

Meeting Minutes December 11, 2009

GridWise® Architecture Council (GWAC) member Dave Hardin started the web meeting on behalf of the chairman Ron Ambrosio and Mr. Ambrosio was able to join ~15 minutes into the meeting, which was held from 8:00 a.m. – 9:40 a.m. on Friday, December 11, 2009.

Members

Ron Ambrosio, IBM T.J. Watson Research Center
Rik Drummond, Drummond Group
Erich Gunther, EnerNex Corporation
Stephanie Hamilton, EPRI
David Hardin, Invensys Process Systems
Lynne Kiesling, Northwestern University
Alex Levinson, Lockheed Martin
Tracy Markie, Engenuity
Robert Saint, NRECA
Richard Schomberg, EDF
Ken Wacks, supported by GridPlex

Support - PNNL

Ron Melton, GWAC Administrator
Ron Jarnagin
Natasha Brock

Speakers and Guests

Jerry FitzPatrick, NIST
Joe Hughes, EPRI
James Mater, Quality Logic
Toni Giroti, BRIDGE Energy Group
Terry Oliver, BPA
Phil Slack, Florida Power & Light Company
George Arnold, NIST
Jerry FitzPatrick, NIST
Dean Prochaska, NIST

Members (not present)

Nora Mead Brownell, ESPY Energy Solutions
Robert Burke, ISO New England

Proprietary Information Notice

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

Agenda Review

No items added to the agenda at the time of review.

Administrative Business

Approval of minutes from the previous meeting (November 2, 2009)

- Motion to approve made by Dave Hardin and seconded by Stephanie Hamilton.
- Minutes approved by unanimous vote of the present council members.

Upcoming events review and GWAC meeting schedule.

- January 28-29, 2010 – face-to-face meeting in Orlando, FL following the AHR expo

All the upcoming industry events were briefly discussed. GridWise Alliance is separated from the GridWeek and is developing its own event- GridWise® Global Forum (Sept. 21-23, 2010 in Washington, DC). Ron Ambrosio mentioned that GridWise Alliance felt that GridWeek was becoming a vendor type event VS the policy executing level meeting.

NIST will continue to work on coordination of the GridWeek in Chicago, IL in December of 2010. More information is needed about the new Forum.

Action items:

- *Present more information about the new event in January- GridWise® Global Forum.*

2010 Call for Candidates

Ron Melton gave an update on the status of 2010 Call for Candidates. Only four applications were received, but it is expected to receive the majority of applications as January 5, 2010 approaches. Form a nominations committee of 5 individuals including at least 2 Council members whose terms are not expiring. The proposed nominations committee is subject to approval by the Council members. The nominations committee verifies the eligibility of candidates, including their ability to fulfill the requirements of the open seats and their commitment to Council member duties.¹

Action items:

- *Ron Melton to form a nominations committee. The proposed nominations committee is subject to approval by the Council members.*

¹ This activity follows the Clause 3.1.2 of the Bylaws, *Member Selection*. The Bylaws can be found at http://www.gridwiseac.org/pdfs/gridwise_ac_bylaws.pdf

Chair Selection

Ron Melton announced that Ron Ambrosio was nominated by council members for a chairman position and invited council members to vote via e-mail. Rik Drummond proposed that Ron Ambrosio would serve as a chairman for another one year term. Vote took place and the candidature of Ron Ambrosio was confirmed by unanimous vote of the present council members.

Dave Hardin declared that Ron Ambrosio would continue to serve as a Chairman of the GridWise Architecture Council for another one year term.

As up to now all the GWAC Chairmen were have been doing two one year mandates; Richard Schomberg suggested that the Bylaws may need to be revised to possibly extend the chairman term to two years.

Action items:

- *Revising Bylaws - Possible topic for the January meeting.*

Grid-Interop 2009 Highlights

Ron Melton said Grid-Interop 2009 was a very successful event that brought together ~500 industry experts, government, and consumer stakeholders. Audience was engaged in the discussions during technical sessions and a new element - Poster session presented on the laptop was very successful. This year less technical papers were submitted.

It was planned to have submitted technical papers published in various magazines. Dave Hardin and Steve Widergren have an action item.

Action items:

- *Dave Hardin and Steve Widergren to coordinate publications of the technical papers submitted.*

Grid-Interop 2010

Short discussion took place of the future activities in preparation of GI 2010 event. Some of the suggestions included:

- Before announcing call for paper to be more specific/ topical
- More directions on tracks
- GWAC members as track leads
- Another Poster session- will it be different or the same

Ron Jarnagin pointed out that February 2010 would be the right time to start planning and formation of the planning committee need to occur during January meeting.

Action items:

- *January agenda: Formation of the Planning committee for Grid-Interop 2010.*

January Face to Face meeting information & Preliminary Agenda

Meeting will take place in Westin Imagine Orlando hotel, which is located about .5 miles_ away from Orlando Convention Center. Lodging reservations by the participants of the GWAC meeting on January 28-29, 2010, need to be made by January 7, 2010 in order to receive discounted rate. Detailed information will be provided on Wednesday, December 16, 2009.

Ron Melton invited council members to submit their suggestion of a possible agenda items and invitees and provide comment on the preliminary Agenda Items.

- Interoperability Constitution

Rik Drummond agreed and said since it was created in 2005; it is worth to revisit to readdress new drivers of the day. "It would be a proper govern to revisit The Constitution from time to time," he said. Also upper level of the GWAC STACK needs to be addressed the way lower level was. Lynne Kiesling said it would be a great idea to touch up some of the principles GWAC advocating in the Constitution.

- Vint Cerf / GWAC Debate

Council members agreed to consider this item in the near future not during January meeting.

Possible agenda items were identified and included:

- Presentation by George Arnold, NIST during the first day of the meeting
- Welcome new council members
- Florida Power & Light, suggested by Ron Ambrosio
- Toni Giroti

Action items:

- *Ron Ambrosio and Ron Melton to draft agenda for January meeting by 12/18/09, obtain input from the council members.*

IEEE PES General Meeting Panel -Interoperability for a Smart Grid

Steve Widergren is putting together a panel for the IEEE PES General Meeting and invited topics include:

1. The Importance of Interoperability and the Federal Role: Eric Lightner (US Dept of Energy)
2. NIST Interoperability Framework and Priority Actions: George Arnold, Jerry FitzPatrick, Dave Wollman (NIST)
3. Architecture for Interoperability: Andreas Tolk (Old Dominion University)
4. Interoperability Maturity Model: Alex Levinson (Lockheed-Martin), James Mater (Quality Logic)
5. Interoperability Checklist for Decision-Makers: Ron Ambrosio (IBM), Ron Melton (PNNL)

Steve Widergren, James Mater and council members Rik Drummond and Alex Levinson are developing a paper, which takes elements from J. Mater's and R. Drummond's paper presented at Grid-Interop 2009 "Creating a Smart Grid Interoperability Maturity Rating System" and concentrates on the capability aspects and not a rating system.

GWAC Interoperability Maturity Model (GIMM)

Steve Widergren is leading this effort. IMM work was stalled out with all of the NIST activities earlier in the year but look for more information at the meeting in Orlando. The formal work for the IMM will be done with the GWAC IMM team. If you want to be involved, contact Steve Widergren.

Action items:

- *January agenda: GWAC interoperability Maturity Model by Steve Widergren.*

Decision Maker's Checklist Update

At the Knoxville meeting, after the discussion of the ideas of updating the Decision Maker's Checklist presented by James Mater, a team of volunteers including Ron Ambrosio, Stephanie Hamilton, Bob Saint, Rik Drummond, Erich Gunther, and Joe Hughes (EPRI), Alison Silverstein (GWAC emeritus member) and James Mater (Quality Logic) was formed to look at the possibility of incorporating the framework to improve the Decision Maker's checklist.

Action items:

- *Schedule the first teleconference to start the discussion.*

Outreach & Liaison Update

GridWise Alliance-- Ambrosio: Ambrosio informed that the main focus is on the developing of a new event – GridWise Global Forum.

EPRI IntelliGrid - Hughes, Gunther: Currently focus is on the planning of the IEEE/ NIST conference in January, 2010. Program was finalized. Smart Grid 101 session will be chaired by Erich Gunther and is based on the NIST Smart Grid Framework and the work of Gridwise Architecture Council will be introduced. EPRI: completed phase I of the Smart Grid Roadmap.

FERC: Ray Palmer was not participating to comment.

UCA UG: Gunther said that current activities are driven by NIST Priority Action Plans (PAPs) process and are funded by the Utilities, which may not be sustainable in the long term.

ISO/IEC JTC1: It is important to reach out to Europe and China where there is a lot of interest in NIST standardization activities and a lot of business opportunities. Ron Ambrosio was appointed as a Convenor of the ISO/IEC JTC 1 special working group on smart grids.

IEC/SG 3: Richard Schomberg said that this strategic group is still pursuing an effort of assessment of the gaps or overlaps that exist within existing IEC standards as far as smart grid technology and moves forward with issuing an action plan to guide 20 TCs towards a comprehensive set of harmonized global standards supporting the smart grid requirements. January-February 2010 - important decision making. With ~\$100B in Europe for smart grid projects and a lot of interest, it is hard to mobilize many groups that are being created to address all the issues. Korea needs to be considered as a fast growing country that needs new infrastructure. China translated the IEEE PAS (Intelligrid) is using it as a Chinese standard.

IEEE PES IGCC - Gunther: This committee serves to address the technologies that apply to activities within the IEEE PES, identify opportunities for their future applications, and provide a forum for the free exchange of information.

EEL: Mike Oldak moved on. Bob Saint suggested contacting Chris Eisenbrey if he would replace Mr. Oldak since EEL's prerogative is important to GWAC.

NIST/SGIP- Gunther: Smart Grid Interoperability Panel's (SGIP's) governing board appointed Steve Widergren, a principal engineer at Pacific Northwest National Laboratory and former GWAC Administrator, as plenary chair of the panel at its first meeting held Dec. 8-9. Additionally, the SGIP, a unique public-private partnership with more than 400 member organizations, began laying plans for the new panel's work to support the U.S. Commerce Department's NIST's effort to coordinate the expedited development of technical standards for the nation's Smart Grid.

Upcoming events/outreach

- IEEE PES Conference on Innovative Smart Grid Technologies, Jan 19 – 21, 2010 Washington, DC: ?
- AHR Expo, 28-29 Jan, 2010 Orlando: *Tracy Markie*
- IEEE PES GM, July 25 – 29, 2010 *Minneapolis: Widergren*

Action Items Review

Action Item	Assigned To	Due Date
Affected Council members to provide a new letter of commitment from their affiliated organization.	GWAC members whose term is expiring in 2009	01/05/10

Action Item	Assigned To	Due Date
Ron Melton to form a nominations committee. The proposed nominations committee is subject to approval by the Council members.	Ron Melton/ GWAC members	01/05/2010
To coordinate publications of the technical papers submitted to Grid-Interop 2009.	Dave Hardin/ Steve Widergren	
<p>Draft agenda for January meeting by 12/18/09 and send it out to the council members for comments.</p> <p>Suggested January agenda items:</p> <ul style="list-style-type: none"> ✓ Formation of the Planning committee for Grid-Interop 2010. ✓ Revising ByLaws & Interoperability Constitution ✓ Present more information about the GridWise Alliance new event ✓ Presentation by George Arnold, NIST during the first day of the meeting ✓ GWAC interoperability Maturity Model revived, Steve Widergren <ul style="list-style-type: none"> ➤ Florida Power & Light ➤ Invited speakers 	Ron Ambrosio and Ron Melton	12/18/09