

From: [Redacted]  
Sent: 8/21/2013 1:57:33 PM  
To: Erickson, John "David" (john.erickson@cpuc.ca.gov)  
Cc: Dietz, Sidney (/O=PG&E/OU=Corporate/cn=Recipients/cn=SBD4); [Redacted]  
[Redacted]  
[Redacted]  
Bcc:  
Subject: RE: HAN follow up

[Moving Aloke, Chris, Arthur to bcc]

Sounds good. Can you let me know some times you're available and I'll coordinate a call with folks on our end?

Thanks,

[Redacted]

[Redacted]

Senior Product Manager

Home and Business Area Networks

Customer Energy Solutions

Pacific Gas and Electric Company

[Redacted]

Redacted

**From:** Erickson, John "David" [mailto:john.erickson@cpuc.ca.gov]  
**Sent:** Wednesday, August 21, 2013 7:43 AM  
**To:** Redacted /illarreal, Christopher; Gupta, Alope; O'Donnell, Arthur J.  
**Cc:** Dietz, Sidney; Redacted  
**Subject:** RE: HAN follow up

Hi Redacted

Thanks for this update. I would also like to pass along some info that I picked up in exchanges with Silver Spring Networks regarding their testing procedures that might be relevant to solving the HAN/NEM problem with the GE meters. It might be of interest to your team as it is related to how the instantaneous demand is reported. I don't want to go into any detail in this email, but I would be happy to share it if you put me in touch directly with the correct person.

Best,

Dave

J. David Erickson

Public Utilities Regulatory Analyst

Grid Planning and Reliability

Energy Division

California Public Utilities Commission

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**From:** Redacted

**Sent:** Tuesday, August 20, 2013 3:56 PM

**To:** Villarreal, Christopher; Gupta, Alok; Erickson, John "David"; O'Donnell, Arthur, J

**Cc:** Dietz, Sidney; [Redacted]

**Subject:** HAN follow up

Hello Alok, Arthur, Chris, and David,

It was great meeting you and the ED team on Thursday, and we appreciate the open engagement and conversation around HAN. We'll plan to provide an update on progress in October, including next steps with GE, Silver Springs and device manufacturer/customer communications. Meanwhile, I wanted to mention another topic not specifically related to NEMS, but a meter issue similar in nature and impacting HAN.

During testing in June we identified a bug with GE KV2C meters, which are not reporting usage to HAN devices, but show 'busy' when a HAN device is provisioned. Because this issue is consistent across this meter type, we made it ineligible for HAN. We have reproduced the issue in our lab and are working to identify the scope of the problem so we can accurately enter an SSN ticket. This meter is typically used by commercial, industrial and agriculture customers, which are not target customers for HAN; small business customers with a residential GE i210 or Focus meter are still eligible to participate. We will continue to actively work with SSN and GE to develop a plan to resolve this issue.

We look forward to more HAN conversation on Friday, and to providing an update on Phase 3, which adds demand response and pricing signals to the currently offered usage functionality. Meanwhile, please don't hesitate to send any questions my way.

Thanks!

[Redacted] + the HAN team

[Redacted]

Senior Product Manager

Home and Business Area Networks

Customer Energy Solutions

~~Pacific Gas and Electric Company~~

Redacted

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