From:Malashenko, Elizaveta I.Sent:7/17/2014 10:17:12 AMTo:Allen, Meredith (/O=PG&E/OU=Corporate/cn=Recipients/cn=MEAe)Cc:Bcc:Bcc:Subject:RE: MessageMeredith.

I do have a copy of the questions sent to the utilities & also have questions for the CPUC (due on the same date).

There is a bunch of data that's being requested - definitely good for us to coordinate on that, so our collective math adds up. This one in particular:

"Please provide the numbers of injuries and fatalities associated with electric infrastructure for as many years as there is readily accessible data."

I would also like to know how that breaks down in relation to what was reported to the CPUC. My expectation that all fatalities were reported, but injuries is a different matter...

I'm expecting that we'll need follow-up meetings after Monday... anything you can do to get started on the data gathering will be good also. I will try to send a more formal data request tomorrow.

Thanks,

Liza

From: Allen, Meredith [MEAe@pge.com] Sent: Wednesday, July 16, 2014 10:10 PM To: Malashenko, Elizaveta I. Cc: Malashenko, Elizaveta I. Subject: Re: Message

Liza,

Sounds good.

Did you receive the questions that were sent to the utilities? They are below. We need to provide responses by 7/25. It would be helpful to coordinate on some of the questions, such as No. 4. Did the CPUC receive questions?

On the data security, I'm confirming that Kent Kauss, our govrel rep, will be in the meeting with you and Lynn. That meeting should be good forum to decide on common approach and then if there isn't enough time to finalize approach we could schedule a separate call.

And on the emergency issues, I included you on emergency invite but will largely be same information that we briefed you on previously. So that was primarily to let you know its happening. Also, I'm waiting to hear back on consolidated list of emergency exercises. I'm hoping to have it by tomorrow and will send to you.

Thanks, Meredith

Information request for August 6<x-apple-data-detectors://4> electric safety hearing: Questions for investor-owned utilities

The main questions that this hearing will ask are 1) what do we know about the public and employee safety of our utilities' electric transmission and distribution systems, 2) what are the CPUC and utilities doing to face safety challenges, and 2) how are the CPUC and utilities communicating this information to the public. These questions apply to safety in electric transmission and distribution. Safety related to electric power generation will not be within the scope of the hearing's discussion.

1. CPUC data demonstrates differences in injury and fatality rates between the IOUs. Have you examined the reasons for these differences? What have you concluded?

2. How do you benchmark electric safety performance?

3. Does your board of directors have criteria by which it evaluates management's electric safety performance? Does electric safety performance have a place in your organization's management evaluations?

4. The PUC has outlined criteria for a reportable incident (See Resolution E-

4184<<u>https://urldefense.proofpoint.com/v1/url?u=http://docs.cpuc.ca.gov/PublishedDocs/WORD_PDF/FINAL_RE</u> Those incidents must be reported within a short timeframe. Does the PUC require reporting of any other electric incidents, safety-related conditions, or safety performance measures?

5. Do you report incidents or other safety-related information to entities other than the CPUC?
6. During discussions in R.13-11-006—the rulemaking to incorporate safety into the rate case plan—each utility stated that it is in the formative stages of an effective risk-informed decision-making process. How do you collect and organize electric safety-related data to be used in that decision-making process?

7. Do squirrels hate transformers, or do transformers hate squirrels? Be specific.

8. A utility can manage the overloading of utility poles only if it has identified those poles that are overloaded. How does your utility manage 3rd party equipment on utility poles? How do you verify whether or not a pole can accept further 3rd part equipment? Does your utility have a process for identifying poles that may be overloaded? How much of your system can your organization confirm is/is not overloaded?

9. Utilities have invested in (and customers are paying for) advanced metering infrastructure (AMI). Does your implementation of AMI have safety benefits over analog metering?

10. Liberty Consulting, in its assessment of PG&E's 2014 GRC<<u>https://www.pge.com/regulation/GRC2014-Ph-I/Ruling_CPUC_20130517_276140Atch02_276142.pdf</u>>, found that "PG&E's wires-down investigations show that, on average, multiple times daily, and thirty six percent of lines presently remain energized until the Troubleman arrives." SCE, in its proposed settlement with SED<<u>https://urldefense.proofpoint.com/v1/url?u=http://www.cpuc.ca.gov/PUC/safety/Electric/CPUC_Safety_Staff</u> over the 2011 electrocution deaths of three in San Bernardino (R.14-03-004), agrees to "(d) Research methods to better isolate lines when faults occur to prevent broken lines from remaining energized," and "(e) Develop an overall strategy and implement programs to mitigate the impact of faults on overhead conductors, such as branch line fusing, conductor sizing, and/or adjusting circuit breaker relay settings." Downed conductors that remain energized can enhance the risk of wildfires. What do you do to minimize the risks associated with downed wires?

11. Do you mitigate public and employee safety risk differently for different line voltages and configurations?

On Jul 16, 2014, at 8:56 PM, "Malashenko, Elizaveta I." <elizaveta.malashenko@cpuc.ca.gov<mailto:elizaveta.malashenko@cpuc.ca.gov>> wrote:

Meredith,

No big deal, I now think the meeting on Monday will cover it. If I get a chance, I'll try to catch you tomorrow.

Thanks!

Liza

On Jul 16, 2014, at 8:54 PM, "Allen, Meredith" </ Acceleration of the Acceleration of

Liza,

Sorry I missed your call this afternoon. I was flying back from Dallas. Is there a time that works for you to chat tomorrow am?

Thanks, Meredith

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