

From: Zafar, Marzia
Sent: 6/10/2012 7:49:06 PM
To: Cherry, Brian K (/O=PG&E/OU=CORPORATE/CN=RECIPIENTS/CN=BKC7);
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Cc:

Bcc:

Subject: FW: Internet of Things

Hello,

I know this is not directly related to your respective companies, but in case you are interested in the topic, please feel free to attend and for now mark your calendar.

marzia

From: Zafar, Marzia
Sent: Friday, June 08, 2012 4:42 PM
To: Peevey, Michael R.; Simon, Timothy A.; Ferron, Mark J.; Florio, Michel Peter; Sandoval, Catherine J.K.; Directors; Advisors
Cc: Canon, Paul; Mulqueen, April; Wullenjohn, Robert J.; Mickiewicz, Helen M.
Subject: Internet of Things

Hello,

Policy & Planning Division is continuing the Thought Leaders program with our next session on Thursday, August 2nd from 1:30pm to 3:30pm at the PUC Auditorium.

We will be holding a Thought Leaders Session moderated by Rachelle Chong on the issue of Internet of Things (IoT). In addition to having former Commissioner Rachelle Chong as the moderator we also have Jeff Campbell from Cisco and Richard Adler from the Institute for the Future/People & Technology. Needless to say, this is an all-star line-up starting with Rachelle Chong.

I had not heard of this topic – Internet of Things – until April Mulqueen told me about it this week. Essentially, IoT is the internet of devices that are transmitting data automatically with no need for a human intermediary. There are already more devices

connected to the internet than there are people connected to it. The idea is to have Rachelle Chong moderate a panel of two to address three aspects of IoT:

- 1) The consumer aspects of IoT; what will it do for us, how can we benefit, how is it already being used and what are some of the "futurist" applications.
- 2) With all of this data being transmitted, what will be the impact on our communications infrastructure? Is there anything that the CPUC or California municipalities need to be aware of?
- 3) Data requires data servers, and data servers consume lots of energy. What will IoT's demands be on the energy infrastructure in California; or, looked at another way, will California's high energy prices necessitate that IoT servers be located out of state?

The Thought Leaders Sessions are an ongoing guest speaker series designed to stimulate thought and discussion of some of the most pressing challenges facing California utility regulators and the private sector industries impacted by state policies. We would like to see all of you in attendance, if possible, so please mark your calendars in advance. This will be an intellectually stimulating conversation that is also very fascinating so no one will get bored. (April is the brain behind all of this, and I'm so happy that she is here).

When – August 2, 2012 (1:30pm – 3:30pm)

Where – PUC auditorium

Regards,

Marzia

Interim Director, Policy & Planning Division

Marzia Zafar – California Public Utilities Commission – Zaf@cpuc.ca.gov – 415-703-1997

