

From: Allen, Meredith

Sent: 4/25/2013 3:40:36 PM

To: Fugere, Raymond G. (raymond.fugere@cpuc.ca.gov) [Redacted]
[Redacted]

Cc:

Bcc:

Subject: RE: Safety Presentation - Commission Meeting

Ray,

Thank you for the opportunity to review. Below are comments and responses to your questions from our veg management team.

Please let me know if you have questions or would like to discuss.

Meredith

Slide 3: State: Rules and Regulations – It would be helpful to mention on this slide that the utilities must also comply with clearance requirements in ISO agreements given these requirements can even be more stringent.

Slide 4: Federal: Rules and Regulations – Consider including zero tolerance on the slide rather than the talking points but either way works. Also, second bullet should be blackout. It would also be helpful to reference that “California experienced two large Western Grid outages in 1996 due to trees” The other item to mention would be that proper transmission line work is also discussed in ANSI A300, part 7 and referenced in FAC 003-1. Attached is a picture that shows both the border zone and the wire zone that could be used instead.

Slide 5: Utilities: The 5 million trees is accurate. PG&E trims 1.3 million trees annually and approximately 250k removals. We also recommend the picture attached since it shows how the utilities determine the pruning height or possible removal to maintain appropriate clearances.

Slide 6: Add to title: Why do we trim or remove trees. In response to your question, roughly we have approximately 3000-4000 vegetation caused outages per year. Last year, we had 3603. Here is link to a video. A portion of it could be used.
<http://www.youtube.com/watch?v=HvRWTGqQAoA>

Slide 7: under cut too much, add bullet utilities must consider multiple factors including tree and line movement year-round. Under trees look ugly, add a bullet, utilities support planting of the right tree in the right place.

Slide 8: second sub-bullet add (disagrees with allowance for tree growth). As a talking point, consider stating that after pruning, walnut trees can grow in excess of 15 feet in one year. Consider adding a bullet on privacy as a reason. As a talking point, may want to discuss Penal

Code 385, which states that individuals must remain 6' from HV lines given that customers ask to prune their own trees.

Slide 9: May want to also mention the work done in the Fire Safety OIR.

From: Fugere, Raymond G. [mailto:raymond.fugere@cpuc.ca.gov]

Sent: Friday, April 19, 2013 1:42 PM

To: Allen, Meredith; [Redacted]

Subject: Safety Presentation - Commission Meeting

Meredith and Pete:

Attached is a draft presentation I will be giving to the Commissioners at an upcoming meeting. On slide 5, in the notes I mention how many trees you inspect and trim. Are those numbers accurate?

On slide 6, I plan to mention the drop in outages associated with Rule 35 changes from 1997-1998. How many vegetation caused outages does PG&E have a year roughly? I have the number for pre Rule 35 clearances so I was going to highlight the improvement that utilities have had. Also, on slide there will be a video of a tree contacting power lines and catching fire (not from California).

Any comments you have would be greatly appreciated.

Ray

Raymond G. Fugere, P.E.

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