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Sent: 9/8/2011 4:55:31 PM
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Cc: Randolph, Edward F. (edward.randolph@cpuc.ca.gov); Lewis, Kenneth E. (kenneth.lewis@cpuc.ca.gov)
Bcc:
Subject: RE: Home Area Network distribution list

To provide a bit more detail around what Wendy said....

This SEP 1.X sub-group operating under NESCOR and led by Annabelle Lee had sought volunteers from the existing NESCOR membership to work on a white paper to address security risks and mitigation measures that implementers should consider when deciding whether to use SEP 1.X. The CPUC privacy decision included a section on guidelines for HAN implementation in California, and that description was to serve as a section of the report on how California would be addressing the risks of moving forward with HAN roll-out, presumably using SEP 1.X. This NESCOR document has a fast turn-around time, consistent with the NESCOR scope.

I, along with Chuck McParland from LBNL, volunteered to assist in the drafting of the California section- which, as you can see, was originally intended to follow the REDS project outline. The other person volunteering to discuss this issue from a California perspective was Don Sturek (who either still is or was a PG&E consultant on HAN). Additionally, this California sub-set was also to address how Texas was implementing their HAN market, which would allow readers of the final document to see two markets that either had implemented or were implementing a HAN architecture and how they addressed

the SEP 1.X risks to provide some guidance around understanding risks.

Since the meeting we had on HAN recently significantly altered my understanding of how the utilities were planning to address SEP 1.X risks in a roll-out setting, it seems very appropriate for the IOUs to provide an overview of the architecture of implementing SEP 1.X, as well as the mitigation strategies around the risks associated with SEP 1.X, consistent with the goal of the NESCOR project. If the utilities could provide a diagram or two, similar to the Texas diagrams, I think that would be a great start in supporting this NESCOR project.

Thanks everyone for your help!

Chris

From: Al-Mukdad, Wendy

Sent: Thursday, September 08, 2011 3:33 PM

To: Villarreal, Christopher; 'lawrence.oliva@sce.com'; 'michael.hoover@sce.com'; 'mark.podorsky@sce.com'; 'jeff.gooding@sce.com'; 'paul.kubasek@sce.com'; 'david.leblond@sce.com'; 'eric.yamashita@sce.com'; 'janos.kakuk@sce.com'; 'bradley.cherry@sce.com'; 'saz1@pge.com'; 'bfr6@pge.com'; 'hxp@pge.com'; 'shoefer@csc.com'; [Redacted] 'cjlw5@pge.com'; 'sbd4@pge.com'; [Redacted] 'Rasool, Hannon J'; 'TReguly@semprautilities.com'; 'SBaule@Semprautilities.com'; 'BBlockowicz@Semprautilities.com'; 'MBowne@semprautilities.com'; Zafar, Marzia; Gupta, Alope; Langton, Adam; 'Charles McParland'; 'MAPiette@lbl.gov'

Cc: Randolph, Edward F.; Lewis, Kenneth E.

Subject: RE: Home Area Network distribution list

Importance: High

All:

I participated in today's Smart Energy Profile (SEP) 1.X subgroup meeting under the joint U.S. Dept of Energy funded EPRI National Electric Sector Cybersecurity Organization Resource (NESCOR) project & NIST Cyber Security Working Group. Attached is a very rough initial draft of a working document prepared by Annabelle Lee, the NESCOR Group 2 Chair, and it includes a Reference Architecture section with a lot of information on Texas and an inaccurate statement on California "A description and drawings of the architecture proposed in the Residential Energy Display Survey (REDS) project in California."

Our subgroup is tasked to complete a complete first draft of this document by the first week of October with a final document done by the last week of October. Since this work is very important to CA, I suggested that I meet with PG&E, SCE and SDG&E and LBNL to prepare suggested text for this section. I mentioned that based on the CPUC/IOU/LBNL staff meeting on August 25th, that basically the CA IOUs are not planning to use the REDS model and are planning on a very limited (around 500 devices each) roll-out using SEP 1.0 or 1.1. Chuck McParland kindly volunteered to work with me on this with you all and I'm sure Chris Villarreal will be very interested, too. I asked who else in our NESCOR/CSWG subgroup would be interested and people spoke up and said they all are interested in this endeavor. Hence, I suggested and Annabelle Lee strongly supported and is planning to have the CA IOUs join us in our next NESCOR/SEP 1.X subgroup meeting to fully flush out a California reference architecture for this document. The meeting will be a virtual meeting next Thursday, September 15th from Noon-2pm Pacific. Please confirm that each IOU will plan to participate with knowledgeable staff. Also, please feel free to begin drafting in writing something before then and feel free to send it to us to discuss before then. I will send you all the conference call information and/or webinar when it is available.

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Gupta, Alope; Langton, Adam; 'Charles McParland'; MAPiette@lbl.gov
Cc: Randolph, Edward F.; Lewis, Kenneth E.
Subject: Home Area Network distribution list

All:

As promised, here is the list of individuals from our meeting last week on the HAN implementation plan. I have also included Chuck McParland and Mary Ann Piette from LBNL on this list.

As we discussed, I'm hoping that we can use this as a means to continue discussing and coordinating efforts around the HAN implementation plan Advice Letter filing, as well as discuss additional steps around ensuring a successful roll-out and launch of the HAN for customers.

I'd like to thank everyone who attended the meeting the last week for your attendance at the meeting and for the discussion. I know I found it very informative and useful and I look forward to our continued cooperation on this topic.

I would like to encourage everyone to use this list if there are any questions of each other or of commission Staff on this issue. Thank you all again!!!!

Chris

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See attachment

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