

From: Allen, Meredith  
Sent: 1/15/2013 1:50:58 PM  
To: 'Fugere, Raymond G.' (raymond.fugere@cpuc.ca.gov)  
Cc:  
Bcc:  
Subject: RE: NERC Alert Advice Letters

Mr. Fugere,

Below is the information for the green highlighted row. I'm very sorry for the delay in responding. Our lead on these projects was out of the office.

Energy Division informed us today that they still have concerns regarding whether the lines are in compliance with the requirements at the time of construction. Would it be ok with you if we asked Charles Mee in Energy Division to give you a call to discuss? I think that would be the best way to resolve.

Thank you for your help with this.

Regards,

Meredith Allen

415-828-5765 (cell)

On the green highlighted row, the worst case scenario after mitigation is at the maximum operating temperature (194°F) where the line will have a clearance of 35.2 ft (8.2 in excess of GO95 requirement). This span will have a clearance of 39.3 feet at 60°F (9.3 in excess of GO95 requirement).

**From:** Fugere, Raymond G. [mailto:raymond.fugere@cpuc.ca.gov]  
**Sent:** Saturday, December 29, 2012 2:04 PM  
**To:** Allen, Meredith  
**Subject:** RE: NERC Alert Advice Letters

Ms. Allen:

I reviewed the documents you sent me versus the requirements in affect at the time of Construction and presently. It appears that all do not comply with the clearances in affect at the time of construction. However, one of the clearances PG&E referenced 60°F instead of the worst case scenario. What is the clearance at the worst case scenario (Row highlighted in Green, in attached document)?

Also, the cases highlighted in yellow are not in conformance with the standards (with out knowing the cases, I used all possible outcomes).

Once you get me the worst case information on the green row, I will talk to the Energy Division staff. Also, I do not plan to bring up that PG&E brought this to my section's attention, so as not to put you and your company in an awkward position.

Sincerely,

Raymond G Fugere

**From:** Allen, Meredith [ME Ae@pge.com]  
**Sent:** Thursday, December 27, 2012 12:58 PM  
**To:** Fugere, Raymond G.  
**Subject:** RE: NERC Alert Advice Letters

Mr. Fugere,

Attached are the tables. The reason that the new clearances will be higher than the minimum clearances is that there are standard tower extension heights for each type of structure.

Please let me know if you need additional information.

Thanks,

Meredith Allen

415-828-5765 (cell)

**From:** Allen, Meredith  
**Sent:** Thursday, December 27, 2012 12:21 PM  
**To:** 'Fugere, Raymond G.'  
**Subject:** RE: NERC Alert Advice Letters

Mr. Fugere,

The tower installation years for the lines are:

Contra Costa-Moraga #1 & 2 230kV – 1950

Monta Vista – Hicks 230kV – 1957

Saratoga – Vasona 230kV – 1957

I will send the tables in a separate email.

Thanks,

Meredith Allen

415-828-5765 (cell)

**From:** Allen, Meredith

**Sent:** Friday, December 21, 2012 12:16 PM  
**To:** Fugere, Raymond G.  
**Subject:** RE: NERC Alert Advice Letters

Mr. Fugere,

Charles Mee is assigned to the advice letters. In addition to Charles, we have also been discussing with Molly Sterkel.

I've checked in with the team and they are pulling together the information on segment heights and the installation dates. I will send to you as soon as I have it.

Thank you so much for looking into this issue.

Meredith Allen

415-973-2868 (office)

415-828-5765 (cell)

**From:** Fugere, Raymond G. [<mailto:raymond.fugere@cpuc.ca.gov>]  
**Sent:** Friday, December 21, 2012 11:08 AM  
**To:** Allen, Meredith  
**Subject:** RE: NERC Alert Advice Letters

Ms. Allen:

Thank you for a copy of the advice letters. I have a couple of questions:

- Who in the Energy Division is PG&E in contact with?
- Does PG&E have a table or other document that shows the current height of the Transmission line segments, the current requirements (with code section) and what it plans to raise the segments to?

- If PG&E does have a table (or similar document) would it be possible to send that to me?
- When were these towers originally installed?

I just want to make sure that I understand the issue fully before talking to the Energy Division.

Thank you for your time and attention.

Raymond G. Fugere, P.E.

Program & Project Supervisor

320 W. 4<sup>th</sup> Street, Suite 500

Los Angeles, CA 90013

Office (213) 576-7015

**From:** Allen, Meredith [<mailto:MEAe@pge.com>]

**Sent:** Monday, December 17, 2012 6:28 PM

**To:** Fugere, Raymond G.

**Subject:** NERC Alert Advice Letters

Mr. Fugere,

PG&E filed advice letters in June 2012 providing notice of construction on the Contra Costa-Moraga 230 kilovolt (kV) Transmission Line (AL 4058-E) and the Saratoga-Vasona 230 kV Transmission Line in the Town of Los Gatos and the Monta Vista-Hicks 230 kV Transmission Line in the Cities of Saratoga and Cupertino (AL 4066-E).

PG&E has identified discrepancies along these lines. On Contra Costa-Moraga, PG&E plans

to raise the height of 14 lattice steel towers and do one dead end conversion to address the discrepancies. On Saratoga-Vasona and Monta Vista-Hicks, PG&E plans to raise four lattice steel towers to address these discrepancies.

We are currently working with Energy Division on questions they have concerning the need for completing the work. We submitted supplements on Friday to provide further explanation, which are attached. As we discussed, this work will be conducted as a result of our transmission line assessment in response to the NERC Alert after Executive Director Resolutions are issued on the Advice Letters.

Please let me know if you would like additional information.

Thank you,

Meredith Allen

415-973-2868 (office)

415-828-5765 (cell)

PG&E is committed to protecting our customers' privacy.  
To learn more, please visit <http://www.pge.com/about/company/privacy/customer/>

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