

**GridWise Architecture Council  
Meeting Minutes  
December 12, 2008**

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Newly-elected Chairman Ron Ambrosio led the web meeting which was held 9:00– 11:00 a.m. on Friday, December 12, 2008.

**Present**

***Architecture Council Members***

Ron Ambrosio, IBM T.J. Watson Research Center

Joe Bucciero, KEMA Consulting

Rik Drummond, Drummond Group

David Hardin, Invensys Process Systems

Lynne Kiesling, Northwestern University

Richard Schomberg, Electricite de France

Ken Wacks, supported by GridPlex

***Architecture Council Support - PNNL***

Steve Widergren

Ron Melton

Ron Jarnagin

Heather Kuykendall

***Speakers and Guests***

Sharla Artz, Schweitzer Engineering

David Holmberg, NIST

Joe Hughes, EPRI

Randy Lowe, AEP

Itai Karellic, Green Technology

**Members Not Present**

Nora Brownell, BC Consulting

Erich Gunther, EnerNex Corporation

Stephanie Hamilton, Southern California Edison

Alex Levinson, Lockheed Martin

Jack Mc Gowan, Energy Controls, Inc

Russell Robertson, Tennessee Valley Authority

## **Proprietary Information Notice**

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

## **Administrative Business**

- The minutes from the October 31, 2008 web meeting were approved with no changes.
- Ron Ambrosio was congratulated as the 2009 GWAC Chairman.

## **Upcoming Meetings**

### **GWAC Meetings**

- January 15-16, 2009 – face-to-face meeting, Phoenix, AZ
- March 6, 2009 – web meeting, 9:00 – 11:00 a.m. PST
- May 2009 – web meeting, date TBD
- June 8, 2009 – face-to-face meeting co-located with Connectivity Week in Santa Clara, CA. Hope to coordinate DEWG meetings on June 12.
- August 2009 – potential face-to-face meeting. This will be addressed later, as it may become a Grid-Interop planning meeting instead.
- September 21-24, 2009 – GridWeek, Washington, D.C. Potentially co-locate a face-to-face meeting.
- November 2009 – Grid-Interop 09, hub location TBD.

### **DEWG Meetings**

- January 28, 2009 – B2G Summit, co-locate with AHR Expo, Chicago, IL
- May 4-6, 2009 – I2G meeting, co-locate with OMAC meeting, Raleigh, NC
- June 8-11, 2009 – possible all-DEWG meeting co-located with ConnectivityWeek, Santa Clara, CA

### *Action Items:*

- *Heather Kuykendall will send a calendar item to Council members for the March web meeting and check availability for May web meeting. (due 9 Jan 09)*
- *Steve Widergren will discuss co-location possibilities with Anto Budiardjo for GWAC and DEWG meetings at the ConnectivityWeek and GridWeek venues. (due 15 Jan 09)*

## Call for Candidates

The attributes for the Call for Candidates 2009 were emailed to the Council for review and comment prior to the meeting. All present members agreed with the proposed attributes, and the Call will go forward. Council members will inform Heather Kuykendall of recommended candidates.

Joe Bucciero, David Hardin, and Richard Schomberg have confirmed their interest in renewing their expiring terms. Jack Mc Gowan and Russell Robertson have elected to transition to emeritus status.

### Call for Candidates Schedule:

	Activity	Start	End
1	Call Material, Distribution List & Posting Plan	21 Nov -08	4 Dec 08
2	GWAC Review & Agreement to Proceed	5 Dec 08	10 Dec 08
3	Assemble Nominations Committee	11 Dec 08	9 Jan 09
4	Candidate Call Period	12 Dec 08	19 Jan 09
5	Nominee Selection	20 Jan 09	26 Jan 09
4	Confirm Commitments and Finalize Slate	27 Jan 09	30 Jan 09
8	Nominee Confirmation	2 Feb 09	4 Feb 09

### Action Items:

- *Heather will announce the Call for Candidates via email and web after the meeting. (due 12 Dec 08)*
- *Council members will forward candidate recommendations to Heather. (due 9 Jan 09)*

## Grid-Interop 08 Recap

Over 210 people attended Grid-Interop this year, and successfully combined interoperability sessions with the NIST workshop. Some lessons learned from the event include setting the date earlier, and raising awareness of the Call for Papers earlier and more broadly. NIST received

the draft workshop report from Energetics. David Holmberg will forward the document to the Council. The proceedings from the event are being drafted.

## **Grid-Interop 09**

Next year's focus for Grid-Interop will be more centered on the DEWGs efforts and panel sessions rather than workshops. The event will take place during the fall at a hub location. Publishing the best papers with an organization such as IEEE was also considered. The composition of the target audience and the involvement of policy-makers will be discussed at the next GWAC meeting in January. The theme for papers, DEWGs, speakers, and content will be directed earlier in the process than previous forums. The planning activities will be discussed at the January GWAC meeting.

*Action Item:*

*Steve Widergren will provide time to discuss the planning for Grid-Interop 09, including the planning committee, at the January meeting. (due 16 Jan 09)*

## **NIST/DEWG Status**

The NIST report to Congress should be published in December 08 or January 09. They are currently processing the DEWG results from Grid-Interop and translating the agreed upon actions from the workshops into NIST actions during the coming year. NIST has taken an action to update the public web site, and to ensure convergence of their KnowledgeBase with databases being built by other groups. NIST hopeful concerning budget allocation for them to support the work. Two new people are being assigned to support the effort.

A general need for the Domain Expert Working Group is to create consistent templates for use-cases and business process modeling. An agreement is needed on the use of formal tools. Rik suggested that a newsletter-type update from each DEWG might be useful to keep users informed and involved in the process.

A status report follows:

- I2G DEWG – Meets weekly via teleconference, and will participate in the ARC Sustainable Manufacturing Forum on February 2-5 in Orlando. They are interested in looking at a dynamic pricing model and desire participation from customers (direct end-users) to be involved in the DEWG. Lynne Kiesling and Dan Violette were mentioned as good people to get involved in a dynamic pricing model. Dave Hardin suggested participation from the Council in the OASIS/oBIX discussion group that Bill Cox and Toby Considine set up.
- B2G DEWG – Meets weekly via teleconference, and will be involved in the B2B Summit at the AHR Expo on January 26-28 in Chicago and GridCon in late March. Their membership is up to 33 members.

- H2G DEWG – Meets weekly via teleconference with 41 members. Ken Wacks distributed a list of relevant protocols used in home automation today. They are reviewing the OpenHAN and other available sources of requirements for discussion in January.
- T&D DEWG – There were only four DEWG members at the Grid-Interop T&D workshop session, which made it challenging in terms of constantly reminding attendees what the NIST objectives were. Their plan is to write seven white papers, crafted by subcommittees of at least two people. The scope of the papers will be drafted by the DEWG, and will provide input into the NIST 2009 report to Congress. A subdivision of the group is being considered as the concerns are too big to reasonably manage in one group.
- BnP DEWG – A planning conference was held on December 10. Their membership is currently at 38 members. The two activities that have been identified are to create an initial taxonomy, and to outline the interoperability and smart grid education content needed.

## Benefits Reports

A near final draft of the financial benefits papers was submitted by Harbor Research. A question about whether it meets the original objectives of the paper will be discussed in Phoenix. E-Source offered the first draft of the environmental benefits paper, and comments were returned. We received a first draft of the reliability benefits paper from Alison Silverstein, and it is under review by the committee. The scope for a consumer benefits paper will be discussed at the January meeting in Phoenix. Lynne Kiesling asked H2G to suggest someone who can draft the Consumer Benefits paper, and Ron Melton suggested that we can involve the B&P DEWG for input as well.

*Action Item:*

*Steve Widergren will provide time during the January meeting to discuss the consumer benefits paper. (due 16 Jan 09)*

## Phoenix Agenda

We will have coordination with attendees from various organizations: Laurent Liscia from OASIS (via telecom), Peter Shaw from Navigant, Randy Lowe representing UNITE from AEP, and Traci Niimi from General Dynamics. Austin Montgomery will present the Capability Maturity Model background and application, Steve Widergren will present the NEHTA Interoperability Maturity Model concepts, and Rik Drummond will present Uniform Commercial Code for Interoperability.

*Action Item:*

*Steve Widergren will provide time during the January meeting to discuss messaging and potential activities relevant to the transition to a new federal administration. (due 16 Jan 09)*

## **Uniform Commercial Code for Interop**

Rik Drummond presented his idea to develop a uniform marketplace across states for software products. It is similar to the way the uniformed commercial code is used as a template for developing business contracts. Each state has some customization of the uniformed code, but much the definitions and content remains consistent. This is then customized further in each contract, but common use of format and definitions greatly facilitates contract negotiation. Using a technique like this may help in developing a stronger relationship with the FERC/NARUC Smart Grid Collaborative. Lynne mentioned this would be a good goal for the BnP DEWG to work towards as well. This topic will be discussed more completely at the January meeting.

*Action Item:*

*Steve Widergren will provide time during the January meeting to discuss uniform commercial code. (due 16 Jan 09)*

## **Summary of New Action Items**

Item	Owner	Due Date
Heather Kuykendall will sent a calendar item to Council members for the March web meeting and check availability for May web meeting	Kuykendall	09 Jan 09
Steve Widergren will discuss co-location possibilities with Anto Budiardjo for GWAC and DEWG meetings at the Connectivity Week and GridWeek venues.	Widergren	15 Jan 09
Heather will announce the Call for Candidates via email and web after the meeting.	Kuykendall	12 Dec 08
Council members will forward candidate recommendations to Heather.	Council members	09 Jan 09
Steve Widergren will provide time to discuss the planning for Grid-Interop 09, including the planning committee, at the January meeting.	Widergren	16 Jan 09
Steve Widergren will provide time during the January meeting to discuss the consumer benefits paper.	Widergren	16 Jan 09
Steve Widergren will provide time during the January meeting to discuss messaging and potential activities relevant to the transition to a new federal administration.	Widergren	16 Jan 09
Steve Widergren will provide time during the January meeting to discuss uniform commercial code.	Widergren	16 Jan 09