From:	

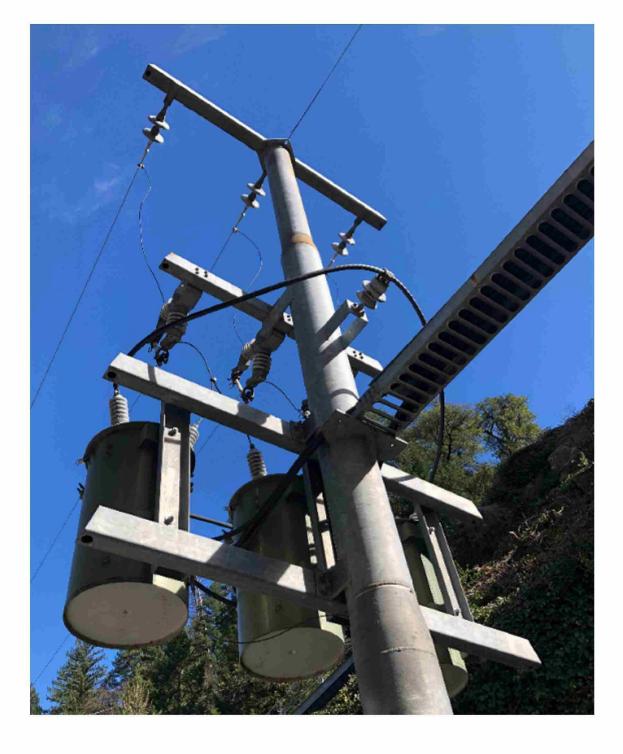
To: CC;

Sent: Subject: Attachments: 3/19/2021 11:09:24 AM RE: Bucks Creek 1103 08W Project FW: O8W-PM 35217268, 35224712, 35224713 - Bucks Creek 1101 Phase 1,2&3 -Pre-Engineering Meeting

The attached above may help... As you scroll down in that message you will see the pole in question with comments around other work...

PM 35217268 (Phase 1)

- 1. We learned the following:
 - a. Sub-Station (per Foreman **1999**) and the following locations have 'overlap' scope:
 - i. Location 1, pole is being replaced under Sub PM
 - ii. Location3, pole is being replaced under Sub PM
 - iii. It appears that PM 35212441 will be completed before our 08W project begins, so it is imperative that we work to have their scope match our needs...ASAP. I will take this action with the help of the scope match our needs...ASAP. I will take the sc
- 2. Location 2 has a bank of three transformers not indicated in any of our scoping documents....do we really need to replace this steel pole?



Thxs,

Manager - Electric Ops - Major Projects and Programs - Central Design and Estimating

Contract Estimating - Pacific Gas and Electric Company

Some of the measures included in this email are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.



From: ______ Sent: Friday, March 19, 2021 10:59 AM To: . Cc:

Subject: RE: Bucks Creek 1103 08W Project

Hi

Can you provide the JO# for this work at Bucks Creek?

I'm aware of one other concurrent job there, and a team may already be assigned. Just want to confirm.

Thanks,

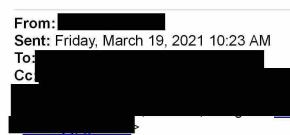
From:	
Sent: Friday, March 19, 2021 10:50 AM	
To:	
Cc:	

Subject: RE: Bucks Creek 1103 08W Project

Can you please assist in providing the pole design and capacity for the station service distribution steel pole at Bucks Creek PH? See attached documents.

Thank you,

Transmission Line Engineer 850 Stillwater Rd West Sacramento, CA



Subject: RE: Bucks Creek 1103 08W Project Importance: High

Good morning

Estimating only handles wood and light duty steel poles that are wood pole equivalent.

All steel poles with foundations and towers are handled by the engineering team that I have Cc...ed.

Engineering may be able to help you with the questions related to the special distribution steel pole that you are asking about.

Electric Transmission Estimating Supervisor Pacific Gas and Electric Electric Transmission Northern Region

From: Sent: Friday, March 19, 2021 9:54 AM

To:

Cc:

Subject: RE: Bucks Creek 1103 08W Project

Good Morning

Please find attached the most recent construction drawing and the field notes for Location 2. This is a steel distribution pole without transmission attachments.

Thank you for your time,

Senior Distribution Designer Energy Experts International Office: Working remotely – Mobile:

From:

Sent: Friday, March 19, 2021 9:51 AM

Cc:

To:

Subject: RE: Bucks Creek 1103 08W Project

Is this something Transmission Estimating can help with? If not, is there a Transmission Engineer we can reach out to?

- Please respond with the attachments mentioned below...

and I are working our way through the first distribution level phase of the 08W project at Bucks Creek PH. Everything is pretty straightforward, except for the new pole loading calcs on the steel pole that serves the substation service, location 2 on the attached construction drawing. In order to properly design and calculate the loading on the steel pole, we need either the original engineering on the steel pole and anchoring, or we need an engineer to analyze the steel pole for vertical load and bending moment strength, as well as the anchoring. Of particular concern is the deadend tension anchoring scheme used there, where the "span guy" is anchored to the substation wall. We're looking for ideas regarding this location, can you investigate the engineering used at this steel pole location? I'm happy to help in any way that I can. Please see the attached preliminary construction drawing, and field pictures of location 2.

Thxs,

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	Manager - Electric U	$p_{\rm DS} = Walor P$	rolects and Pl	rograms – Central	Design and Estimating
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Contract Estimating - Pacific Gas and Electric Company

Some of the measures included in this email are contemplated as additional precautionary measures intended to further reduce the risk of wildfires.

(888) 449-7787						
From: Sent: Friday, March 19, 2021 9:34 AM						
To: Cc:						
Subject: Fw: Bucks Creek 1103 08W Project						
Good morning						
Can you please assist us with this request or point us to who we should contact?						
Thank you,						
Phone:						
From: Sent: Tuesday, March 16, 2021 11:42 AM To: Cc: Subject: FW: Bucks Creek 1103 08W Project						

Hi

Following up on the below message. Do you have any insight on the engineering for the below pole, or can you point us in the direction of someone who does?

Thank you for your time,

Senior Distribution Designer Energy Experts International ------ Original Message ------Subject: Bucks Creek 1103 08W Project Date: Tue, 9 Mar 2021 08:24:53 -0800

Fron To: " Cc: '

Hi

and I are working our way through the first distribution level phase of the 08W project at Bucks Creek PH. Everything is pretty straightforward, except for the new pole loading calcs on the steel pole that serves the substation service, location 2 on the attached construction drawing. In order to properly design and calculate the loading on the steel pole, we need either the original engineering on the steel pole and anchoring, or we need an engineer to analyze the steel pole for vertical load and bending moment strength, as well as the anchoring. Of particular concern is the deadend tension anchoring scheme used there, where the "span guy" is anchored to the substation wall. We're looking for ideas regarding this location, can you investigate the engineering used at this steel pole location? I'm happy to help in any way that I can.

Please see the attached preliminary construction drawing, and field pictures of location 2.

Thank you,

Senior Electrical Distribution Engineer Energy Experts International