

Meeting Minutes January 26, 2011

Chairman Ron Ambrosio and Erich Gunter led the web meeting held from 10:00am – 12:00pm on Wednesday, January 26, 2011.

Members

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

Mark Early
Jiyuan Fan, GE Energy
Erik Gilbert, Navigant Consulting
Mick Grover
Al Hefner, NIST
JoAnne Kelley, SAP America
Mark Knight, KEMA
Randy Lowe, American Electric Power
Gorden Matthews, BPA
Neal Mellen, TDK
Cuong Nguyen
Thomas Overman, Boeing
Dean Prochaska
Bradley Rogers
Bill Rose, WJR Consulting Inc.
Tariq Samad, Honeywell
Phil Slack, Enterprise Architecture
Catherine Weldon

Support – Pacific Northwest national Laboratory (PNNL)

Ron Melton, GWAC Administrator
Todd Halter
Ron Jarnagin
Sherry Kowalski

Speakers and Guests

Rolf Bennett
Mike Blanco
Anto Budiardjo, Clasma Events
William Cloutier, DTE Energy Company

Members – not present

David Hardin, Invensys Process Systems

Members Emeritus

Richard Schomberg, EDF

Proprietary Information Notice

The members and guests were reminded of the proprietary information disclosure policy according to the bylaws.

Agenda Review

No items were added to the agenda during the review.

Chairman Selection 2011

Ron Melton, GWAC Administrator

Ron Ambrosio announced the results of the chairman selection. Ron Ambrosio handed over chairmanship to newly elected Erich Gunther.

Administrative Business

Robert Burke motioned to accept the minutes from the previous meeting on October 27, 2010 as presented. Amr Ibrahim seconded the motion, all present Council members were in favor and the motion to accept October 27, 2010 minutes as presented carried.

Ron Melton reviewed the 2011 calendar.

Ron Melton introduced

Call for Candidates: Slate of Candidates Presentation and

Ron Melton, GWAC Administrator

Ron Melton discussed the selection committee, the selection process and announced the 2011 slate for conformation.

- Selection committee members:
 - Chris Irwin, DOE
 - Jerry FitzPatrick, NIST
 - Ron Ambrosio, GWAC Member
 - Amr Ibrahim, GWAC Member
 - Ron Melton, GWAC Administrator

The Proposed Slate of Candidates has been selected from 17 submitted applications and current Council members who expressed their interest to stay on the Council for another two year term.

- 2011 proposed slate for confirmation:
 - Ward Camp
 - Tony Giroti
 - Robert Burke
 - Tracy Markie
 - Bob Saint

Ron Ambrosio motioned to adopt the slate as presented. Richard Schomberg seconded the motion and the Chairman opened the motion for discussion and vote. All present Council members were in favor and the motion passed as presented.

Ron Melton welcomed the new Council members and thanked new emeritus members Dave Hardin and Richard Schomberg for their contributions and service.

DOE Smart Grid Task Force

Ron Ambrosio

Ron Ambrosio reminded the Council that they have an open action item to suggest the best way to engage with the DOE Smart Grid Task Force on an ongoing basis and a mechanism to remain proactive with this engagement. Ron Ambrosio volunteered to coordinate a sub-team to draft a plan to be submitted to the Council for discussion. Alex Levinson, Tony Giroti and Ward Camp volunteered for the sub-team.

Actions: Ron Ambrosio requested a phone meeting to be arranged within the next 2 weeks.

GridWise® Interoperability Constitution Update Process

Ron Jarnagin

Ron Jarnagin provided background on the two objectives of the Interoperability Constitution update process. First objective is to resocialize to include expanded players that have been introduced to the industry as a result of some of the work initiated by NIST. Secondly to expand the constitution business and policy principles because it was determined that this was an area that was not as well addressed when the original constitution was created. Additional principles were crafted and introduced by survey to gauge the reaction of the new principles.

Ron Jarnagin shared the results of the survey and the Council discussed the reaction of the participant agreement and importance levels.

Ron Jarnagin announced that he has assembled a team that consists of Ken Wacks, Bob Saint, Robert Burke and Nora Brownell to assemble and collect the results for the original and recent interviews and assemble recommendations to present to the Council prior to the February meeting.

Ron Melton suggested time be allocated at the face-to-face meeting for more depth of discussion.

Transactive Energy Workshop

Ron Melton

Ron Melton shared that the funding plan GWAC has with the DOE states that we undertake certain activities such as the Transactive Energy Workshop. Ron Ambrosio, Dave Hardin, Ali Ipkachi have assembled to create this activity that will be hosted by OSTI. Tentative date for the TEW is May 18-19 at Redwood Shores, CA. We will be reaching out to 12 – 15 participants by invitations who are currently working on transactive techniques. The purpose of this workshop is to develop a path to discuss the issues, opportunities, needs and activities. We are looking for good solid presentations and whitepapers that can then be published proceedings to be used as reference at a larger activity to be determined in the future.

An outline of the abstract for this event should be available in two weeks and will be circulated among the Council for comment. Additional information and discussion will be available at the February face-to-face meeting.

Smart Grid Manifesto

Ron Jarnagin, PNNL

Ron Melton shared that GWAC has an opportunity to provide strong needed leadership to the smart grid community by assisting with smart grid vision by way of developing a Smart Grid Manifesto. Ron Jarnagin has gathered information and background material for Council to discuss at the face-to-face meeting in February.

Ron Jarnagin recommended that the Council focus on outlining the essence of the smart grid vision. Then in the April face-to-face meeting the Council can develop the outline into a rough draft of the manifesto.

Ron Jarnagin will circulate the antiquated outline and pointers to smart grid vision reference documents.

Grid-Interop 2010 Summary and Update & Grid-Interop 2011 Planning Update

Ron Melton, GWAC Administrator & Ron Jarnagin, PNNL

Ron Jarnagin stated that in 2010 GWAC conducted a successful Grid-Interop and subsequent to the event a debriefing was held to look at the successes and the issues to be addressed to improve the upcoming Grid-Interop. Areas that were identified as needing focus for the 2011 event were:

- Division of planning and facilitating
- Strategic positioning of the event
- Tighter and more concise job descriptions.

Ron Jarnagin reminded the Council his new assignment with ASHRAY will leave his time limited. Todd Halter, from PNNL, will phase into Grip-Interop planning and Ron will be transitioning down.

Anto Budiardjo discussed the upcoming Connectivity Week that is planned for May 23 – 26, 2011. Over the last five years GWAC has participated in the expo as part of the smart grid component of Connectivity Week. Anto stated that he would be looking for input and participation from Council members.

Ron Melton

Business and Policy (BnP) DEWG

Ron Melton, GWAC Administrator

Ron Melton announced that the BnP DEWG is addressing the proposal by Rik Drummon that there be a smart grid policy and regulatory equivalent to the Uniform Code of Commercial Conduct. The general idea is to have common policies, in particular those addressing adoption of smart grid interoperability standards, across multiple jurisdictions so as to create a critical mass of common

market demand. In this way the vendors will be encouraged to develop products knowing that the market demand is large enough to justify new product development costs.

Another area of focus is around appliance integration in the home and the HAN Task Force, within the SGIP, has done some initial work related to this questions. This question has now been thrown over into the (BnP) DEWG, SGIP and the Home to Grid DEWG. There is a real desire from the appliance manufacturers, water heater manufactures and the HVAC community for additional clarity in the manner in which these response devices interact with the grid to provide responses. A new (BnP) DEWG sub-group is being created for that discussion.

The other main area of activity is the common purchase to policy discussion. Paul Cintoella from the utilities commission of the state of Ohio is involved in this discussion.

Ron Melton requested more active involvement from Council members within (BnP) DEWG.

2011 GridWeek Conference Planning

Robert Saint

Robert Saint announced GridWeek will be held September 13-15, 2011 and asked for GWAC participation by conducting a workshop on Wednesday, September 14. Ron Melton stated that facilitating the workshop is consistent with what the Council wants to do in terms of redirecting the focus to the upper layers of the GWAC stack. GWAC agreed to participate by conducting a workshop.

Outreach and Liaison Update

- SMARTicity Asia Congress– Richard Schomberg

Robert Schomberg shared his experience with the SmartiCity Asian Congress. Mr. Schomberg was impressed with how the Congress was able to explain, extend and demonstrate their connected life/smart grid concept to the consumer.

- Smart Energy Summit – Ken Wacks, Ron Ambrosio

Ken Wacks reported that the SmartEnergy Summit was hosted by a marketing research firm, Prox Associates that specializes in residential systems and surveys of consumer attitudes. There was discussion and realization that the utility world and the consumer world are quite different and acknowledgement that the two are coupled with residential gateway line of demarcation. Many startup companies were represented and were addressing what could turn into a competitive market for energy management service supplies. There had also been focus on the business case which is where Mr. Wacks felt that GWAC could assist. We recognize in the WACK stack that the business issues on the top of the stack drive the whole smart grid and yet almost all the resources being expended through government programs have been assuming the industry knows what it wants to do and it's just being blocked by coordination of standards.

- EPRI: Don Von Dollen

Don Von Dollen shared the current EPRI activities with the Council. Some of the activities include an active research program on cyber security, smart sub-station labs and a project

with NERC develop implementation guides for the critical infrastructure protection standards. Don mentioned that Annabelle Lee is joining EPRI on February 1st.

- PES Innovative Smart Grid Technology Conference (ISGT) in Anaheim, California (Jan 17-19) : Erich Gunther

Erich Gunter reported that 340 participants were present, great speakers and prominently featured GWAC artifacts in various aspects of the conference. Many speakers referred to the GWAC stack. Erich Gunther stated that if we move forward and continue to socialize other components of GWAC guidance we should see the results of these actions in future presentations.

- IEEE PES's Intelligent Grid Coordinating Committee (IGCC): Erich Gunther
Erich Gunther reported the function of PES's Intelligent Grid Coordinating Committee is to coordinate the activities within PES across all its silos of various committees and subcommittees and also is working closely with IEEE level activity to coordinate smart grid across all other aspects of IEEE.

GWAC Face to Face meeting, February 11-12-2011

Ron Melton provided a preliminary agenda for the GridWise Architecture Council meeting, February 11-12, 2011 and asked that any additional agenda items be submitted to consideration.

- Smart grid Manifesto
- GridWise® Constitution Update Process
- SG IMM Status Update
- Engaging NERC
- SGIP collaboration: issues and actions update
- Outreach reports
- Guest Presenters:
 - Jeff Taft, Cisco

Ron Melton received confirmation that there is no badge required or registration required for the Smart Response Collaborative meetings on Sunday morning. Ron encouraged members to participate in the meetings and engage in the discussions.

Adjourn

Robert Burke motioned to adjourn the meeting, Amr Ibrahim seconded the motions. All Council members were in favor and the meeting adjourned at 11:53 am.