From: franz.cheng@cpuc.ca.gov Sent: 10/4/2010 12:52:09 PM

To: Kuga, Roy M (/O=PG&E/OU=Corporate/cn=Recipients/cn=RMK4); Clare, David

(/O=PG&E/OU=Corporate/cn=Recipients/cn=DWC3); Stock, William

(/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=WCS3); Koszalka, Pete

(/O=PG&E/OU=Corporate/cn=Recipients/cn=PEK1); J.P. Harrigan (jharrigan@socalgas.com); J.P. Harrigan@socalgas.com); Peacock, Tanya

(TPeacock@semprautilities.com)

Cc:

Bcc:

Subject: FW: Natural Gas Well Fracking Discussion w/ Dr. Jennifer Miskimins

When: Thursday, October 07, 2010 12:00 PM-1:30 PM (GMT-07:00) Mountain Time (US & Canada).

Where: Courtyard Room

~~*~*~*~*

Please forward this to other that have an interest.

-----Original Appointment-----

From: Cheng, Franz

Sent: Monday, October 04, 2010 11:29 AM

To: Cheng, Franz; Room 4010; 'mflorio@turn.org'; 'Rtavares@energy.state.ca.us'; Price, Thomas L

(Tom); 'jmiskimi@mines.edu'; Banks, Juliane

Cc: Simon, Timothy A.; Myers, Richard A.; Bromson, Jonathan; Shea, Karen M.; Gatti, Belinda; Phillips, Paul S.; Cadenasso, Eugene; Alfton, Joyce; Greig, Jacqueline; Sabino, Pearlie Z.; Pocta, Robert M.; 'Marcel Hawiger'; Tomlinson, William Wayne (Wayne); Lindh, Frank; Morris, Harvey Y.; Ramchandani,

Ramesh

Subject: Updated: Natural Gas Well Fracking Discussion w/ Dr. Jennifer Miskimins

When: Thursday, October 07, 2010 12:00 PM-1:30 PM (GMT-07:00) Mountain Time (US & Canada).

Where: Courtyard Room

NOTE

Due to a late surge of interest in this Fracking Discussion, the meeting has been moved from Room 4010 to the Courtyard Room to better accommodate guests.

NOTE

You are invited to an hourlong discussion regarding natural gas well fracking, presented by Dr. Jennifer Miskimins in coordination with El Paso Natural Gas. (I have reserved the room for an extra half-hour merely as a precaution.) She is an Associate Professor in the Petroleum Engineering Department at the Colorado School of Mines. She is the founder and Director of the Fracturing, Acidizing, Stimulation Technology (FAST) Consortium at CSM.

As described by Wikipedia, hydraulic fracturing ("fracking" or "fracing") is "a process that results in the creation of fractures in rocks, the goal of which is to increase the output of a well. The most important industrial use is in stimulating oil and gas wells, where hydraulic fracturing has been used for over 60 years in more than one million wells. On the other hand, high-volume horizontal slickwater fracturing is a recent phenomenon. The fracturing is done from a wellbore drilled into reservoir rock formations to enhance oil and natural gas recovery."

Fracking has received heightened media and environmental scrutiny lately, making Dr. Miskimins's

presentation especially timely.

Meeting specifications: Oct. 7th, 11 a.m. to 12:30p.m. Pacific time in the Courtyard Room on the ground floor of the CPUC, 505 Van Ness Ave, San Francisco, CA 94102.

If you have any comments, questions, or requests for discussion material should you be unable to attend, please direct them to Franz Cheng, CPUC Regulatory Analyst, at fcc@cpuc.ca.gov.

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