

## Meeting Minutes August 17, 2011

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### Members

Ron Ambrosio, IBM T.J. Watson Research Center  
Rik Drummond, Drummond Group  
Alex Levinson, Lockheed Martin  
Bob Saint, NRECA  
Ken Wacks, consultant to Sensus Metering Systems Inc.  
Tracy Markie, Engenuity  
Amr Ibrahim, Ohio Consumer Council  
Wayne Longcore, Consumers Energy  
Robert Burke, ISO New England

### Support – Pacific Northwest National Laboratory (PNNL)

Ron Melton, GWAC Administrator  
Todd Halter, PNNL  
Sherry Kowalski, PNNL  
Jessica Bernsen, PNNL

### Speakers and Guests

Anto Budiardjo, Clasma Events  
Dave Elve, Sensus  
Dave Hardin, EnerNOC, Inc.  
Chris Irwin, DOE  
Randy Lowe, American Electric Power  
James Mater, QualityLogic  
Catherine Weldon, Weldon Consulting, LLC  
David Wollman, NIST

### Members – not present

Erich Gunther, EnerNex Corporation  
Tom Sloan, Kansas State Legislator  
Tony Giroti, BRIDGE Energy Group, Inc.  
Ward Camp, Landis + Gyr

### Members Emeritus

Richard Schomberg, EDF

## Proprietary Information Notice

Ron Melton read the proprietary information disclosure policy according to the bylaws to members and guests.

## Administrative Business

Ron Melton chaired the web meeting held from 10:00am – 11:50am on Wednesday, August 17, 2011. The committee agreed to approve June's meeting minutes. Ron Ambrosio motioned to approve minutes; Alex Levinson seconded the motion. The minutes from June 15<sup>th</sup> 2011 were approved.

Ron Melton reviewed the 2011 calendar.

### Upcoming Events:

- Grid Interop Planning will be October 18-19, 2011 in Phoenix, AZ
- The next face-to-face GWAC meeting will be held on Oct 20-21, 2011 in Phoenix, AZ
- Grid Week DC will be held September 12-15, 2011
- Global Forum Week will be held November 7-11, 2011
- The GWAC Web Meeting will be held November 16, 2011
- Grid Interop is December 5-8, 2011 in Phoenix, AZ
- GridWeek Asia is January 16-18, 2012 in Mumbai, India

Sherry Kowalski will be updating her calendar items removing Natasha's name from the meeting requests.

## **Vision Meeting Update**

### ***Wayne Longcore, SAP& Ron Melton, PNNL/GWAC Administrator***

Ron Melton has started to refer the smart grid manifesto as a smart grid vision to the Department Of Energy because of the wrong connotation "manifesto" was sending. It was suggested to everyone to move away from using the word manifesto and focus on vision.

Wayne Longcore shared that there has been several meetings working on indisputable statements. There was a discussion held about technology being the enabler or the driver. Technology may have been the enabler 10-15 years ago, but today the evolution of the internet, small devices, and smart phones show the technology piece exist. The goal is to have a whitepaper drafted by September 23, 2011.

Wayne Longcore will not be attending GridWeek, but will be able to conference in for some of it. The GWAC members discussed who would be attending Grid Week.

## **Grid-Interop 2011 Planning**

### ***Todd Halter, PNNL***

The Grid-Interop Planning Committee is finalizing the speakers for the plenary sessions and the dinner. Todd Halter shared that there have been 80 abstracts submitted. The review and acceptance of the abstracts is scheduled to be completed on August 19, 2011. The accepted authors will be notified the week of August 22.

There is a meeting scheduled in Dallas, TX with the plug in and planning committee to discuss case scenarios for Grid Interop. The committees are going to meet with different vendors to finalize what will happen at the plug in. The Grid-Interop web page is up and running. The agenda and registration will be displayed on the website within a few weeks.

Ron Melton mentioned the three different zones are Emerging, Evolving, and Maturing. Emerging refers to new standards, new providers such as OpenADE and Open ADR. Evolving is

moving beyond version 1, CIM, MultiSpeak, and SEP. Maturing is full realization of benefits of interoperability, 61850, and IEEE 1815 (DNP3).

Erich Gunther has been working with vendors regarding the participation fees.

Rik Drummond mentioned a desire to have the Grid-Interop Plug-In activity be compatible with SGIP Testing groups IPRM work.

## Smart Grid Investment Grant

Chris Irwin asked the GWAC members a question regarding the Smart Grid Investment Grant projects. Every applicant was asked the same few questions about interoperability. Chris is looking for ideas how to follow up on those requirements with some sort of questionnaire or other approach to gathering information on how the applicants have addressed interoperability.

## Marketing Efforts for GWAC

### *Dave Elve,*

Dave Elve volunteered to help market GWAC materials. Dave shared that he gets a lot of questions about what GWAC is, what GWAC does, how does GWAC fit and interact with other industry groups, and what value do stakeholders obtain from GWAC. An idea Dave had was to design a template to use to share what organizations have used GWAC and how it benefited their smart grid plans. Dave's mission is to raise the profile of GWAC to stakeholder groups, increase stakeholder input to the process, attract more talent to the process, and become the "go to" organization. There are over 3,000 electric utilities and most have access to the grid.

Marketing ideas that Dave suggested were to improve the messaging by making content available to stakeholders, better synchronize GWAC activities with other industry groups, develop some case studies and success stories, and update the website by improving the web contents and links.

Dave discussed the first steps that need to be taken and how to start advertising GWAC. The first steps are to review messaging and collateral, educate different channels (analysts, journalists, and consultants), website updates, case studies/testimonials, and develop or update a partner strategy.

## GWAC Interoperability Constitution Vote Results

### *Ron Melton, PNNL, GWAC Administrator*

The results are in and there was a unanimous approval of the new principles (the one rewording suggestion for the R03 & R04). The next step is to publish the updated version to the GWAC website. Ron Melton suggested doing a press release to inform every one that the constitution has been updated. The GWAC members discussed writing a constitution companion document that could explain the principles of the constitution in action and share examples.

## GWAC Interoperability Constitution Companion Documents

**Ron Melton, PNNL, GWAC Administrator**

The constitution companion document needs to be explanatory of the material, should have examples, shouldn't overlap context setting framework, and the possible opportunity to leverage by addressing in curriculum material developed for education outreach.

Action: Develop a press release for the new constitution and upload the Constitution to the GWAC website.

## Transactive Energy Workshop Whitepaper Update

**Ron Melton, PNNL, GWAC Administrator**

The progress on the transactive energy workshop whitepaper is a very slow progress. The targets for delivery are the grid Interop and the IEEE innovative smart grid technologies. There is a second workshop planned for 2010.

Action: Work on scheduling.

## University Outreach/Curriculum Development Update

**Bob Saint & Catherine Weldon**

Catherine Weldon discussed the U.S. Power Engineering workforce and education statistics. Around 45% of all engineers in the electric utility industry become eligible for retirement in the next 5 years. There are over 7,000 power engineers that are required to replace them, but there are fewer than 1000 undergraduate majors per year. Qualified faculty is hard to find.

The University Outreach Initiative is initial research aiming to understand current academic landscape in post-secondary education and workforce development in the U.S. relative to the discipline of electric power engineering. The 4 different components of the current initiative are outreach contact directory, academic landscape resort, survey, design, distribution, and survey analysis.

Catherine Weldon shared a current finding in Universities/community colleges is the lack of knowledge, but the support and interest is terrific. Large programs with more established faculty are further along in curriculum development and may be interested in integrating where there are gaps.

Catherine Weldon highlighted the following for leading curriculum development; Center for Energy Workforce Development (CEWD), Florida Energy Workforce Consortium (FEWC), and IEEE Power and Energy Society (IEEE PES), Office of Naval Research (ONR), and Power Systems Engineering Research Center (PSERC)

Action: Send Sherry Kowalski requests about who should receive the survey.

## SGIP Business and Policy DEWG

### *Dave Wollman,*

Dave Wollman filled in for Ward Camp who was not able to make the call. Dave shared that Ward Camp is doing a great job in keeping the meetings on tasks.

Ken Wacks shared that Paul proposed that ISOS and RTOs issue pricing signals and a broadcast basis and is hoping this will stimulate the appliance makers.

Dave Wollman also reported that within the BnP DEWG there is a new activity on “Implementability Reliability” that will probably be covered by a new committee.

## Next Face-to-Face Meeting Information

### *Ron Melton, PNNL, GWAC Administrator*

The next Face 2 Face meeting is going to be held October 20-21, 2011 in Phoenix, AZ. The meeting will be at the Pointe Hilton Squaw Peak Resort. The F2F meeting is immediately after the Grid Interop Planning. The meeting will plan to be over by 3:00pm on the 21<sup>st</sup>. Sherry Kowalski will send the GWAC members more information soon. The 2 confirmed guest speakers are John Simmins from EPRI and Dave Cohen from Infotility.

## GridWeek Coordination

### *Ron Melton, PNNL, GWAC Administrator*

GWAC “day” will be on Wednesday and will be an information management track. The GWAC presence on “Tools for Regulators” will be a session in Smart Grid Primer Track. Ron Melton confirmed who the GWAC speakers are for GridWeek.

Ken Wacks agreed to fill in for Ron Melton about the awareness details.

## Outreach & Liaison Updates

### *Ron Melton, GWAC Administrator*

Comments on outreach or liaison with other organizations were provided by GWAC members or others who serve in such a role relative to the council and the other organization. [Note that these notes are incomplete due to recording equipment problems. The individuals who reported are identified but notes were only captured for Tracy Markie’s input.]

- Dave Elve – Utilitmetrics
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- Ron Ambrosio – GridWise Alliance
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- Ron Ambrosio - ISO/IEC JTC1

- Ken Wacks - ISO/IEC JTC1 Sub Committee 25 Working Group 1
- Tracy Markie - ASHRAE and LON
  - Tracie has been promoting the use of the Decision Maker's Checklist and possibly the IMM by the LON community. There was some concern about whether they had permission to use GWAC material. It needs to be more clear what material is available for use within the broad industry.

## **Action Items Review**

None

## **Adjourn**

Meeting adjourned at 11:57 a.m.