

From:

To:

CC:

Sent:

3/19/2021 11:09:24 AM

Subject:

RE: Bucks Creek 1103 08W Project

Attachments:

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 [REDACTED] is undergoing its own project under PM 35212441, of which is in UNSC status, 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 [REDACTED] and [REDACTED] to supply the details.

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?

From: [REDACTED]

Sent: Friday, March 19, 2021 10:59 AM

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: Bucks Creek 1103 08W Project

Hi [REDACTED]

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,

[REDACTED]

From: [REDACTED]

Sent: Friday, March 19, 2021 10:50 AM

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: Bucks Creek 1103 08W Project

[REDACTED]

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,

[REDACTED]

Transmission Line Engineer
850 Stillwater Rd
West Sacramento, CA

[REDACTED]

From: [REDACTED]

Sent: Friday, March 19, 2021 10:23 AM

To: [REDACTED]

Cc: [REDACTED]

Subject: RE: Bucks Creek 1103 08W Project

Importance: High

Good morning [REDACTED]

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.

[REDACTED]
[REDACTED]
Electric Transmission Estimating Supervisor
Pacific Gas and Electric
Electric Transmission Northern Region
[REDACTED]

From: [REDACTED]
Sent: Friday, March 19, 2021 9:54 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Bucks Creek 1103 08W Project

Good Morning [REDACTED]

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,
[REDACTED]
Senior Distribution Designer
Energy Experts International
Office: [REDACTED]
Working remotely – Mobile: [REDACTED]

From: [REDACTED]
Sent: Friday, March 19, 2021 9:51 AM
To: [REDACTED]
Cc: [REDACTED]
Subject: RE: Bucks Creek 1103 08W Project

[REDACTED]

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

[REDACTED] – Please respond with the attachments mentioned below...

[REDACTED] 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.

Office: [REDACTED]

Working remotely – Mobile: [REDACTED]

----- Original Message -----

Subject: Bucks Creek 1103 08W Project

Date: Tue, 9 Mar 2021 08:24:53 -0800

From: [REDACTED]

To: [REDACTED]

Cc: [REDACTED]

Hi [REDACTED]

[REDACTED] 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,

[REDACTED]
Senior Electrical Distribution Engineer
Energy Experts International
[REDACTED]