/17/17	Following	Computer Committee
Administrative Board	10/18/17	9:00 am.	Committee Office
Operating Committee	10/18/17	Following	Administrative Board
NJUNS	10/18/17	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 9:50 am until October 18, 2017.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

MEETING ATTENDANCE POLICY

Introduction

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- Natural and Civil Disaster
- Interruptions in Public Transportation and Conveyance
- Illness/Death
- Labor Disruptions

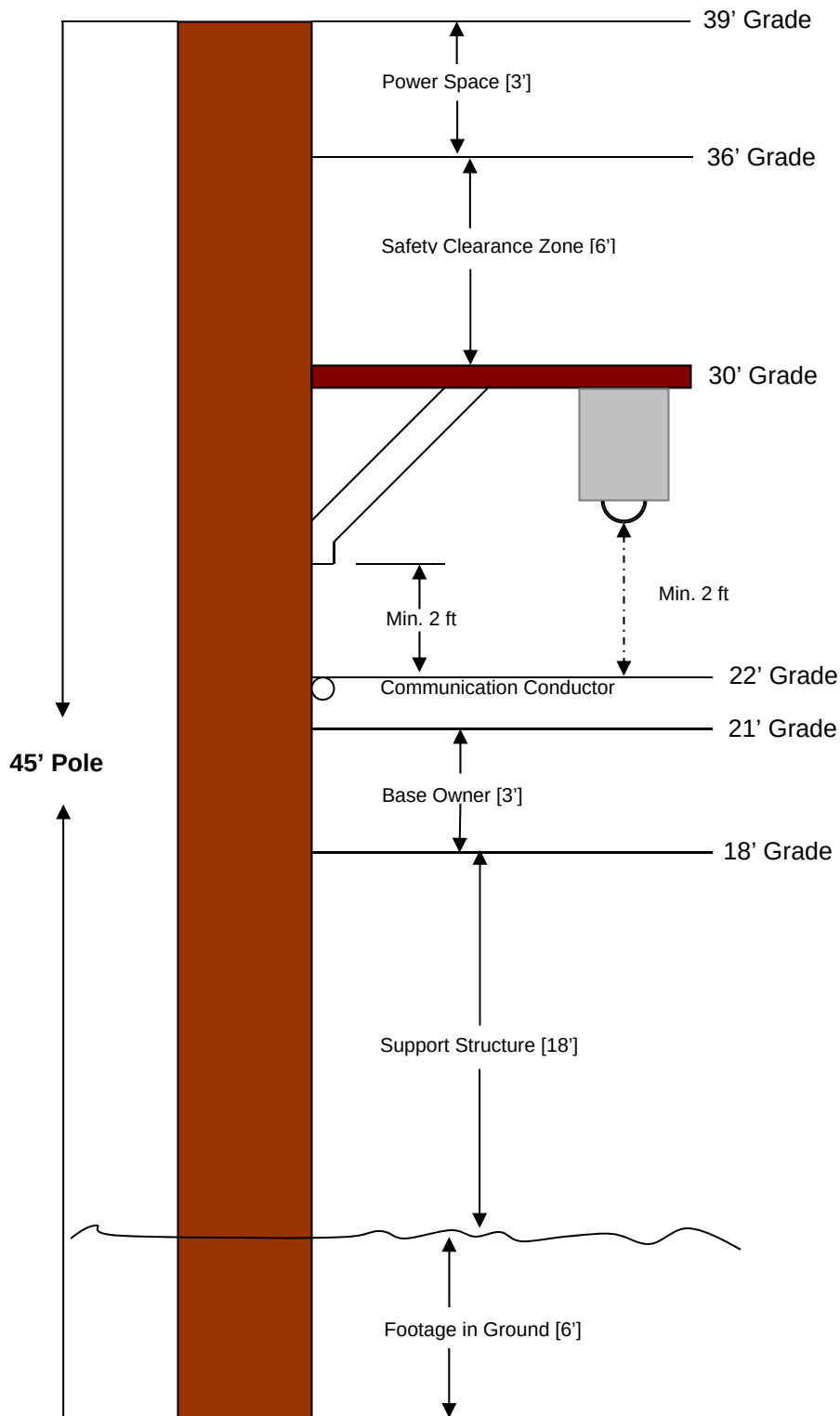
Policy Changes

Based on the needs of the SCJPC these requirements can be modified by the Operating Committee when deemed necessary.

| For Admin CONSENT next month September 2017

POLE SPACE ALLOCATION EXAMPLE 14

This example shows a 45' with space allocated per the chart in Section 16.1B of this Routine Handbook. For purposes of this example there is one power Member, one communication Member and one wireless Member involved on the pole. Power Member is the base owner.



Space/Grade Allocation

Power:

39-3
21-3

Wireless:

30-8

Communication:

22-1

Safety Clearance:

36-6

24-2*

*Purchased by Antenna

Owner

09/19/2017

(Revised January 2010)

PRELIMINARY-JOINT POLE AUTHORIZATION **2' ANTENNA SAFETY CLEARANCE ZONE** **EXAMPLE 15**

Refer to Example 14

This transaction shows U3 to purchase and place arm and antennas. The 2' antenna safety clearance required per G.O. 95, Rule 94 is met in the field. **Antenna owner is required to purchase the 2' antenna safety clearance. 09/19/2017**

Refer to glossary

AUTHORIZATION FOR JOINT POLE TRANSACTION															J.P. FORM 2-1 Preliminary 1/95	
Date 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.				
1/8/2008								2/2/2008				U3-3459				

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	LOS ANGELES	JONES	LOS ANGELES	5577303
U2	JOHNSON	LOS ANGELES	JOHNSON	LOS ANGELES	A403
U3	WHITE	LOS ANGELES	WHITE	LOS ANGELES	LA062-01

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 Class	Anchor Direct.	U1	U2	U1	U2	U3				
					16KV	C		16KV	C	ANT		U3 PURCHASE SEC 4.0	1
												U3 PLACE ANTENNAS SEC 3.15	2
4015-U1	45	03	FT 4	39-11	22-1			39-3	22-1	30-6	30-8	SPRING ST N/S 120' N/O 2ND ST	3
				21-3				21-3					4
	ARM									100			5
													6
													7
													8
													9
													10
													11
													12
													13

POLE LEGEND:

L = LOWER CUT

P = PULL

PB = PULL BUTT

T = TRANSPORT

S = SALVAGE

D = DISPOSE

TN = TENANT

ANCHOR LEGEND:

AR = ANCHOR/ARM REMOVED

AT = ANCHOR/ARM TRANSFERRED

SCZ = SAFETY CLEARANCE ZONE

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

↑ ↑ ↑ ↑ ↑

GEOGRAPHICAL LOCATION

SAN PEDRO
COMMUNITY

VP/J.P.-03
Rev. Jan 2010

(Revised January 2010)

Date Prepared 1/7/2016 This authorization is in accordance with Joint Pole Agreement and Routine. The undersigned have agreed on joint work as specified here:

COPY

Date Sent 1/21/2016 2/3/2016 Confirming Agreement In Field By Telephone Est. Const. Start No. of Pages J.P. Auth.No. U1XXXX-XXXXXXXXXX **R01**

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	LARRY BENTON	BLYTHE	SEAN TUCKER	CITY OF VISALIA	1234567
U2	AL WYMER	BLYTHE	STEPHEN PEBLEY	BLYTHE	789JP-1
U3	FELIPE STORY	BLYTHE	JOHN HERNANDEZ	BLYTHE	56789

POLE NO.	Pole Length Anchor Size	Year Set	Pole Trt Class Anchor Direct.	Record				Proposed				Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
				12KV U1	U2	U3		12KV U1	U2	U3			
													U1 TO REPLACED SECT 7.11, 13.3
49301U1	45	54	BT		22	23		C-15	PTD				2500 E 275' S NW COR/O SEC 2 T9S R21E
								1/3(1)				5C	
49301U1	45	15	FT					39-10	22-1	23-1			1160' N/O 4TH ST 105' W/O SUNSET WAY
			CL4					21-3					LOCATION CHANGE
													U1 TO ASSUME ALL PTD/TRANSFER CHARGES FOR U3 IF WORK HAS BEEN COMPLETED PRIOR TO SENDING JPA TO U3

POLE LEGEND: L = LOWER TOP (Item 5E)
P = PULL (Item 5A) C(XX) = FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT (Item 5B)
S = SALVAGE
D = DISPOSE (Item 5D)
TN = TENANT

ANCHOR/ARM LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

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

GEOGRAPHICAL LOCATION

BLYTHE
COMMUNITY

VP/J.P.-03

Rev. Jul 2013

Date Prepared 1/7/2016

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

COPY

Date Sent **1/21/2016** Confirming Agreement **2/6/2016** In Field ☐ By Telephone ☐ Est. Const. Start ☐ No. of Pages ☐ J.P. Auth.No. **U1XXXX-XXXXXXXXXX R01**

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	LARRY BENTON	ARROWHEAD	SEAN TUCKER	RIMFOREST	1234567
U2	D MEZA	REDLANDS	K TAYLOR	LAKE ARROWHEAD	789JP-1

POLE NO.	Pole Length Anchor Size	Year Set	Pole Trt	Record				Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
			Class	12KV U1	U2			12KV U1	U2					
			Anchor Direct.											
														U1 TO REPLACE SEC 7.111
49301U1	50	49	FT	43-14	23-5			C-14	PTD					NPL CEDAR GLEN TRL 560' W/O N/E COR/O CEDAR GLEN2
			CL2					1/2(1)					5C	3
														4
49301U1	60	14	FT					52-23	23-5					NPL CEDAR GLEN TRL 561' W/O N/E COR/O CEDAR GLEN5
			H6											6
														U1 TO REPLACE SEC 7.137
49302U1	50	49	FT	43-11	26-8			PTD						NPL CEDAR GLEN TR 400' W/O N/E COR/O CEDAR GLEN8
														9
49302U1	60	14	FT					52-20	26-8					NPL CEDAR GLEN TR 401' W/O N/E COR/O CEDAR GLEN10
			H4											11
														12
														13

POLE LEGEND: L = LOWER TOP (Item 5E)
P = PULL (Item 5A) C(XX) = FOOTAGE CUT
PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
T = TRANSPORT (Item 5B)
S = SALVAGE
D = DISPOSE (Item 5D)
TN = TENANT

ANCHOR/ARM LEGEND:
AR = ANCHOR/ARM REMOVED
AT = ANCHOR/ARM TRANSFERRED

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

GEOGRAPHICAL LOCATION

**LAKE ARROWHEAD
COMMUNITY**

VP/J.P.-03

Rev. Jul 2013

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

Date
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 ☐ By Email
Phone

Est.
Const.
Start

No. of
Pages

J.P.
Auth.No.

UTILITY	REPRESENTATIVE	PHONE NUMBER OR EMAIL	DISTRICT-DIVISION-EXCHANGE	APPROVED	ACCOUNTING DATA
				(Deleted "Taxing Instructions")	

POLE NO.	Pole Length Anchor Size	Year Set	Pole Trt Class Anchor Direct.	Record					Proposed					Item No.	LOCATION AND NATURE OF WORK If not in accordance with Joint Pole agreement and routine-state reasons.
															1
															2
															3
															4
															5
															6
															7
															8
															9
															10
															11
															12
															13

POLE LEGEND: L = LOWER TOP(Item 5E)
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ANCHOR/ARM LEGEND:
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Show Quantity of
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GEOGRAPHICAL LOCATION

COMMUNITY

VP/J.P.-03

Rev. July 2017

Southern California Joint Pole Committee

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

October 18, 2017

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. Ronald Schram	City of Los Angeles
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Jessica Nix	Southern California Edison
Mr. William Kearns	Frontier Communications
Mr. Brett Plaskey	Frontier Communications
Ms. Megan Stewart	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Lynn Prescott	Verizon Wireless
Ms. Samantha Carrillo	Time-Warner Cable
Mr. Joe Armstrong	City of Pasadena
Mr. John Vu	City of Anaheim
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Dave Campo	City of Lompoc
Mr. Daniel Acosta	Mobilitie, LLC
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Mr. Daniel Lippert	City of Burbank
Mr. Alex Parra	City of Riverside
Ms. Maryam Farajzadeh	City of Vernon
Ms. Wendy Mueller	Extenet Systems
Mr. Brandon Robinson	City of Banning
Mr. Dan Gardner	MCI Telecom/MCI Metro

Mr. David Patterson
Ms. Alyssa Aguilar
Mr. Mark Denning
Ms. Sherri DuChateau
Mr. Jay Hanenkratt

City of Azusa
City of Colton
M-Power Communications
Golden State Water
ATC-Outdoor DAS

CALL TO ORDER

President, Mr. Steve Brown called the meeting to order at 9:02 am. Mr. Brown then proceeded with roll call. When roll call was complete, the member not in attendance is City of Glendale (A). The members reviewed the Emergency Evacuation Procedures. The following members are assigned as follows:

- Call 911 – XO Communications- Ms. Maria Ortiz
- CPR Certified – Frontier Communications – Ms. Megan Stewart
- Group Leader – City of Los Angeles – Mr. Steve Brown
- Sweeper/Searcher – Frontier Communications – Mr. William Kearns

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 transpired in their absence.

APPROVAL OF MINUTES:

Mr. Brown inquired whether the members had reviewed the minutes of the September 20, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown solicited a motion to accept the minutes as written. Ms. Hernandez motioned to accept the September 20, 2017 minutes as written and Ms. Smith seconded the motion, which after the vote tally was completed, passed unanimously.

MANAGER'S REPORT

Ms. Pranata reported that the September 2017 operating expenses were \$80,080.53. She added that the expenses are above average in that the month of September reflected an additional pay period. The members were assessed this amount. There were no further questions or comments.

COMMUNICATIONS:

Letter from CPUC – Conference call with SCJPC Attorney Boyd Hudson at 10:am

Ms. Pranata reported that she received a communication from Mr. Christopher Witteman of the CPUC, which was also sent to Mr. Steve Brown and Mr. Hudson the Committee counsel. Therefore, she scheduled a conference call at 10:00am today with Mr. Hudson to address this communication from Mr. Witteman.

The members reviewed the letter from Mr. Witteman prior to the conference call with Mr. Hudson. Mr. Brown read the document requests and stated that if the SCJPC does not provide the requested documents, they could receive a subpoena from the Commission.

Mr. Brown stated that if the documents are provided, he is of the opinion that there will be more requests. He inquired the rest of the member's thoughts on this request.

Mr. Plaskey stated that if the Committee provides the documents, to what degree could they request changes to the Committee.

Mr. Steve Brown responded that their objective is a California Pole Database, which would be a combined database of the NCJPA and the SCJPC. He added that the Committee does not have the funds or resources to create such a database. It was noted that the NCJPA has provided requested documents to the CPUC.

Ms. Carmichael stated that she sees no problem in providing the CPUC with the requested documents. Ms. Hernandez stated that if the Committee does not provide the documents, it could appear that SCJPC is uncooperative.

Mr. Hudson joined the meeting via conference call. He opened by stating that he spoke with Mr. Chris Witteman, the staff attorney for the CPUC, in regards to his letter addressed to the SCJPC. He stated that the focus was on the requested items. The requested documents are the Current By-Laws, Joint Pole Agreements, and other constituting documents. He added that they are looking for organizational documents associated with the Committee. In that the Committee is non-profit, the determination letter issued by the IRS should be provided.

The second item request, the Routine Handbook, has been provided by Mr. Stonerock of SCE. The third item request was any document other than the Routine handbook that describes procedures. The fourth item is the most recent financial audit completed by an outside CPA. The final item is what the CPUC is most interested, and that is the documents describing the process by which a pole access request is routed and resolved. He added their primary concern is the ability of outside competitive carriers to access poles. They are very interested in the entire process by which carriers request, access, and the entire process by which access is provided and handled. He further added that they are receiving complaints from these carriers that the process is limited, time consuming, and bureaucratic. Their objective is to streamline the process for these carriers which is gist of this investigation.

Mr. Steve Brown inquired as to the request of their annual financial audit. Mr. Hudson responded that they did not discuss this document request. He added that in regards to confidentiality, Public Utilities Code Section 583 which notes that any officer of the CPUC who divulges any information is guilty of a misdemeanor. Mr. Hudson added that the Commission understands the confidentiality concerns.

Mr. Steve Brown inquired if the Commission is aware of the Committee's information limitations on solely owned poles, pole loading, and tenants. Mr. Hudson

responded that if the committee is unable to provide information because they do not have the information available, it is understandable.

Mr. Hudson reiterated that the Commission's primary concern is the process for outside carriers to obtain access and use of the poles in a timely manner. This concern is the basis of this investigation.

Mr. Hudson stated that Mr. Witteman has the power to subpoena the Committee if the Committee does not comply with their requests. However, Mr. Witteman is hopeful that this will not be necessary.

Ms. Hernandez stated that there is criteria in the current Agreement citing what is required for membership to outside carriers.

Ms. Carmichael informed Mr. Hudson that carriers apply for pole access to individual members and not through the SCJPC. Each member has their respective individual application procedures.

Mr. Hudson will work with Ms. Pranata to provide the necessary requested documents and a response letter to the Commission.

SPECIAL REPORTS

There are no special reports.

SUB-COMMITTEE REPORTS:

Ad hoc Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, October 17, 2017. She reported that the members discussed cable pole tags which is on the current discussion calendar for Board discussion.

The ad hoc continues to review and discuss the possibility of individual Authorized Costs. Members will review their current costs to determine the range in costs among members and discuss why these costs vary and if individual costs are warranted.

Lastly, she reported that the issue of crane and helicopter costs is on hold while Southern California Edison continues their research to determine if an Authorized Costs should be created for these actions.

Ms. Hernandez concluded by referring the members to the minutes of that meeting for further details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on October 17, 2017. She reported that a revision has been made to Section 1.2 which is on the current discussion calendar for Board discussion.

She reminded members that the email addresses of those members wishing to receive forms via email is now available on the SCJPC website and requested members to avail themselves to this method of form delivery.

Members continue discussing adding a member to an existing JPA via form 7. Lastly, she reported that a revision has been made to the Form 48 which is on the current Discussion Calendar.

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

Computer Communications ad hoc Committee

Ms. Nix reported that this ad hoc met on October 17, 2017. She stated that the pole record redesign and the loading of JPA finals to the website continue to be a work in progress. She further reported that the *Membership Information* page will be changed to *Member Contact Information* page. She concluded by referring the members to the minutes of the meeting.

Compliance ad hoc Committee

Mr. Carrion reported that this ad hoc met on October 17, 2017. The members discussed the recent letter received from the CPUC requesting documents. He added that the SCJPC lawyer communicated with Mr. Witteman of the CPUC and he will report on that meeting today in a conference call. He referred the members to the minutes for further information.

Operating Committee

Mr. Kearns reported that this committee met on September 20, 2017 and referred the members to the minutes of the meeting for details. He then announced that he would no longer be the Frontier representative, therefore moving forward Mr. Brett Plaskey would be the representative, SCJPC vice-president and Operating committee chairperson.

NJUNS ad hoc Committee

Mr. Wayne Brown reported that NJUNS met on September 20, 2017. He added that originally, SPANS was to facilitate a presentation at today's Admin Board meeting, however, this presentation will be scheduled for another meeting in the future. There will be a Varasset presentation scheduled for the November Board meeting. The members also discussed utilizing NJUNS for the buddy pole transactions.

He concluded by referring the members to the minutes of the meeting.

Pole Loading ad hoc Committee

Mr. Wayne Brown reported that this ad hoc met on October 17, 2017. He stated that he will be providing Edison's 2018 pole replacement and steel stubbing forecast to the members to allow them the ability to prepare internally. He will provide the forecasted areas to Crown Castle and AT&T California. The members requested that Edison provide all members their forecasted areas.

He concluded by referring the members to the minutes of the meeting.

Basic JPA Training ad hoc Committee

Mr. Carrion reported that the ad hoc met on October 17, 2017. The members reviewed the preliminary outline which is a revamp of the current training module available on the SCJPC website as a packet. Crown Castle will further expand on that outline and have members review.

Item 1641 is on hold until the completion of the Power Point.

He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

Section 18 Example 14, 15, & 28 Revised

Ms. Ortiz reported that now that the antenna owner is required to purchase the 2" antenna safety clearance, the above noted examples have been revised to reflect the change.

Item 1638; Form 2 – Add Contact Information

Ms. Ortiz reported that the taxing information has been replaced by member contact information.

Mr. Steve Brown inquired if the info is that of the rep, the designer, or the construction staff. It was agreed that party should be the person who is able to answer questions pertaining to the JP-2 form. The members briefly discussed who should be the contact. Some members suggested that the receiving member should update the form to provide contact information.

Mr. Armstrong motioned to approve the Consent Calendar, Ms. Hernandez seconded the motion, which after the vote tally was completed, passed unanimously.

DISCUSSION CALENDAR:

Item 1643: Auth Cost for Pole Tag (Auth Cost Elements Committee).

Mr. Steve Brown opened discussion by stating that DWP is of the opinion that if a member is in the field inspecting a pole, and the tag is missing, that member should re-tag the pole with no charge to joint members. Ms. Hernandez stated that she is in agreement with Mr. Brown.

The members agreed that Authorized Cost 15-A Tagging would be removed effective January 2018.

Mr. Wayne Brown stated that he would require further internal research prior to SCE agreeing to eliminate this Authorized Cost. Therefore, Item 1643 requires further discussion at the ad hoc level.

The members discussed inspections which resulted in creating an item number to be assigned to an ad hoc committee for further discussion at the ad hoc level. Item 1646: Inspection Discussion has been assigned to the Compliance ad hoc committee.

Use of Special Agreement Sec 1.2 with Section 18.1 (not returning the JPA for Sec 1.2) -RR committee

Ms. Ortiz opened discussion by stating that a revision has been made to this section. She added that in order to final bill a 1.2, all members must sign, and therefore an 18.1D cannot be billed. The following verbiage has been added, "If not approved within 45 days, escalate to the SCJPC representative".

Mr. Steve Brown stated that the 1.2 JPAs are not being returned, therefore, delaying final billing. The ad hoc members agreed that if there is no response within 45 days, members bring the JPA to the attention of the SCJPC member representative.

Mr. Wayne Brown inquired if there is a time frame after the JPA is brought to the attention of the representative. Mr. Steve Brown responded that this issue was not discussed at this time; a 15 day time frame was suggested.

After discussion the revision was changed to read, "If no response is received within 45 days, escalate to the SCJPC representative", since there is no guarantee that the JPA will be approved.

After discussion it was agreed that this issue requires further discussion at the ad hoc level, therefore this item will be returned to the ad hoc at this time.

Item 1639: LTD of Owners owned Space (POP-SOP) -RR committee

Mr. Steve Brown opened discussion by stating that this is in regards to LTD. He stated that when replacing a pole and if a section of the pole cannot be tied up because of the equipment on that section of the pole that section of the pole is the property of that owner and there should not be charges to other members. The remaining section should be on the Form 2, if not then on the Form 48. The pole legend on the Form 2 reads SOP for section of pole. This revision will be on the Consent Calendar of the November Board meeting for Board approval.

OTHER ITEMS: Unfinished Business

Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)
Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
Item 1597: Review of RR Examples – REVISION (05/19/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1632: Adding Member to JPA via Form 7 - ROUTINE REVISION (04/19/2017)
Item 1634: Inspection Responsibility – POLE LOADING (06/19/2017)
Item 1637: Item 13A Clearing Pole/SRA - AUTH COSTS (06/20/2017)
Item 1638: Form 2 – Add Contact Information - ROUTINE REVISION (06/21/2017)
Item 1639: LTD of Owners Owned Space (POP) - ROUTINE REVISION (07/18/2017)
Item 1641: JPA Training (Prelim & Final) - OPERATING (07/19/2017)
Item 1643: Authorized Cost for Pole Tag - AUTH COSTS (8/15/2017)
Item 1644: Meeting Caller Identification - OPERATING (08/16/2017)
Item 1645: SCE's Approved Contractors Replacement - ROUT REVIS (07/18/2017).

Item 1638: Form 2 - Add contact information, and Item 1644: Meeting Caller Identification are now closed. All above items remain open at this time.

Item 1629: 2017 Environmental Issues

There were no environmental issues.

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	11/14/17	9:00 am.	Committee Office
Authorized Costs	11/14/17	Following	Routine Revision
Computer Committee	11/14/17	Following	Authorized Costs
Compliance Committee	11/14/17	Following	Computer Committee
Pole Loading	11/14/14	Following	Compliance Committee
Administrative Board	11/15/17	9:00 am.	Committee Office
Operating Committee	11/15/17	Following	Administrative Board
NJUNS	11/15/17	Following	Operating Committee
Basic JPA Training	11/15/17	Following	NJUNS

ADJOURNMENT:

Mr. Brown adjourned the meeting at 10:40 am until November 15, 2017.

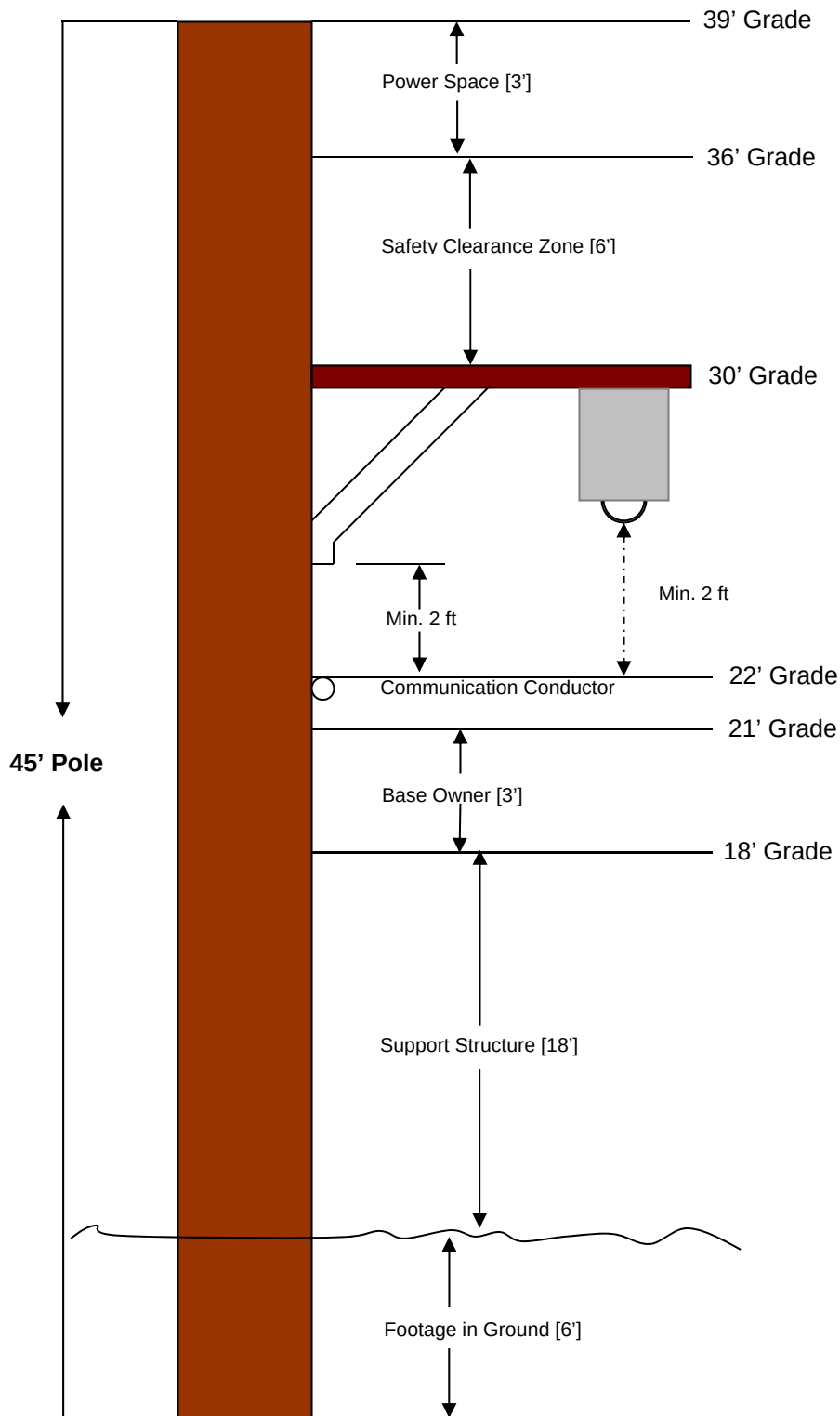
Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

POLE SPACE ALLOCATION EXAMPLE 14

This example shows a 45' with space allocated per the chart in Section 16.1B of this Routine Handbook. For purposes of this example there is one power Member, one communication Member and one wireless Member involved on the pole. Power Member is the base owner.



Space/Grade Allocation

Power:

39-3
21-3

Wireless:

30-8

Communication:

22-1

Safety Clearance:

36-6

24-2*

*Purchased by Antenna

Owner

09/19/2017

(Revised January 2010)

PRELIMINARY-JOINT POLE AUTHORIZATION **2' ANTENNA SAFETY CLEARANCE ZONE** **EXAMPLE 15**

Refer to Example 14

This transaction shows U3 to purchase and place arm and antennas. The 2' antenna safety clearance required per G.O. 95, Rule 94 is met in the field. **Antenna owner is required to purchase the 2' antenna safety clearance. 09/19/2017**

Refer to glossary

AUTHORIZATION FOR JOINT POLE TRANSACTION															J.P. FORM 2-1 Preliminary 1/95	
Date 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.				
1/8/2008								2/2/2008				U3-3459				

UTILITY	REPRESENTATIVE	DISTRICT-DIVISION-EXCHANGE	APPROVED	TAXING INSTRUCTIONS	ACCOUNTING DATA
U1	JONES	LOS ANGELES	JONES	LOS ANGELES	5577303
U2	JOHNSON	LOS ANGELES	JOHNSON	LOS ANGELES	A403
U3	WHITE	LOS ANGELES	WHITE	LOS ANGELES	LA062-01

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 Class	Anchor Direct.	U1	U2	U1	U2	U3				
					16KV	C		16KV	C	ANT		U3 PURCHASE SEC 4.0	1
												U3 PLACE ANTENNAS SEC 3.15	2
4015-U1	45	03	FT 4	39-11	22-1			39-3	22-1	30-6	30-8	SPRING ST N/S 120' N/O 2ND ST	3
				21-3				21-3					4
	ARM									100			5
													6
													7
													8
													9
													10
													11
													12
													13

POLE LEGEND:
L = LOWER CUT
P = PULL
PB = PULL BUTT
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Show Quantity of Items to be billed in the Column of Party to be Paid.

↑ ↑ ↑ ↑

GEOGRAPHICAL LOCATION

SAN PEDRO
COMMUNITY

VP/J.P.-03
Rev. Jan 2010

(Revised January 2010)

AUTHORIZATION FOR JOINT POLE TRANSACTION

J.P. FORM 2-1 Preliminary 1/95

Date
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 Phone
 ☐ By Email

Est.
Const.
Start

No. of
Pages

J.P.
Auth.No.

UTILITY	REPRESENTATIVE	PHONE NUMBER OR EMAIL	DISTRICT-DIVISION-EXCHANGE	APPROVED	ACCOUNTING DATA
				(Deleted "Taxing Instructions")	

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



GEOGRAPHICAL LOCATION

COMMUNITY

VP/J.P.-03

Rev. July 2017

PUBLIC UTILITIES COMMISSION505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

October 13, 2017

By Email & U.S. Mail

Steve Brown, President (c/o angela@scjpc.net)
Southern California Joint Pole Committee
279 E. Arrow Hwy, Suite 104
San Dimas, CA 91773

Boyd Hudson, Esq. (boyd@ahh-law.com)
Adams, Hawekotte, and Hudson
700 E. Colorado Blvd, Suite 300
Pasadena, CA 91101-2331

Angela Pranata
Manager of Operations (angela@scjpc.net)
Southern California Joint Pole Committee
279 E Arrow Hwy, Suite 104
San Dimas, CA 91773

Re: Demand for Full Compliance with Commission Data Requests

Dear Messrs. Brown and Hudson, and Ms. Pranata:

This letter responds to Mr. Hudson's of August 18, 2017, and Mr. Brown's of February 28, 2017 (and acknowledges Ms. Pranata's email of March 1, 2017), all addressed to me, and all purporting to be in response to Commission data requests to the Southern California Joint Pole Committee.

The Southern California Joint Pole Committee was named as a Respondent in Investigation 17-06-027 and Rulemaking 17-07-028 (OII/OIR) "for the purpose of responding directly to Commission data requests."¹ The August 18, 2017 letter purports to respond to the Appendix C data requests in the OII/OIR. The August 18, 2017 letter did not, however, provide the following documents and information, as required by the OII/OIR, stating merely that the documents were "not provided":

¹ I.17-06-027/R.17-06-028, at Ordering Paragraphs 8 and 10.

- ... Current By-Laws, current Joint Pole Agreements, and other constituting documents;
- ... Current Operations/Routine Handbook;
- ... To the extent different than the Handbook, the “Routine” (or functional equivalent) as that term is used in the 1998 NCJPA Joint Pole Agreement;
- ... Most recent annual audit; and
- ... Any other documents describing the process by which a pole access request is routed and resolved.

As to the last request, staff needs to understand (in addition to the requested document production) the extent to which the request routing and resolution system or process, including any procedures to ensure completion of make-ready work, is purely paper-based, a mix of paper and electronic communications, or wholly digital/electronic.

A “not provided” response is not acceptable. SCJPC is not in compliance with the Commission’s order to produce these documents. Commission staff requests that SCJPC promptly provide the same, and the requested further explanation. If SCJPC is unwilling to produce these documents, please let us know as soon as possible, so that we can relay this information to Commission decisionmakers.

In the wake of SCJPC’s failure to provide these documents, Sam Stonerock at Edison caused us to be provided with the 2017 handbook and the 1998 Joint Pole Agreement. We will need you to verify that these are the complete and only documents responsive to the identified requests (we can send you copies of what we received). In particular, we need to know whether there have been any amendments or additions to the 1998 Joint Pole Agreement; those must also be produced. In regard to all of the OII/OIR Appendix C Data Requests, staff requests that SCJPC state that it has produced all relevant documents, and identify the individuals who gathered and provided information and documents in response to each request.

In regard to Mr. Brown’s February 28, 2017 letter, responding to a staff request to “state whether and the extent to which such database utilizes a geographic information system (GIS) to identify locations (longitude and latitude) of each pole,” Mr. Brown states that “SCJPC will record the latitude and longitude if the data is typed on the Final JPA. Most JPAs do not contain Latitude and Longitude information.” Please define “Final JPA” as used in this sentence, explain the process, and state the percentage of poles in the database that have accurate latitude and longitude data (or any lat/long data).

Please provide this information, and the previously requested documents, within two weeks of the date of this letter. If you have any questions concerning this matter, please direct them to me.

Our analysis of the information you have provided to date is continuing.

Thank you,

/s/ Chris Witteman

Christopher Witteman
Staff Counsel
Telecommunications & Advisory
California Public Utilities Commission
505 Van Ness Avenue, Rm 5028
San Francisco, California 94102
W: 415.355.5524

cc: Helen Mickiewicz, Asst. General Counsel, Telecommunications
Cynthia Walker, Director, Communications Division
Michael Morris, Communications Division
Glenn Semow, Communications Division
Elizabeth Podolinsky, Advisor to President Picker

1.2 Special Agreement

Special Agreement may be made for transactions in conflict with the Routine, provided approval is obtained therefor. Joint Pole Authorization shall clearly specify adjustment for each transaction under “Special Agreement” and the Joint Pole Committee Office shall record same as approved by Members concerned. Automatic approval may not apply to a JPA under Special Agreement. Therefore, Section 18.1D does not apply. If no response is received within 45 days, escalate to the SCJPC representative.

Send back to Ad Hoc meeting for further discussion 10/18/2017

Revised 10/17/2017 – For discussion Admin Board 10/18

POLE LEGEND:		L	= LOWER TOP
P	= PULL	U(XX)	= UTILITY CODE (FOOTAGE CUT)
PB	= PULL BUTT	SCZ	= SAFETY CLEARANCE ZONE
T	= TRANSPORT	SOP	= SECTION OF POLE
S	= SALVAGE	ANCHOR LEGEND:	
D	= DISPOSE	AR	= ANCHOR/ARM REMOVED
TN	= TENANT	AT	= ANCHOR/ARM TRANSFERRED

FORM 48

MEMORANDUM NOTICE OF JOINT POLE WORK
 IMPORTANT - Note correct Operation and provide details accurately.

FIELD USE: FORM 48 DATE PREPARED: _____ JPA NUMBER: JPA 12345

OFFICE USE: FORM 48 DATE SENT: _____ JPA DATE SENT: _____

JPA 12345	UTILITY CODE		Phone number: _____	
	From: _____	Name: _____		
	UTILITY CODE		UTILITY CODE	
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____

OPERATION No.

1. Change removal agreement.
2. Add item for hand-dig, **specify nature of conflict in remarks.**
3. Add item for topping a pole, **when not on JPA.**
4. Transfer has been completed.
5. Make your temporary attachments permanent on new pole.
6. Anchor has been installed/replaced; attachments should be made.
7. Our attachments have been removed; pole may be renumbered (**only applies to base owner**).
8. New pole location changed, specify nature of conflict and new location in remarks (**substructure conflict only**).
9. Our transfer has been completed; pole may be pulled (**i.e. MITC poles, alternative to wood poles**).
10. All work completed based on Form 7 dated: _____
11. Work completed **ONLY** on poles listed below.
12. Our work has been completed. **Must list poles below.**
13. Records only-Initiate billing (**purchase/relinquishment**).

POLE LEGEND: L = LOWER TOP
 P = PULL U(XX) = UTILITY CODE (FOOTAGE CUT)
 PB = PULL BUTT SCZ = SAFETY CLEARANCE ZONE
 T = TRANSPORT
 S = SALVAGE
 D = DISPOSE
 TN = TENANT

ANCHOR/ARM LEGEND:
 AR = ANCHOR/ARM REMOVED
 AT = ANCHOR/ARM TRANSFERRED

J.P. Auth.		Pole No. (Required)	Operation No. (Required)	Only required for changes to JPA				POLE CUT U(XX)	ADD Item #	Remarks/changes
				PTD	PB	LTD	HAND DIG			
		12345U1		U1						SOP remains

REMARKS: _____

FORM 48

MEMORANDUM NOTICE OF JOINT POLE WORK
IMPORTANT - Note correct Operation and provide details accurately.

JPA NUMBER:

[illegible]

REMARKS:

Southern California Joint Pole Committee

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

November 15, 2017

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. Ronald Schram	City of Los Angeles
Mr. Wayne Brown	Southern California Edison
Ms. Valerie Mitwasi	Southern California Edison
Ms. Jessica Nix	Southern California Edison
Ms. April De Barge	Southern California Edison
Mr. Bret Plaskey	Frontier Communications
Ms. Megan Stewart	Frontier Communications
Ms. Manijeh Carmichael	AT&T California
Mr. Josh Mathisen	AT&T California
Ms. Alicia Smith	Sprint Nextel/Sprint Communications
Ms. Lynn Prescott	Verizon Wireless
Ms. Samantha Carillo	Time-Warner Cable
Mr. Johnny Trang	City of Pasadena
Mr. John Vu	City of Anaheim
Mr. Ayman Arraj	City of Burbank
Ms. Shawn Henderson	T-Mobile USA
Ms. Lupe Hernandez	Teleport Communications America, LLC
Ms. Maria Ortiz	XO Communications
Mr. Earle Carrion	Crown Castle NG West Inc./NewPath/CA-CLEC LLC
Mr. Dave Campo	City of Lompoc
Mr. Brandon Robinson	City of Banning
Ms. Angela Pranata	Committee Staff
Ms. Kathleen Allen	Committee Staff
Ms. Jennie Corella	Committee Transcriber

Those attending via teleconference were:

Ms. Yvonne Johnson	AT&T Mobility
Mr. Daniel Lippert	City of Burbank
Mr. Mark Denning	M-Power Communications
Ms. Maryam Farajzadeh	City of Vernon
Ms. Wendy Mueller	Extenet Systems

Mr. David Patterson
Ms. Racheal Torres
Ms. Kay Black
Mr. Jay Hanenkratt

City of Azusa
Mobilitie, LLC
AT&T California
ATC-Outdoor DAS

CALL TO ORDER

President, Mr. Steve Brown called the meeting to order at 9:02 am. Mr. Brown then proceeded with roll call. When roll call was complete, those members not in attendance are City of Riverside (J), City of Glendale (A), City of Colton (F), Golden State Water (SCW), MCI Telecom (MCI), and MCI Metro (ATS). The members reviewed the Emergency Evacuation Procedures. The following members are assigned as follows:

- Call 911 – So. California Edison- Ms. April De Barge
- CPR Certified – Frontier Communications – Ms. Megan Stewart
- Group Leader – City of Los Angeles – Mr. Steve Brown
- Sweeper/Searcher – So. California Edison – Mr. Wayne Brown

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 18, 2017 Board meeting, and if there were any comments, additions, deletions, or revisions. In that there were no revisions, Mr. Brown then solicited a motion to accept the minutes as written. Mr. Plaskey motioned to accept the October 18, 2017 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 2017 operating expenses were \$62,684.84. The members were assessed this amount. There were no questions or comments.

COMMUNICATIONS:

There are no communications

SPECIAL REPORTS

Varasset Demo at 9:15 a.m.

Mr. Dave Cheney opened the presentation at 9:15 a.m. by introducing Mr. Craig Robertson who facilitated the demonstration. The first screen was the flow chart of the JPA process. He stated that Varasset is a software platform designed for power and communication organizations. It is versatile in that there are different types of organizations that represent similar problems. The demo is their current Varasset version which is in HTML5. The software is a work and asset management solution. The software is easily able to interface with other platforms, such as NJUNS.

The members viewed the software's joint use flow chart screen as Mr. Robertson explained each step in the flow chart process. He displayed the asset and ticket management screens, also explaining the process.

When the demonstration was complete Mr. Cheney solicited questions. Mr. Steve Brown inquired should the SCJPC continue with NJUNS if they utilize Varasset. Mr. Robertson responded that NJUNS could be used in conjunction with this software, however, it is not necessary. He added that some organizations interface with NJUNS to streamline some of their processes.

Mr. Brown inquired if the software required purchasing or would it be a per user fee. Mr. Cheney responded that it is a software that would be purchased. He added that it is typically sold as an enterprise site license, therefore there is no cap on number of users and cost is based on total asset estimate. The cost starts with an upfront project management fee which is for formatting the software to work as close to your current process. Then there is the data integration and setting up any required interfacing.

The members thanked Varasset for their demonstration.

SUB-COMMITTEE REPORTS:

Ad ho Committee on Authorized Cost Elements

Ms. Hernandez reported that the Authorized Costs ad hoc committee met Tuesday, November 14, 2017. She reported that the members continue discussing the option of publishing the Authorized Costs individually per member. She added that SCE and DWP will meet to review their respective costs to reveal the differential range and determine if individual costs are warranted.

SCE and AT&T will discuss the SCE inspection report created by SCE prior to final billing.

SCE continues to research internally in regards to helicopter and crane costs. Ms. Hernandez concluded by referring the members to the minutes for details.

Routine Revision ad hoc Committee

Ms. Ortiz reported that this ad hoc committee met on November 14, 2017. She reported that the members discussed Section 1.2 with Section 18.1 and verbiage has been added to Section 1.2 which is on the current Discussion Calendar.

The members also discussed continuing to review all of the examples in the Routine Handbook to ensure they are accurate with current billing procedures. The ad hoc will work on this task starting the incoming year.

The members continue discussing adding a member to a JPA. Expediting pole replacements will continue to be discussed within the ad hoc.

She concluded by stating that if any of these items are of interest to members, plan on attending the ad hoc meetings on Tuesdays, then she referred the members to the minutes for further details.

Computer Communications ad hoc Committee

Ms. Nix reported that this ad hoc met on November 14, 2017. She stated that when searching for a pole or JPA there is a PDF icon, which allows users to view a copy of the final. Work continues on this enhancement. She referred the members to the minutes for further information.

Compliance ad hoc Committee

Mr. Carrion reported that this ad hoc met on November 14, 2017. The members discussed the response letter to the CPUC and are waiting for the CPUC response.

Discussion regarding inspections for AT&T with item 13(a) of the Authorized Cost also occurred. He concluded by referring the members to the minutes.

Mr. Steve Brown inquired if the CPUC has invited the SCJPC to a meeting. Ms. Pranata responded that she has not received such communication to date.

Operating Committee

Mr. Plaskey reported that this committee met on October 18, 2017 and members reviewed the monthly reports. Item 1644 was closed. He concluded by referring the members to the minutes.

NJUNS ad hoc Committee

Mr. Wayne Brown reported that NJUNS met on October 18, 2017. The members discussed the Varasset demonstration and scheduling a SPANS demonstration if the members agree.

Discussion by the members was having an NJUNS training presentation at the JPC office for interested members. He concluded by referring the members to the minutes of the meeting.

Pole Loading ad hoc Committee

Mr. Wayne Brown reported that this ad hoc met on November 14, 2017. He stated that in providing Edison's 2018 pole replacement list some poles may be leftovers from 2017 due to environmental issues, and likewise some 2018 poles may not be addressed until 2019. Members should have their list by week's end. The list includes distribution poles, and the transmission poles will come later.

He concluded by referring the members to the minutes of the meeting.

Basic JPA Training ad hoc Committee

Mr. Carrion reported that the ad hoc met on November 14, 2017. The power point module is still pending on the initial review. He concluded by referring the members to the minutes of the meeting.

CONSENT CALENDAR:

*Item 1639: LTD of Owners owned Space (POP-SOP) -RR committee
Form 48 example*

2018 Proposed Operating Budget Draft 2

Mr. Brown solicited a motion to approve the items on the consent calendar. Mr. Ortiz motioned to approve the Consent Calendar, Mr. Plaskey seconded the motion, which after the vote tally was completed, passed unanimously. It was noted that M-Power and the City of Vernon were not present for the vote.

DISCUSSION CALENDAR:

Section 1.2 Revised

Ms. Ortiz opened discussion by stating that currently when there are multiple pole replacements and several members on a JPA, and the member that is affected by the pole replacement has signed and agreed, but the other member(s) are not affected and have not signed; the JPA may be billed. The verbiage, “by affected members” has been added to this section. Therefore, if the JPA is missing the signature of the **unaffected** member(s), the JPA may be billed.

This revision will be effective January 2018 if approved. Ms. Hernandez stated that the ad hoc committee will discuss how to address those that are in process. This item will be on the Consent Calendar of the January 2018 Administrative Board agenda for approval.

OTHER ITEMS: Unfinished Business

Item 1581: Pole Record Design – COMPUTER COMMUNICATIONS (4/10/2012)
Item 1588: NJUNS Investigation – COMPUTER (07/16/2014)
Item 1597: Review of RR Examples – REVISION (05/19/2015)
Item 1602: Posting Finals on JPC Website - ROUTINE REVISION (10/21/2015)
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 1620: Failure to complete Pole Removal – ROUTINE REVISION (6/14/2016)
Item 1624: Billing Process Efficiency - COMPUTER (10/19/2014)
Item 1626: Electronic Delivery of Forms -ROUTINE REVISION (11/16/2016)
Item 1630: CPUC Data Requests Updates – COMPLIANCE (02/14/2017)
Item 1632: Adding Member to JPA via Form 2 - ROUTINE REVISION (04/19/2017)
Item 1634: Inspection Responsibility – POLE LOADING (06/19/2017)
Item 1637: Item 13A Clearing Pole/SRA - COMPLIANCE (06/20/2017)
Item 1639: LTD of Owners Owned Space (POP) - ROUTINE REVISION (07/18/2017)
Item 1641: JPA Training (Prelim & Final) – BASIC JPA TRAINING (07/19/2017)
Item 1643: Authorized Cost for Pole Tag - AUTH COSTS (8/15/2017)
Item 1645: SCE's Approved Contractors Replacement - ROUT REVIS (07/18/2017).
Item 1646: Inspection Discussion - COMPLIANCE (10/18/2017)

Item 1606: Single Trip to the Pole Expectations is now closed and will be reopened when needed, and *Item 1639: LTD of Owners owned Space (SOP)*, and *Item 1643: Authorized Cost for Pole Tag* are now closed. The title for Item 1632 was revised to *Adding Member to JPA via Form 2*. *Item 1637: Item 13A Clearing Pole/SRA* was transferred to Compliance Committee from Authorized Costs Committee. *Item 1641: JPA Training (Prelim & Final)* was transferred to Basic JPA Training Committee from Operating Committee. Item 1647 was added at the Routine Revision meeting, titled *Update Verbiage to Sec 4.1 – Pole Loading*. *Item 1648: Authorized Costs Year set vs Date*

Sent has been assigned to the Operating Committee. All above items remain open at this time.

Item 1629: 2017 *Environmental Issues*

There were no environmental issues.

New Business

Known Items:

There were no known items.

Unknown Items:

Mr. Carrion opened discussion on JPAs with Section 7.10. He stated that members are requesting additional information as to if it is private party or government entity that is requesting the pole replacement. He added that Mr. Serrato will bring this issue to the table for further discussion at the next Board meeting.

SCHEDULE OF FUTURE MEETINGS:

Future meetings were scheduled as follows:

Routine Revision	01/16/18	9:00 am.	Committee Office
Authorized Costs	01/16/18	Following	Routine Revision
Computer Committee	01/16/18	Following	Authorized Costs
Compliance Committee	01/16/18	Following	Computer Committee
Administrative Board	01/17/18	9:00 am.	Committee Office
Operating Committee	01/17/18	Following	Administrative Board
NJUNS	01/17/18	Following	Operating Committee

ADJOURNMENT:

Mr. Brown adjourned the meeting at 11:20 a.m. until January 17, 2018.

Mr. Steve Brown, President

Ms. Angela Pranata, Manager of Operations

Ms. Jennie Corella, Committee Transcriber

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T	= TRANSPORT	SOP	= SECTION OF POLE
S	= SALVAGE	ANCHOR LEGEND:	
D	= DISPOSE	AR	= ANCHOR/ARM REMOVED
TN	= TENANT	AT	= ANCHOR/ARM TRANSFERRED

FORM 48

MEMORANDUM NOTICE OF JOINT POLE WORK
 IMPORTANT - Note correct Operation and provide details accurately.

FIELD USE: FORM 48 DATE PREPARED: _____ JPA NUMBER: JPA 12345

OFFICE USE: FORM 48 DATE SENT: _____ JPA DATE SENT: _____

JPA 12345	UTILITY CODE		Phone number: _____	
	From: _____	Name: _____		
	UTILITY CODE		UTILITY CODE	
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____
	To: _____	Name: _____	To: _____	Name: _____

OPERATION No.

1. Change removal agreement.
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3. Add item for topping a pole, **when not on JPA.**
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6. Anchor has been installed/replaced; attachments should be made.
7. Our attachments have been removed; pole may be renumbered (**only applies to base owner**).
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POLE LEGEND: P = PULL PB = PULL BUTT T = TRANSPORT S = SALVAGE D = DISPOSE TN = TENANT
 L = LOWER TOP U(XX) = UTILITY CODE (FOOTAGE CUT) SCZ = SAFETY CLEARANCE ZONE
 ANCHOR/ARM LEGEND: AR = ANCHOR/ARM REMOVED AT = ANCHOR/ARM TRANSFERRED

J.P. Auth.		Pole No. (Required)	Operation No. (Required)	Only required for changes to JPA				POLE CUT U(XX)	ADD Item #	Remarks/changes
				PTD	PB	LTD	HAND DIG			
Page No.	Line No.									
		12345U1		U1						SOP remains

REMARKS: _____

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
2018 PROPOSED OPERATING BUDGET - Draft 2**

Line	EMPLOYEE EXPENSE	2015 ACTUAL	2016 ACTUAL	2017* (based on Sept YTD exp)	2018 PROPOSED	Member Assessment: Proportional / Equal	
1	Salaries	391151	423387.51	478547 *	535,754	P	Year end projection on budget-added 5% to 2017 expense + new employee
2	Insurance - Med/Den/Life	54839	49397.15	53458 *	78,147	P	Rate increased + new enrollment Gladys Vasquez admin aide. Note: Approved 2017 budget: \$71,650
3	Payroll Taxes	30872	32629.02	36744 *	45,539	P	8.5% of Salaries (line 1)
4	Worker's Comp	3711	3291.49	4809 *	3,100	P	Based on received renewal premium (discounted rate by staying with current medical insurance)
5	Misc. Expense/Travel	1734	3279.01	1311 *	1,500	P	Year end projection
6	<u>PENSION EXPENSE</u>						
7	Contribution-Sep IRA	38206	39958.51	44169 *	56,254	P	10.50% of Salaries (line 1)
8							
9	<u>MONTHLY RECURRING</u>						
10	Rent	95182	97176.60	98527 *	102,489	P	Based on lease schedule & 2018 estimated building operating expenses
11	Alarm System	546	563.88	564 *	600	P	Year end projection
12	Electricity	(included above)	(included above)	(included above) *	(included above)		Included in rent
13	Janitorial Service	(included above)	(included above)	(included above) *	(included above)		Included in rent
14	Telephone/Internet	6879	7127.02	7245 *	7,320	P	Price Increased \$610/mo
15	WebEx	828	844.00	828 *	1,080	P	\$90/month
16	Postage & Shipping	1589	2016.26	2135 *	2,200	P	Year end projection (more JPAs to mail)
17	Business Insurance	2635	1529.41	2073 *	3,000	P	Based on renewal premium term 12/1/2017-12/1/2018
18	Committee Meetings	3620	4075.68	3519 *	4,000	P	Year end projection
19	<u>EQUIP & FURN MAIN.</u>						
20	Copy Machine	1723	2377.51	1781 *	2,000	P	Year end projection
21	(repair, maintenance, supplies)						
22	<u>NETWORK SYSTEM</u>						
23	Computer-LAN Maintenance	10800	10800.00	10800 *	13,000	P	Current contract 900/mo & anticipated billable LAN maintenance
24	FRIEND Support/contract	4800	4800.00	4800 *	4,800	P	Current contract 400/mo
25	Hosting Total:	9470	10302.61	7649	9,770	P	
26	Website	(included above)	(included above)	(included above) *	9300 (included abv)	P	\$600/mo + \$175/mo for JPA PDF host
27	Sharefile/Domain/Email	(included above)	(included above)	(included above) *	470 (included abv)	P	\$32.95 / mo + \$70 Email host yearly
28							
29	Computer	1068	1004.22	1986 *	2,500	P	Year end supplies projection & anticipated billable computer maintenance
30	(repair, maintenance, supplies)						
31	OffSite Back-up (CalNet)	5216	3588.00	3588 *	4,000	P	monthly maintenance & billable hours
32	<u>PRINTING & SUPPLY</u>						
33	Office Printing	1605	1723.34	1849 *	1,900	P	Year end projection
34	Office Supplies	2276	1922.22	1491 *	1,500	P	Year end projection
35							
36	<u>CONTRACT SERVICES</u>						
37	Auditor	6735	6753.00	7496 *	7,721	P	2017 fee + 3% inc allowance
38	Attorney**	0	1390.50	2580 *	3,000	E	Year end Projection, equal assessments**

**SOUTHERN CALIFORNIA JOINT POLE COMMITTEE
2018 PROPOSED OPERATING BUDGET - Draft 2**

Line		2015	2016	2017*	2018	Member Assessment: Proportional / Equal	
	<u>EMPLOYEE EXPENSE</u>	ACTUAL	ACTUAL	(based on Sept YTD exp)	PROPOSED		
39							
40	<u>GENERAL EXPENSE</u>						
41	Moving Expenses	-		-	-		
42	Payroll Fees	1738	1723.33	1383 *	1,500	P	Year end projection
43	Bank Fees/Checks	146	154.44	137 *	200	P	Year end projection
44	Publications/Subscriptions/Refrence	332	210.00	147 *	200	P	Year end projection
45	Seminars & Tuition	823	1258.60	1044 *	1,500	P	Sending staff to seminars
	Members Retirement	197	1266.24	0 *	1,500	P	Based on 2016
46	& Celebrations						
47							
48	<u>COMPUTER SYSTEM</u>						
49							
	Software Purchase						
50	(& website modifications)	5000	3277.93	5375	5,500	P	Future Website modifications, Quickbooks Online Software \$400 Yearly
51	NJUNS Fee		16500.00	10500	10,500	E	Annual Fee equal assessments**
52	New** FRIEND 2016/2017		33750.00	33750	33,750	E	equal assessments**
53							
54	<u>EQUIPMENT & FURNITURE PURCHASES</u>						
55	Purchases and leases	4261	4263.76	4349 *	5,050	P	Year end projection + new workstation for new staff \$650
58	Hardware Purchase	549	11712.52	1824 *	3,500	P	Year end projection plus \$1500 new computer/monitor for new staff
59							
60	TOTAL BUDGET	688531	784053.76	836,458	954,375		
61		2.95%	1.93%	6.58%	6.59%		
62		Lower than approved budget	Lower than approved budget	Lower than approved budget	Higher than 2017 approved budget		
63	Approved budget	709,449	799,507	895,336			
64		2015	2016	2017*	2018		
65							
66							
67	* based on monthly average - per September YTD						
68	**Items in red will not be assessed proportionately among members, but equally among members.						

10/30/2017

1.2 Special Agreement

Special Agreement may be made for transactions in conflict with the Routine, provided approval by affected member(s) is obtained therefor. Joint Pole Authorization shall clearly specify adjustment for each transaction under “Special Agreement” and the Joint Pole Committee Office shall record same as approved by Members concerned. Automatic approval may not apply to a JPA under Special Agreement. Therefore, Section 18.1D does not apply.

11/14/2017 – Bring up tomorrow’s discussion (Admin Board).
Consent Calendar in 01/17/2018