From:
To: [redacted]
CC:
Sent:
Subject: O8W-PM [redacted]
- Bucks Creek 1101 Phase 1,2&3 - Pre-Engineering Meeting

Morning,

Good meeting yesterday…I feel its best to get everything 'on the table' as soon as possible in the 'life cycle' of any project, and I think that is the outcome of yesterday's meeting.

I will set up a virtual 'follow up' meeting next week to discuss who is taking what action items below…..first I need confirmation that we can even change scope and what the process looks like.

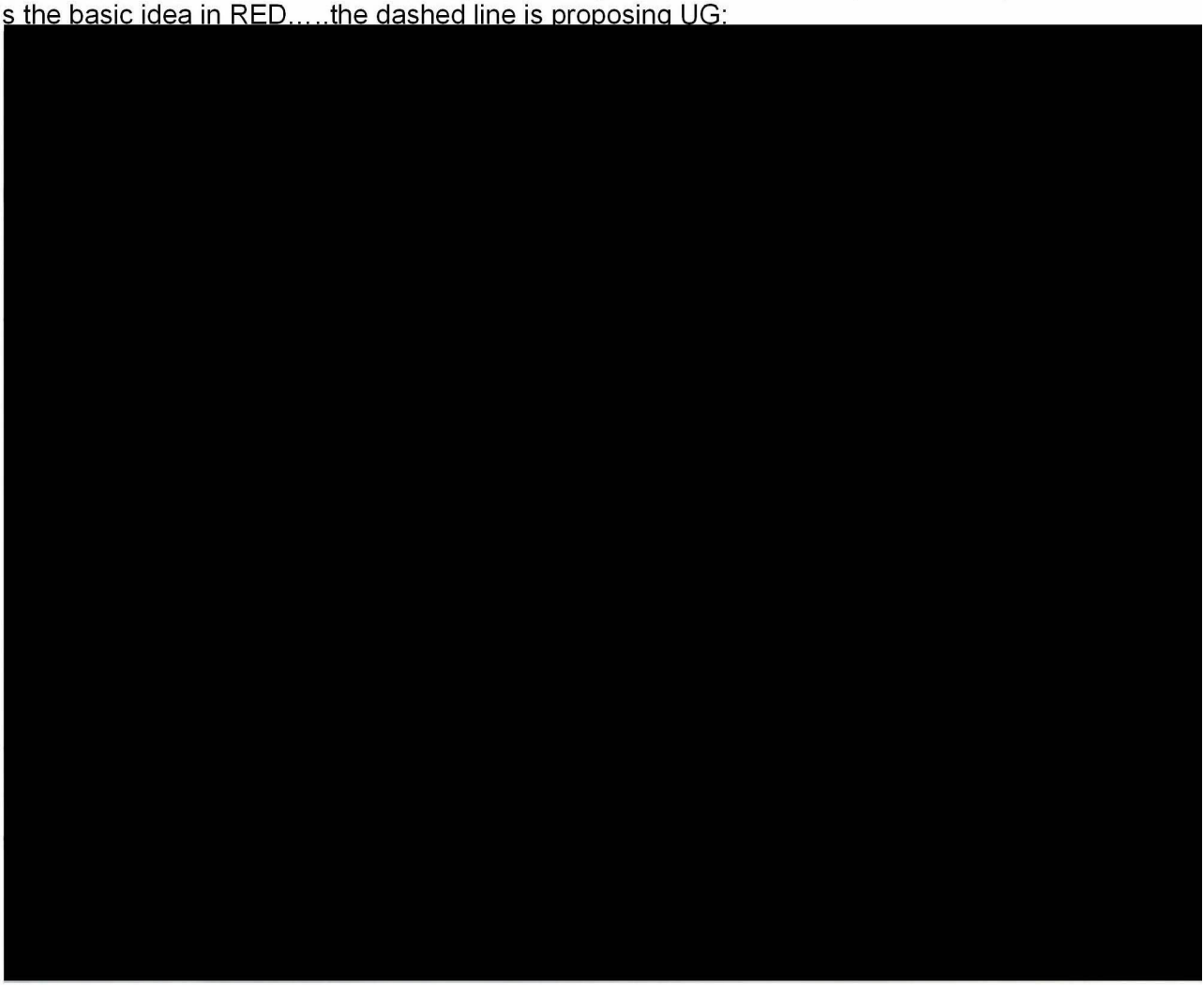
Here are my notes/action items:

PM [redacted] (Phase 1)

1. We learned the following:
    a. Sub-Station (per Foreman [redacted]) is undergoing its own project under PM [redacted] 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 [redacted] 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?

3. ‘Underground’ scope between locations 102 and 101 doesn’t make sense when the following are considered:
    a. How does this scope reduce risk?
    b. Is ‘undergrounding this small section ‘constructible’ when you consider the following:
        i. Stairway, creek crossing, and proximity to sub-station
    c. See picture

3. All parties had the same burning question regarding the 'river crossing';
    a. Why couldn't we move Location 4 to the east side of CA-70 and remove Locations 5, 6, 7, and 8 of the OH-Hardening scope? This would require in increase in OH-UG scope on PM [redacted] of about the same distance of OH-Hardening scope begin removed from PM [redacted]
    b. Here is the basic idea in RED……the dashed line is proposing UG:



PM [redacted] (Phase 2)

1. Preliminary Drawing was not provided
2. Trench Location:
    a. We determined that landing the trench ~2' into the lane from the ETW (fog-line) was probably the best consistent location of which it would be ideal if the 7-boxes could be landed in the 'travel lane'. This will need to be discussed with [redacted]
    b. Any proposed poles to be placed 52' from ETW if possible, if not they will need 'gaurdrail' protection to assist with DSDD exceptions.
3. Rock Creek Bridge Crossing

a. Scope is not clear for this cross since it leads us to a 'what-if' scenario of, if [redacted] doesn't allow the conduits to be attached to the existing bridge we should span the river OH. This will need to be discussed with [redacted] to first determine 'if' we can attach the their bridge before scope is locked??

PM [redacted] (Phase 3)

1. [redacted] located in picture below also has a weather station on pole and scope for replacing this Tx is another 'what if' scenario of:
    a. Does the [redacted] need the service?
    b. If they do can we serve via a crossing at the Cresta Dam.
    c. If Cresta Dam doesn't work should we cross the river a different location?
    d. What do we do about the weather station?

e. Here is pic:

2. Termination of UG scope at Cresta Dam is not clear for the following reasons:
    a. Not constructible to ‘trench’ to….see pic:

i. We were not able to see the panel at the Cresta Dam to determin loading needs.

ii. It also apears that this transformer feeds a [redacted] Pedistal for lights in the tunnels.

b. The question is:

i. First, do we need the river crossing a the outflow of the dam if we are going to cross the river a different location to feed the [redacted] Tx?

1. If we don't need the river crossing could we install a pad-mount Tx and trench in a service through the tunnel ~100LF to the [redacted] pedistal and then feed the

Cresta Dam panel?

[redacted]

Pacific Gas and Electric Company