From: Allen, Meredith

Sent: 4/26/2013 9:34:55 AM

To: Cho, Raymond (Raymond.Cho@cpuc.ca.gov)

Cc:

Bcc:

Subject: Re: Metcalf Sub Questions

Hi Raymond,

Thanks so much for sending. We will start working on the responses right away.

Meredith

On Apr 26, 2013, at 9:12 AM, "Cho, Raymond" < Raymond. Cho@cpuc.ca.gov> wrote:

Hi Meredith,

Thanks for calling me back, Meredith. Please see questions below:

- 1. Does PG&E have any plans to make improvements to their operations to minimize the damage due to such incidents? For example, damage to equipment/surrounding environment and customer service.
- 2. Are there any plans to improve security at substations permanently to prevent this from happening again? Are there any plans to improve the alarm response when the parameter is breached?
- 3. From a system reliability standpoint, should PG&E have additional spare transformers on hand at each substation?

If you have anything to add as far as lessons learned or planning for the future please feel free to also submit that to me. I'm sure PG&E already has a procedure/protocol in response to this type of incident, so could you please send

me a copy of that document? I'll be working on an outline to brief the directors so please provide what you can ASAP or by Wednesday (5/1) so that I can include that in our meeting.

Best Regards,

## Raymond Cho

**Utilities Engineer** 

California Public Utilities Commission

Electric Safety and Reliability

415.703.2236

raymond.cho@cpuc.ca.gov