

September 2, 2010 NIST Smart Grid Privacy Subgroup Meeting Notes

Minutes by Rebecca Herold

Please send this distribution list any necessary corrections or additions.

Next full group teleconference meeting:

Thursday September 9, 2010 at 11:00am est

Here are my summary notes from Thursday's meeting:

1. Reviewed NISTIR 7628 publication status

- a. Approved and fully signed off on. Will be posted at any moment. Waiting for press release to be signed off on by the DoE and DoC.
- b. NOTE – It was published later in the day; see <http://csrc.nist.gov/publications/PubsNISTIRs.html#NIST-IR-7628>.

2. Upcoming outreach activities

- a. September meetings
 - o St. Louis: September 14; CSWG is one day of the overall SGIP meeting
 - o San Francisco: September 28, 29 CA PUC Outreach (PUC offices)
- b. Others Go to front page of CSWG twiki, scroll down for link.

3. Discussed Impact of National Strategy for Trusted Identities in Cyberspace (NSTIC) on privacy in the Smart Grid

- a. Group discussion
- b. See message sent September 1
- c. **NOTE: Rebecca sent message with the list to Bill Huntman on Saturday, September 4.**

4. Discussed potential topics to address in next version of the privacy chapter

- a. List of possibilities currently includes:
 - Add more privacy use cases
 - Address Smart Grid privacy issues for businesses
 - Add more energy regulations/laws and privacy laws to the appendix
 - Add more discussion of opt-in versus opt-out: what real choices are possible to allow Smart Grid functioning and what is not?
 - Expand upon and discuss data collection endpoints/paths (e.g., private internetworks, storage media devices, etc.) that will be part of the Smart Grid
 - Certifying Smart Grid entities, devices, software, etc. as being privacy friendly and the associated metrics
 - Recommending awareness and training activities, including information to share with the public
 - Expand upon PEV issues
 - Include discussion of NSTIC impact on privacy in the Smart Grid
 - Other...?

- b. Jason P; DTE Energy. Expand upon doing PIAs; include doing a how-to for doing a PIA. What questions to ask, etc.
- c. Jules: There are many examples of how to do PIAs out there. Point to some of those.
- d. Brent: Law enforcement use cases; hope to get those included in the next version
- e. Christine H: Smart Grid needs to be more than just electricity. Can we also start considering water consumption, natural gas consumption, etc.?
- f. Tanya: For the immediate focus it should be electricity only.
- g. Tanya: Spoke to Eric Simmons for PEV work; he would love for our group to start looking into depth on PEV issues. Things are starting to solidify, and choices are being made. We can have some good material to work with. He is working with PAP-11, which deals with all PEV issues.
- h. Add issues related to anonymous uses, and anonymity.
- i. Christine H: privacy issues for businesses. Do we need to chunk it down? Commercial and Industrial. All utilities look at their utilities based upon total amount of usage. Industrial have the highest amount of consumption; any entity that creates something. Steel mills, cars, Commercial would be offices, administrative, perhaps data centers, basically does not have that assembly line feel for it. Sometimes even with a "small" business customer you can't tell if it is industrial or commercial.
- j. Ken Wacks: Commercial and consumer are pretty much equal. Industrial is small in number and large in energy usage. Commercial is the somewhat uncharted territory.
- k. Tanya: How do you classify a hospital? Guess commercial.
- l. Sometimes they have energy production on their own.
- m. Some presumption about criticality about industrial being more critical? Not necessarily always true.
- n. Many locations will also be producers in addition to, or instead of, energy consumers.
- o. Institutional markets: perhaps a subset of commercial?
- p. Lilly: Businesses, any outreach to get more participation from other businesses?
- q. Tanya: NIST has ties into the SBA; she can see if they can get a representative to participate, on an ad hoc basis.
- r. Brent: Can talk to Tech America; they may be interested in getting some members to participate. Would have interest.
- s. Christine: Those doing presentations; if we have a template or matrix to always include and ask for participation.
- t. Rebecca: Is creating 2-3 slides for the upcoming St. Louis SGIP meeting; will send to the group to use.
- u. Lee T: Is going to be talking about Smart Grid at the IAPP
- v. Jules: Will be doing slides at the Gridwise event.
- w. Christine: Moderating a session in early October; more telecom oriented.
- x. Jason P (DTE): What are we seeing for privacy impacts on state PUCs; customer energy data usage info is required and shared with those contracted with the utility? Often done without the customer explicit consent. Also part of EEI; got together with them and developed some data usage policies. Has been published this summer; he will check on if this is public. Utilities were asked to respond to the DoE about what they through their responsibilities are. Will pass along information.
- y. Ownership of data: expand upon
- z. Christine: Just as financials must get consent, perhaps the utilities must give notice and obtain consent?
- aa. Jason: How to do? A whole marketing thing to do it. Adds a lot of costs to providing energy. Many additional processes to add to do this.
- bb. Jason: Use case - a company will create a profile and then give to the utility to pass along to the consumers. Put into the anonymous section.

cc. TO-DO: Rebecca will make a matrix of business groupings and send to the group before next week's meeting.

Thanks,

Rebecca