GridWise Architecture Council Meeting
Web-Meeting, hosted by PNNL, Richland, Washington
April 21 & 24, 2006

Meeting Minutes

Prepared 26 April 2006

The meeting was held from 10:00am to 12 noon Pacific Time and led by Rik Drummond, GWAC Chairperson. An earlier meeting was held on 21 April from 8 am to 10 am Pacific. The following individuals were present:

Architecture Council Members

Ron Ambrosio, IBM T.J. Watson Research Center (4/21 and 26)

Jay Britton, AREVA-T&D Corporation

Rik Drummond, Drummond Group Inc.

Erich Gunther, EnerNex Corporation (4/21/06)

Stephanie Hamilton, Southern California Edison

Larsh Johnson, eMeter Corporation

Lynne Kiesling, Northwestern Univ. & IFREE

Wade Troxell, Colorado State University (4/21/06)

Don Watkins, Bonneville Power Administration

Eric Wong, Cummins Inc.

Architecture Council Support

Steve Widergren, PNNL (4/21 and 26)

Mia Paget, PNNL (4/21 and 26)

Guests

Anto Budiardjo, Clasma, Inc.

Not Present

Albert Esser, Emerson Network Power

David Cohen, Infotility

Jack McGowan, Energy Controls, Inc.

Proprietary Information Notice

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

Review and Approve 9-10 March 2006 Meeting Minutes

The minutes for the March 9-10, 2006 meeting were approved with no dissentions.

GridWise Expo

The GridWise Expo (www.gridwiseexpo.com) will be co-located with the BuilConn and M2M events at Palm Springs, May 16-18, 2006. Anto Budiardjo expects a total of 500 to 600 participants at the combined events. Jack McGowan, Lynne Kiesling, and Rik Drummond are among the session moderators, and several GWAC members will be panelists. We need to arrange for the naming of a couple organizations in recognition of their interoperability efforts related to the GridWise vision. Erich Gunther is working on the criteria for recognition.

Action items: Steve Widergren is to follow-up with Steve Hauser regarding a letter of support from Secretary of Energy Bodman. Session moderators and GWAC panelists are to coordinate to avoid overlap of topics during sessions. Mia Paget is to follow-up on the possible organization of a "Birds of a Feather – Interoperability" networking/discussion session, possibly to be held during the evening reception on 5/17.

Call for Candidates 2006 Status

The call for candidates was extended through April 17 and is now closed. We have received 8 submitted, complete candidacies (with possibly one or two more expected 4/21/06). The Nominations Committee, including Ron Ambrosio, Don Watkins, Paul Wang, Gilbert Bindewald, and Steve Widergren, will convene with the goal of proposing nominees for confirmation by the GWAC as soon as possible, such that the new members may be able to attend the June GWAC meeting.

The nominations committee may make the decision to leave one seat open at this time if a given industry sector or area of desired expertise is not adequately represented among the current candidates.

Action item: Steve Widergren is to convene the Nominations Committee.

CAISO/CEC/PIER/GWAC Research Project

In response to the suggestions made by CEC Chair, Joe Desmond, during the March 8 meeting, two brainstorming sessions were held resulting in a short concept memo assembled by Lynne Kiesling introducing the nature of a potential research project.

Action item: Eric Wong will take the lead in presenting these concepts to Jim Detmers at California ISO and to key contacts at CEC-PIER, assisted by Don Watkins, Lynne Kiesling, Stephanie Hamilton, Erich Gunther, and Ron Ambrosio.

Identification and Naming

The Identification and Naming Task Force currently includes Drummond, Ambrosio, Britton, Gunther, Widergren, Bosquet, Stoddard. Marty Stoddard and Mia Paget assembled ideas for discussion, suggesting a layered, conceptual approach to describing the issues.

Action item: task force members are to identify key issues within identification and naming.

Interoperability Context Setting/Framework

The Interoperability Context Setting/Framework Task Force currently includes Ron Ambrosio, Rik Drummond, Dave Cohen, Don Watkins, and Steve Widergren.

Action item: Steve Widergren is to convene this task force.

Break Out Group Activities

The break-out groups from the GridWise Constitutional Convention are being reconvened as followed:

- Governance group: conference call was held on April 5, 2006, led by Don Watkins. Notes from this call were sent to breakout group delegates and are posted on SharePoint.
    - o GWCC Delegates (break-out group members) are optimally placed to be 'ambassadors' or 'disciples', spreading the word about the Interoperability Constitution, and contributing their own presentation elements and talking points on the subject to the GWAC.
    - o 'Ambassadors' will need basic slides defining the value proposition and introducing the GridWise Interoperability Constitution.
    - o A face-to-face plenary-style break-out session should be held before each face-to-face GWAC meeting.
    - o Coordination across break-out groups and with the GridWise Alliance is necessary.
- Policy group: Lynne Kiesling has assembled elements for the value proposition and is awaiting input from Alison Silverstein.
- Business and Industry Models group: Jack McGowan will lead a meeting/call (with participants present at the Niagara Summit and with conference call participants) on May 2, 1:30pm Pacific.
- Technologies group: Ron Ambrosio and Erich Gunther have tentatively scheduled a reconvening call for May 5.

Rik Drummond will spearhead the coordination of the break-out groups, to establish an overall strategy for the break-out groups, organize and coordinate actions, and work with the GridWise Alliance. A publicly accessible SharePoint site has been initiated for the break-out groups.

Erich Gunther has suggested that a 'task wish list' be initiated for coordination and suggestions for GWAC members and industry stakeholders that would like to move forward on specific actions.

Action item: Rik Drummond is to convene break-out group leaders for coordination and strategizing. Break-out group leaders are to continue with convening groups, establishing initial game plans, and pursuing key actions.

Outreach Activities

An Outreach Status Report is currently being prepared to include what outreach actions have been done, what is coming up that GWAC members are engaged in, what opportunities are in need of a GWAC participant, and whether we are maintaining a balance of outreach to different sectors. A strategy for outreach to academic communities is also needed.

Recent and upcoming outreach activities include:

- Rik Drummond presented the GWAC to Kevin Kolevar and others at the DOE, high-lighting the significant progress made thus far by the GWAC and the need for continued funding.

- Rik Drummond and Steve Widergren met with Kurt Yeager of the Galvin Initiative, presenting GridWise and the GWAC and discussing potential areas of interaction with the Galvin Initiative.

- Stephanie Hamilton will be presenting the paper "Interoperability - a Key Element for the Grid and DER of the Future" at the IEEE T & D conference in Dallas.

- Steve Widergren will be presenting a GridWise related agent-based simulation paper at the IEEE PES General Meeting and will tie in the GWAC.

- Jack McGowan will be speaking at the Niagara Summit and has been given a booth. Two posters presenting the GWAC and the Constitution have been prepared for the booth and will be available for subsequent events.

- Erich Gunther is at the Metering America Conference in Atlanta.

- Vito Stagliano has invited a GWAC member to speak at the Transmission Forum in Washington DC in July. Lynne Kiesling may be able to participate in this.

- Following a suggestion from Joe Desmond, Rik Drummond and Eric Wong are pursuing the possibility of meeting with commissioners of the California PUC, to introduce them to the GWAC efforts.

Action item: Steve Widergren and Mia Paget are to send elements to Stephanie Hamilton for her presentation at the IEEE T & D conference. Eric Wong is to try to schedule a meeting with CPUC commissioners to introduce them to the GWAC efforts.

June 8-9 GWAC Meeting: Knoxville

Preliminary topics for the June 8-9 meeting in Knoxville are posted on SharePoint (within the meeting slides for 4/21/06). Erich Gunther of EnerNex is assisting with local logistics, hosting, and inviting speakers for this meeting.

Action Item: Members are to review the preliminary meeting agenda topics. Mia Paget to see if Steve Pullins can make a presentation on the Grid Modernization program run by NETL.

Upcoming GWAC Plenary Meetings

- June 8-9, 2006, Knoxville TN

- July 28, 2006, 8:00-10:00 am Pacific, online meeting

- September 6-7, 2006, Santa Fe, NM

- October 20, 2006, 8:00-10:00 am Pacific, online meeting

- December 6-7 or 7-8, 2006, tentatively co-located with International Conference on Distributed Resource Integration, Napa Valley,CA

New Action Items:

#	Item	Owner	Due Date
184.	Follow-up with Steve Hauser regarding a letter of support from Secretary of Energy Bodman.	Widergren	27 Apr 06
185.	Session moderators and GWAC panelists are to coordinate to avoid overlap of topics during sessions.	Drummond Kiesling McGowan	1 May 06
186.	Follow-up on the possible organization of a "Birds of a Feather – Interoperability" networking/discussion session, possibly to be held during the evening reception on 5/17.	Paget	28 Apr 06
187.	Convene the Nominations Committee.	Widergren	5 May 06
188.	Presenting CAISO/CEC/PIER/GWAC research project concepts to Jim Detmers at California ISO and to key contacts at CEC-PIER.	Wong	19 May 06
189.	Identify key issues within identification and naming.	Widergren Paget	12 May 06
190.	Convene this interoperability context setting/framework task force.	Widergren	12 May 06
191.	Convene break-out group leaders for coordination and strategizing.	Drummond	5 May 06
192.	Break-out group leaders are to continue with convening groups, establishing initial game plans, and pursuing key actions.	Ambrosio Kiesling McGowan Watkins	12 May 06
193.	Review the preliminary meeting topics for Knoxville, June 8-9.	Members	5 May 06
194.	Send elements to Stephanie Hamilton for her presentation at the IEEE T & D conference.	Widergren Paget	1 May 06
195.	Schedule a meeting with CPUC commissioners to introduce them to the GWAC efforts.	Wong Drummond	30 June 06