



GridWise Architecture Council Meeting Web Meeting

July 11, 2008

Meeting Minutes

Chairman Jack Mc Gowan led the meeting from 11:00 a.m. – 1:00 p.m. EDT.

Present

Architecture Council Members

Stephanie Hamilton, Southern California Edison
David Hardin, Invensys Process Systems
Lynne Kiesling, Northwestern University
Jack Mc Gowan, Energy Control Inc.
Russell Robertson, Tennessee Valley Authority
Richard Schomberg, Electricite de France
Ken Wacks, GridPlex

Architecture Council Members Emeritus

Wade Troxell, Colorado State University

Architecture Council Support

Steve Widergren, Ron Jarnagin, Heather Kuykendall – Pacific Northwest National Laboratory

Speakers and Guests

James Baker, BAE Systems
David Holmberg, NIST
Joe Hughes, EPRI
Randy Lowe, American Electric Power
James Pace, Silver Spring Network
Ray Palmer, FERC
Mark Maddox, Arcadian Networks
Aftab Zia, SunPower Corporation

Members Not Present

Ron Ambrosio, IBM T.J. Watson Research Center
Joe Bucciero, KEMA Consulting
Nora Mead Brownell, BC Consulting
Rik Drummond, Drummond Group
Erich Gunther, EnerNex Corporation
Alex Levinson, Lockheed Martin

Proprietary Information Notice

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

Meeting Minutes Approval

The minutes from the May 19-20, 2008 meeting were approved. All meeting minutes are available at <http://www.gridwiseac.org/meetings/meetingminutes.aspx>.

Upcoming GWAC Meetings

- **August 5-7, 2008** – face-to-face meeting in Gaithersburg, MD
The meeting is taking place at NIST, and badges will need to be picked up at the gate. Transportation to/from the NIST facility will be arranged. The room block information will be sent out soon. David Holmberg offered that internet should be available at NIST. Heather will check on the application process for internet access. The Monday, August 5 meeting is for planning the formation of the domain expert working groups. This will support the NIST workshop during Grid-Interop and on-going efforts to advance interoperability. NIST will send invitations to the Working Group Meeting soon. Tuesday, August 6 is a Grid-Interop planning meeting based on the outcomes of day one. August 7 is a regular GWAC meeting where the results of the previous meetings will be reported. Heather will create a matrix to indicate which Council members are expected each day.
 - Aug 5: Working Group Meeting (NIST leading)
 - Aug 6: Grid-Interop Planning Meeting
 - Aug 7: GWAC Meeting
- **September 22-25, 2008** – GridWeek in Washington, DC. No regular GWAC meeting is planned in conjunction with the conference. This was changed since our last meeting since an International Smart Grid Summit that interests several Council members has been scheduled for September 22 at GridWeek.
- **October 31, 2008** – web meeting from 9 – 11 PT
- **November 11-13, 2008** – Grid-Interop 08, Atlanta, GA. No regular GWAC meeting is planned in conjunction with the conference.
- **December 2008** – A face-to-face meeting is proposed for December 9-10 or 10-11. The location is to be determined although Seattle was mentioned as a possibility.

Action Items:

- Heather Kuykendall will check on the application process for internet access at NIST and distribute a matrix to indicate which Council members are expected each day of the August meetings. (due 18 July 08)
- Heather Kuykendall will coordinate logistics for upcoming meetings with council members. (ongoing)

FERC-NARUC Smart Grid Collaborative Meeting

Commissioners Kelly and Butler invited the GWAC to participate in the FERC-NARUC Smart Grid Collaborative Meeting on July 23 in Portland, OR. Jack Mc Gowan and Nora Mead Brownell will be at the meeting and Jack will discuss the importance of interoperability, the Decision Maker's Checklist, and other tools to assist regulators concerning the topic. Carl Imhoff from PNNL will also attend this meeting.

GridWeek Preparation

Steve Widergren is the track leader for the "Interoperability of a Smart Grid" track on Wednesday, September 24. Tom Standish, CenterPoint Energy; Bill Anderson, NIST; and Ahmad Faruqui, Brattle Group have been recommended as leaders in this track. GridWeek sponsorship is already filled at the platinum level. If time allows, though the International Smart Grids session on Monday conflicts with the original plan to meet on that day, we may try to arrange for GWAC members to meet for a few hours at the event.

NIST-GWAC Collaboration

➤ Domain Expert Working Groups

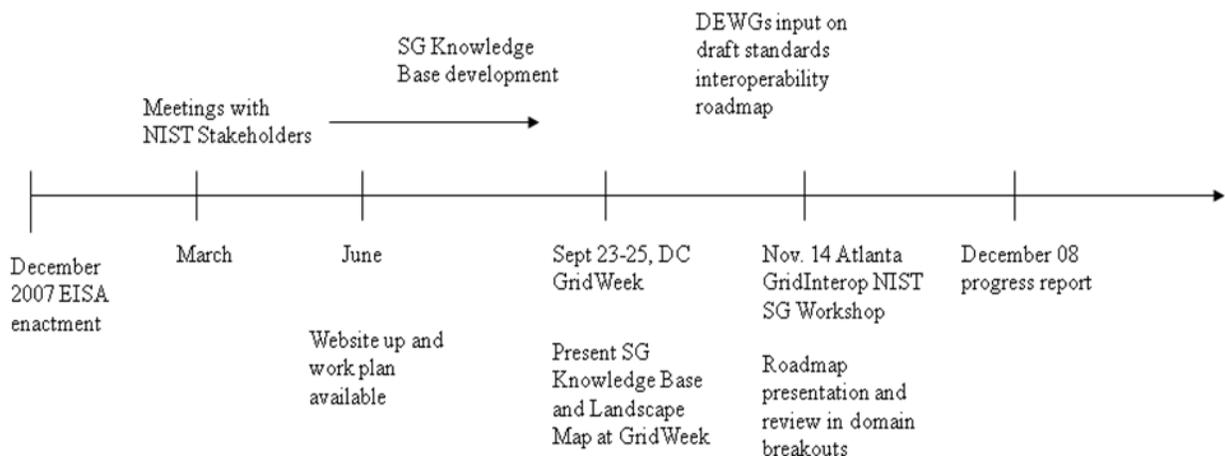
NIST and the GWAC are aligning their ideas about teams of experts to focus on electric system interfaces for home, building, industrial, and transmission and distribution systems. David Holmberg said that NIST is inviting experts to plan the Domain Expert Working Groups (DEWGs). Originally, an Interop Policy group was not considered by NIST, but they have since added a Business & Policy Domain Working Group that will address this need. Erich Gunther previously proposed a Communications and Networking team, and James Pace would like NIST and the GWAC to consider such a group.

Proposed DEWGs

- Home to Grid
- Building to Grid
- Industrial to Grid
- Transmission Automation
- Distribution Automation
- Business & Policy

➤ Deliverables

NIST plans to hire a contractor to update the KnowledgeBase from which a Landscape Map will be developed. This information will be presented at GridWeek and an invitation extended for participation in the NIST Workshop at Grid-Interop. The draft roadmap from the workshop is due December 2008.



Grid-Interop '08 Planning

The Call for Papers will be sent out on Monday, July 14. The Grid-Interop planning committee has been holding weekly teleconferences. FERC Commissioner Suedeen Kelly was invited to speak at the event. NARUC Commissioner Fred Butler has accepted the invitation to speak. A utility representative, potentially from Excel, is being pursued. Stephanie Hamilton suggested a speaker from Southern California Edison (SCE). Bill Parks was suggested to speak on sustainability. Peter Kelly-Detwiler, who speaks often about sustainability, was also recommended.

Action Items:

- Ruth Taylor is to send out the Call for Papers for Grid-Interop '08 (due 14 July 08)

Outreach & Liaison Reports

FERC – Rahim Amerkhalil: Following the establishment of the Smart Grid Collaborative, internal education efforts for staff are underway.

Illinois Smart Grid Initiative – Lynne Kiesling: This initiative is funded by the Galvin Initiative, and Lynne is one of the project team leaders. It is an educational outreach to make stakeholders aware of the smart grid benefits. They are hosting two workshops to gain the perspective of consumers with 45 participants from an Interoperability Working Group. In October, a Business Working Group will take the findings from the former workshops, and produce a policy document that can be given to regulatory policy makers. Lynne requested GWAC participation during the October meeting.

Lynne has discussed requirements and specification tools with Illinois Commissioner Sherman Elliott. Erich Gunther and Richard Schomberg were at a meeting at SCE recently looking at gaps in use cases. Richard will forward the use-case methodology policy document to Lynne.

Summary of New Action Items

Item	Owner	Due Date
Check on the application process for internet access at NIST and distribute a matrix to indicate which Council members are expected each day of the August meetings.	Kuykendall	18 July 08
Coordinate logistics for upcoming meetings with council members.	Kuykendall	ongoing

Send out the Call for Papers for Grid-Interop '08	Taylor	14 July 08