Meeting Minutes
June 15, 2011

Members

Erich Gunther, EnerNex Corporation
Ron Ambrosio, IBM T.J. Watson Research Center
Rik Drummond, Drummond Group
Tony Giroti, BRIDGE Energy Group, Inc.
Amr Ibrahim, Ohio Consumer Council
Alex Levinson, Lockheed Martin
Wayne Longcore, Consumers Energy
Bob Saint, NRECA
Ken Wacks, consultant to Sensus Metering Systems Inc.
Tracy Markie, Engenuity
Tom Sloan, Kansas State Legislator
Robert Burke, ISO New England

Support – Pacific Northwest National Laboratory (PNNL)

Ron Melton, GWAC Administrator

Todd Halter, PNNL
Ron Jarnagin, PNNL
Sherry Kowalski, PNNL
Jessica Bernsen, PNNL

Speakers and Guests

Anto Budiardjo, Clasma Events
James Mater, QualityLogic
Dave Elve, Sensus

Members – not present

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

Erich Gunther chaired the web meeting held from 10:05am – 11:57am on Wednesday, June 15, 2011. The committee agreed to approve April face-to-face minutes in Jackson, MI. Amr Ibrahim moved to approve April minutes; motion approved.

Ron Melton reviewed the 2011 calendar.

Upcoming Events:

- GWAC Web meeting on August 17, 2011

- GridInterop Planning will be October 18-19, 2011 in Phoenix, AZ

- The next face-to-face GWAC meeting to be held on Oct 20-21, 2011 in Phoenix, AZ

- Grid Week will be held September 12-15, 2011

- Global Forum Week will be held the week of November 7, 2011

- GridWeek Asia is January 15-18, 2012 in Mumbai, India

Manifesto Meeting Update

Wayne Longcore, SAP

Wayne Longcore said that the Manifesto Committee has agreed how the manifesto will be created. The Committee wants to create something timeless and inarguable. The manifesto should not overlap the constitution.

Currently, the Committee is working on a list of inarguable statements. Wayne Longcore discussed the draft input and will be sending it to a larger stakeholder group for feedback. Wayne Longcore discussed the information that was agreed upon at the last meeting. Ron Melton mentioned that the name "manifesto" will probably be changed in the near feature because of the wrong connotation.

Grid-Interop 2011 Planning

Todd Halter, PNNL

The Grid-Interop Planning Committee is at the stage of gathering recommendations for plenary and keynote speakers. Council members were asked to send Todd Halter an email with ideas for speakers. The Grid-Interop web page is scheduled to go live the week of June 15th. The program committee has completed the call for papers and is waiting to receive the abstracts. Once the abstracts are received, the speakers and sessions will be established. The Plug-In planning committee is releasing a call for participants the week of June 15th.

Erich Gunther highlighted the objective and perspective of the Plug-In, which is a combination of a demonstration as well as a working interoperability environment. GWAC is trying to demonstrate to the smart grid community that work is progressing and that standards and interoperability have value.

Ron Melton confirmed the minimum price is $6,000 to participate in Grid-Interop 2011. Rik Drummond had a concern that GWAC is not positioned properly because this should be a demonstration of what exists now. Rik Drummond is also concerned that we may not be using the word "interoperability" correctly.

GridWeek Planning

Bob Saint, NRECA (National Rural Electric Cooperative Association)

Bob Saint is involved with the NRECA track. The NRECA track is not going to be the GWAC Track this year, but GWAC will be intermingled with the rest of the program. GWAC is the primary sponsor of one of the tracks. There is an architecture session dealing with information management on Wednesday. The other sessions that follow will build on the architecture principles. The whole idea is to be distributed throughout the entire GridWeek event.

Anto Budiardjo confirmed the 3 sessions of the Information Management track are architecture Smart Grid, System Integration, and Inter-Management access. The GridWeek website has all the necessary information regarding the details relating to the agenda. Anto Budiardjo reminded everyone there is a call for paper on the Grid Interop website. There has only been one paper submitted; the call for papers closes July 6th.

GWAC Interoperability Constitution Re Socializing Status

Ron Melton, GWAC Administrator

Ron Melton received the side-by-side comparison of the original GWAC constitution and the rewording that was put together by Ken Wacks and Robert Burke. The side-by-side comparison was sent to the council members for review. Ron Melton viewed the comments that were received and is concerned about trying to reword the constitution. Erich Gunther agrees that the constitution shouldn't be reworded. Ron Melton realizes the intention wasn't to change the meaning, but he is afraid that is happening.

Rik Drummond stated the original reasons to reword the constitution were to get people involved in GWAC, to get people thinking the same way, and to get buy-in. Ken Wacks stated that he and Robert Burke tried to focus on clarifications, not on changing the meaning of the document.

Ron Melton suggested addressing the problem by developing a regulatory guide to the constitution that will put it into terms the regulators are more familiar with, rather than rewrite the constitution.

Ron Melton proposed the following suggestions. First, the council takes a vote to accept the proposed new principles. Second, PNNL will review the work that Robert Burke and Ken Wacks did and identify the minor tweaks to existing principles without extensive rewording. Thirdly, at the next meeting the council will discuss what companion documents should be created.

Action: To look at further ways to articulate the constitution out to the community. Post meeting, send out an email to review the proposed principles as they appear in the side-by-side comparison document. Sherry Kowalski will send an email Monday June 20th asking for an email vote.

Transactive Energy Workshop Outcome

Ron Melton, PNNL, GWAC Administrator

The Transactive Energy Workshop went great. The group agreed to work together on a white paper describing transactive energy. Transactive Energy will be expanding in the community as things move forward.

GWAC Visibility

Erich Gunther explained that GWAC needs increases visibility. Erich Gunther suggested re-articulating the mission, vision, who GWAC is, and why GWAC is so unique. Erich discussed ideas of how to become more visible and recommended developing a marketing plan for GWAC. A few ideas about how to become more visible were to increase outreach, create more opportunities to host webinars, and work on being invited to key events.

Dave Elve has agreed to help develop a marketing plan.

University Outreach/Curriculum Development Update

Ron Melton, PNNL, GWAC Administrator

GWAC was approached by Catherine Weldon with a proposal for university outreach. There is now a contract in place. Bob Saint will be the GWAC liaison/mentor. Catherine Weldon's first

two tasks are to contact different people in the academic community to receive input and to do an outreach survey.

Ken Wacks has been in touch with MIT and Harvard. Ken Wacks has 9 confirmed faculty members from both universities ready to receive materials. The faculty members will provide feedback on draft materials. The GWAC will not use the faculty members as a source for information.

SGIP Business and Policy DEWG

Ron Melton, PNNL, GWAC Administrator

There are two main thrusts going on: one is appliance integration activity and the second is data privacy. Both are making good progress. There will be a F2F meeting in Montreal at the SGIP meeting. Ken Wacks noted that both issues are being tackled on a technical basis. The real focus on the appliance integration has come down to establishing a clear value proposition for residential demand response. The data privacy issue is being driven by a task force.

Interoperability Flyer

Ron Melton, PNNL, GWAC Administrator

Mladen Kezunovic, the head of the SGIP Communications, Marketing, and Education Working Group, drafted a guide to interoperability. The material was sent to the council. A main concern was why this is happening when there is already material about the basics of interoperability developed by GWAC. The council discussed a way to handle the situation with Mladen. Wayne Longcore proposed to ask Mladen "how can we help?" Erich Gunther stated that Mladen may not realize he has taken a different approach to interoperability. Ken Wacks informed the council that the deadline for feedback to Mladen is June 17th.

Erich Gunther suggested re-writing his document for him so that it's consistent with what GWAC has written in the past.

Next Face-to-Face Meeting

Ron Melton, PNNL, GWAC Administrator

The next Face 2 Face meeting is October 20-21, 2011 in Phoenix, AZ. The F2F meeting is immediately after the Grid Interop Planning. The meeting will plan to be over by 2:30pm on the 21st.

Outreach & Liaison Updates

Ron Melton, GWAC Administrator

- Dave Elve – Utilitmetrics
    - Dave Elve facilitated getting Doug Houseman a speaking slot at Utilitmetrics to discuss the merits of GWAC tools with different organizations.   Dave Elve will be working with Doug Houseman on the speech content.
    - Dave Elve recommended that GWAC partner link per placed on Utilitmetrics website. Ron Melton requested that Dave Elve send an email request so we could put the link request through the formal process.

- Erich Gunther-(IntelliGrid at EPRI)

  o Erich Gunter is continuing to invite EPRI representatives to be involved with GWAC meetings.

  o Erich continued to describe a number of current activities, which include demonstrations projects, roadmaps, and many other efforts that are applying the GWAC tools such as the GWAC Stack and principles.

  o Erich Gunter would like GWAC to create a white paper on an EPRI project and the ways GWAC tools and methods are being applied on EPRI projects.

  o Erich Gunther was interviewed on NPR, Science Friday June 10th.

- Ron Ambrosio – GridWise Alliance

  o The interoperability and Cyber Security working groups have been reviewing their cyber security statements.

- Ron Ambrosio - ISO/IEC JTC1

  o Ron Ambrosio has a JTC1 special working group monthly call to finish and inventory of SG relevant standards.

  o The IEC Strategic Group 3 (SG3 on smart grid) is meeting in Frankfurt in late June under the leadership of Richard Schomberg. Ron Ambrosio will be representing JTC1 to Richard Schomberg's SG3.

- Ken Wacks - ISO/IEC JTC1 Sub Committee 25 Working Group 1

  o There was a meeting in Berlin, Germany which was held at the offices of DIN (German Institute for Standardization), It was a full meeting and progress made on:

    ▪ Continuing to improve the Advanced Energy Management document (Ken's project).

    ▪ The Residential Gateway and Product Interoperability documents are now at final draft status (Ron Ambrosio's project).

    ▪ A new project was introduced as communications protocol for energy harvesting, which are products that work without batteries that send out small packages of data using energy from thermal differences from light and mechanical operation. They are working on standardizing the communication protocol of the technology which is being called the Wireless Short Packet Protocol.

    ▪ Next meeting is in Melbourne Australia in October.

- Tracy Markie - ASHRAE and LON

  o Tracie will be attending the ASHRAE Annual Conference at the end of June through the beginning of July. Ron Jarnagin will be sworn in as president at the Annual Conference.

  o Tracy Markie was a keynote speaker at the LON Conference. His presentation included mention of GWAC.

- Ron Melton - Connectivity Week

- o GWAC sponsored the track on economic, environmental, and reliability benefits of smart interoperability. Dave Elve, Tom Sloan, Robert Burke and Amr Ibrahim assisted with organization and produced excellent sessions.

- o GWAC received the Buildy Award.

- o The next SGIP Summer Meeting is July 12-14, 2011.

Adjourn

Meeting adjourned at 11:57 a.m.