

From: [Redacted]  
Sent: 6/6/2014 4:15:29 PM  
To: Chatterjee, Bishu (bishu.chatterjee@cpuc.ca.gov); [Redacted]  
[Redacted]  
Cc: Colvin, Michael (michael.colvin@cpuc.ca.gov); [Redacted]  
[Redacted]  
Bcc:  
Subject: RE: June 20 R&D Presentation @ CPUC on Gas Pipeline Safety - meeting notes (June 6)

Hi Bishu,

I sent you Johann Karkheck's (California Energy Commission PIER) contact information in my previous email. I just wanted here to add on your email:

- The second collaborative R&D organization I mentioned was PRCI.
- I think that Cherif mentioned In Line Inspection and Picarro as examples of Gas safety technologies not especially what SoCal only planned to present. PG&E is of course on the fore front about the use of Picarro technology and Ron mentioned that GTI plan to present an in line inspection technology project: the EMAT sensor being developed with PHMSA's support (PG&E and SoCal co-funded the project); on this subject, I plan also to present a short video showing the demonstration of the Explorer 30-36 robot in our pipeline performed few months ago with NYSEARCH.

I will send you the brief paragraph about my presentation early next week and plan to share my slides with the group to assure that we complement each other and adjust our presentations accordingly.

I will be traveling next week but feel free to contact me on my cell phone for any additional information or discussion.

Best regards,

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[Redacted]  
R&D and Innovation Manager - Gas Operations  
PG&E

Redacted

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**From:** Chatterjee, Bishu [mailto:bishu.chatterjee@cpuc.ca.gov]  
**Sent:** Friday, June 06, 2014 1:44 PM  
**To:** Redacted  
**Cc:** Redacted Colvin, Michael  
**Subject:** June 20 R&D Presentation @ CPUC on Gas Pipeline Safety - meeting notes (June 6)

Thank you everyone for your participation. Here are the notes from today's meeting. Please fill in anything else that I have missed.

Also I have asked (end of the email) each one of you to provide a paragraph or two that will help us prepare an announcement for the meeting and send out to public.

We will assume Pipeline Safety (unless I find out otherwise and let you know by next week) and R&D will be the focus of the presentation.

The purpose of the presentation is to discuss the Gas Technology Institute and California gas utility projects in Research and Development for pipeline safety.

The presentation will be on Pipeline Safety improvement, reliability, and safety R&D (Operation Technology Development) and not in the end use R&D (Utilization Technology Development) program.

The focus will be on future where utilities are better off to spend \$\$ not just on Operations and Maintenance but also on Research and Development.

The June 20 meeting (from 10 am to 12 noon) at the CPUC auditorium is open to public and we hope staff from CPUC, ORA, TURN, Energy Commission and broad members of the public will attend.

This presentation will not make reference to any CPUC active proceedings.

Presentation format:

GTI: 35 minutes

PG&E: 20 m

SoCal GAs: 20 m

Energy Commission: ? 10 or 15 m (tbd)

CPUC will reach out to Energy Commission staff to find out the possibility of EC staff participation.

Socal Gas: Inline inspection, Picarro technology

GTI topics: Alternatives to hydro testing, technology to find stress corrosion and cracking, electro magnetic acoustic transducer, activities developing pipeline database and inspection selection tool, leak rupture boundary calculations, advanced tool for corrosion induced by the AC transmission and distribution lines (electric).

PG&E suggests that GTI should talk on specific projects that are supported by Socal gas and PG&E.

PG&E topics: Overall PG&E approach for R&D, activities beyond GTI with other organizations NYsearch and PFI (?)

CPUC will provide:

Projector

Laptop for Power Point - memory stick USB

Microphones in the auditorium

ps. Hard copies of presentations and agenda needed to be decided later. Also should we be videotaping or not, I need permission from you. I will socialize video conference in the Commission.

Please send me the following (by Monday or before).

- [Redacted] will have a contact info for Bishu Johan K?.
- Ron a brief paragraph on presentation
- [Redacted] a brief paragraph
- Doug a brief paragraph

If you have any questions please contact me. Again thank you for your input.

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