

Community Resilience Panel: Energy Standing Committee Meeting

MEETING DATE: August 15, 2016
TIME: 4:00 p.m. – 5:00 p.m. EDT
LOCATION: Conference Call
ISSUE DATE: September 1, 2016

ATTENDEES:

Attendee	Affiliation
Ronda Mosley (Chair)	PTI
Julia Phillips (Vice-Chair)	Argonne National Laboratory
Ryan Franks	U.S. Green Building Council
Chuck Hookham	CMS Energy
Brian Levite	Hitachi
Stuart McCafferty	Hitachi Microgrids
David Michel	CA Energy Commission
David Mizzen	ARA
Andrew Petrow	Consultant
Tyler Bailey	ACEEE
David Ribeiro	ACEEE
Becky Rush	Derp Technologies
Haijian Shi	Pepco Holdings Inc.
Scott Tezak	TRC

DISTRIBUTION: Attendees and Energy Standing Committee
NOTES BY: Julia Phillips, Argonne National Laboratory, and Ronda Mosley, PTI

1. Welcome

Ronda Mosley (Chair) opened the meeting with an introduction of the NIST Disaster Resilience Fellow for Energy, Stuart McCafferty, to speak to the Fellow activities related to the committee work.

2. NIST Community Resilience Maturity Model Update

Stuart McCafferty has spent considerable time and effort pulling together a resilience maturity model. He collected over 200 questions from other fellows and others to add to the model and was able to hone the questions down to about 130. This model is designed help communities work through the NIST guide and effectively measure where they are in the resilience process, and identify areas where they might need more assistance/support. The goal is for this tool to be easy-to-use and for the tool to give a quick and accurate lay of the land for the communities.

Our committee will work with Stuart to get his tool as one of the items on our September Fort Collins meeting agenda (whatever Stuart has put together). Stuart needs permission from NIST to be able to share, with our committee, the actual tool, so that we can look it over.

3. Committee Discussion around this Maturity Model

The committee continued discussing the maturity model by asking Stuart questions and discussing other ideas that may be useful.

Question: Are the metrics produced in the model recognizing planning elements (wastewater risk, transportation risk)?

Response: Yes, although it might be a good idea to call the metrics elements to follow general planning formatting.

Question: What additional tools and metrics do we need and how do we bridge the gap on sustainability?

Response: This can be discussed in Fort Collins after the committee examines the tool.

The complexity of resilience planning crosses over many planning elements and should include a wide number of planners across the community enterprise. We need to make sure that sustainability planners are not left out of the planning process.

Some felt that the group should introduce the National Infrastructure Protection Plan (NIPP) in this model because the NIPP lists energy as critical to resilience and infrastructure protection and we should too.

The American Institute of Certified Planners (AICP) disaster and community resilience component was also discussed. The group felt it was important to incorporate resilience into the field of professional planning.

A new group has been formed called the Alliance on National Community Resilience (ANCR). Though it is not tied into NIST or the Panel's work, they are gathering metrics and it might be a good idea to meet with them to discuss their plans and the Panel's objectives.

4. Committee Action Items

Members were asked create a brief synopsis of submitted documents; send the synopsis to [Ronda Mosley](#). Ronda will collect and share the submissions with the committee. Our committee will discuss the submissions during our meetings and vote on what documents we believe should be put forth for inclusion in the Resilience Knowledge Base (RKB).

5. Ryan Franks, U.S. Green Building Council offers the following for inclusion in the RKB

Committee member Ryan Franks from the U.S. Green Building Council offers the following document for our collective consideration to add to the RKB:

- **Title:** Performance Excellence in Electricity Renewal (PEER)
- **Brief executive summary:** PEER is a certification program that measures and improves power system performance and electricity delivery systems. PEER can help power systems gain an advantage by

differentiating their performance, documenting the value produced, and demonstrating meaningful outcomes.

PEER evaluates power generation, transmission, and distribution systems across desired outcomes that include efficiency, quality, reliability, resiliency and the environment.

PEER has three different applications that involve professionals across the industry:

- The development of better standards through partnerships tools and guides to benchmark and continuously improve power grid design, construction and operation
- Power supply and microgrid performance design, rating, and certification
- Stakeholder and professional education

- *Which step of the Guide it applies to:* Steps 3 - 6
- *Recommendation/thoughts of why this document is worthy of submission:* If cities undergo screening, use participation tools, and work towards PEER certification, they will make meaningful changes to many aspects of the electricity supply, especially those related to resiliency and reliability.
 - Specifically: http://peer.gbci.org/sites/default/files/resources/Rating%20System%20v1_1%20FOR%20DISTRIBUTION.PDF
 - Generally: <http://peer.gbci.org>

6. General discussion on the submission of these documents

It is important to consider how we present some of the documents and how they scale up for appropriate use by the communities.

We should also include a glossary that accompanies the documents and sources and citations as well.

We should add keywords to identify what the general thrust of the resource is and who it is applicable to.

7. September Meeting Agenda

Ronda Mosley recommends September as being nominate a member to our committee month.

- Becky Rush requests a committee roster of who we are and where we are from so we don't invite people from organizations who are already represented on the committee.
- David Mizzen, ARA, is checking to see if it is ok to release the names of those on the panel and their affiliations. We will update the committee during the September meeting.

8. Next Panel Meeting

The next face to face of the Panel (and energy standing committee) will be Sept 21-22, 2016 in Ft Collins, CO.

9. Adjournment

There was no other business and the meeting adjourned at approximately 5:10 PM EDT.