

Meeting Minutes

August 20, 2015

Members

Ron Bernstein, Ron Bernstein Consulting Group, LLC
Gerald Gray, Electric Power Research Institute (EPRI)
David Forfia, Electric Reliability Council of Texas (ERCOT)
Mark Kerbel, REGEN Energy Inc.
Mark Knight, CGI
Stephen Knapp, Power Generation Services, Inc.
James Mater, Quality Logic
Tom Sloan, Kansas State Legislator
Ken Wacks, consultant to Sensus Metering Systems Inc.
Carl Zichella, Natural Resources Defense Council

Members Not Present

Ron Ambrosio, IBM T.J. Watson Research Center
Doug Houseman, EnerNex
Heather Sanders, CA-ISO

Support – Pacific Northwest National Laboratory (PNNL)

Sherry Kowalski, PNNL
Don Hammerstrom, PNNL
Juliet Homer, PNNL
Ron Melton, PNNL
Abhishek Somani, PNNL

Administrative

Welcome and Administrative Business

Ron Melton, GWAC Administrator

David Forfia called the meeting to order at 10:06 AM.

Ron Melton reviewed the agenda and read the proprietary information disclosure policy according to the bylaws to the GWAC members and guests.

Review of Action Items

Ron Melton, GWAC Administrator

- GWAC Coordinator to send out Doodle Poll to identify a better time for upcoming GWAC web meeting

- Project team and committee are to develop the agenda for the September GWAC meeting and workshop
- David Forfia is to extend invitations to the September GWAC workshop to local stakeholders
- Ron Melton and David Forfia are to identify possible invitees for the September GWAC workshop
- Ron Melton and David Forfia to get clarification on the Grid 3.0 GWAC assignment and timeline
- David Forfia to investigate the possibility of coordination with SGIP's November Meeting
- Doug Houseman is to send out a Doodle Poll for the Emergency Response Work Group to find a good date to reengage the group / meetings
- Doug Houseman and Eric Gunther to continue to work on the effort to have the Interoperability Context Setting Framework as an IEEE technical document
- Review and prioritize the list of possible affiliations for the Transactive Energy Conference
- Ron Melton and Carl Zichella to gather research documentation for the TE Decision Maker's Checklist
- Draft TE Decision Maker's Checklist
- Start TEC 2016 committees and further discuss the conference name.

Calendar Review

GWAC 2015 Web Meetings: A poll has been sent to the Council member to determine a better date and time to conduct future web meetings.

GWAC Face-to-Face Meetings:

- September 29-30, 2015: Meeting & Workshop, Taylor Texas
- November 5, 2015: A meeting is being planned in conjunction with the SGIP November meeting on November 5th, from 12:30 to 5:00 in Melpomene Room, 2nd Floor of the Intercontinental Hotel. Discussion continued regarding possible content for the meeting. Ron Melton suggested a review of the draft Decisional Maker's Checklist be discussed, Ken Wacks suggested GWAC outreach, and James Mater suggested a panel discussion on transactive energy to promote interest in the 2016 GWAC Transactive Energy Conference. A working group was formed that includes Ron Melton, David Forfia, Ken Wacks and Stephen Knapp to develop the meeting program.

David Forfia took an action to view and coordinate the schedule for possible overlaps. Ken Wacks reported that the SGIP Technical Committee requested the Home-to-Grid Domain Expert Working Group and the Building-to-Grid Domain Expert Working Group explore cooperation and a possible merger. Ron Melton requested that the Transactive Energy Coordinating Group not overlap the GWAC timeslot.

GWAC Events:

- Transactive Energy Challenge Kickoff: Sept. 10 – 11, 2015 at NIST
- F2F Meeting - Transactive Systems Valuation: September 29 – 30, 2015 at ERCOT in Taylor, TX
- Grid 3.0 Grid Architecture Workshop (invitation only) at PNNL, 2 days during week of October 19, 2015
- May 17 - 19, 2016: 3rd Transactive Energy Conference, World Trade Center, Portland Oregon

GWAC Associate Nominations

Nominations were received in July for GWAC Associates. GWAC Associates are individuals who work closely with the Council and actively participate in Council meetings and initiatives.

The privileges of GWAC Associates are:

- Listing as a GWAC Associate on the Council's web site
- Allowed to cite their association with the Council
- May speak on behalf of the Council with advance notice to and concurrence of the GWAC Administrator

Ron Melton reviewed the nominations and determined that they all met the criteria outlined in the GWAC By-laws and sent an email to the Council to vote on the nominees. Nine votes were received in favor of accepting the proposed nominations. Ron Melton will contact the nominees to welcome them to the Council as Associate Members and will send out a press release announcing the named new Associates.

Conference and Event Planning

September GWAC Meeting and Workshop Planning

The fall face-to-face meeting and workshop is planned for September 29-30, 2015, and will be hosted by ERCOT in Taylor, Texas. Taylor is approximately 40 miles from Austin's airport. Expected attendance is approximately 50 participants, so seats will be limited. PointView will be used to manage the conference.

Sherry Kowalski has arranged for a hotel room block at the Springhill Suites in Round Rock for the Council members and Pacific Northwest National Laboratory Staff. ERCOT has a number of hotels that accept a corporate rate.

The face-to-face meeting will contain an update and short discussion of the Transactive Energy Decision Maker's Checklist. The workshop portion of the meeting will focus on the valuation of transactive energy systems. Committee volunteers Gordon Matthews, Ken Wacks, Mark Knight,

and Stephen Knapp have been meeting along with Juliet Homer from PNNL to develop a draft agenda and to address program details.

Grid-3.0 Architecture Workshop

The GridWise Architecture Council and Pacific Northwest National Laboratory are holding a two-day workshop on Grid Architecture the week of October 19. The purpose of the workshop is to provide a set of conceptual architecture models across the architecture domains which can be made available to any electric sector stakeholder as a starting point for sustainable businesses and processes. The issues that the workshop will be addressing are as follows:

- Lack of a policy and regulatory framework to develop workable architectures within
- Lack of broad stakeholder understanding of the discipline of architecture, why it is needed, and how it is used
- Lack of a business case framework for developing architecture
- No clear repository for architectural artifacts, templates, data objects, and supporting documents
- Limited collaborative development of broadly available architectural models and documentation
- Existing industry architectures tend to focus on automation and data aspects rather than the broader overall industry needs

Below is a draft of the meeting agenda.

- Refine the future state and issues
- Identify ongoing work that addresses the future state and issues
- Identify gaps - that is, issues that are not currently being addressed
- Prioritize the gaps
- Develop high level action plans for the prioritized gaps
- Identify the appropriate organization(s) for each action plan

Technical and Policy

Transactive Energy Decision Maker's Checklist

Ron Melton, GWAC Administrator, Mark Knight, GWAC Member

- Work continues; working meeting is scheduled for Ron Melton and Mark Knight to finalize the initial draft
- Using OATI workshop material to create two main sections
 - Focus on overview plus business/operational objectives
 - Questions organized around categorizations in the TE Framework
- Potential to evolve into a transactive energy maturity model
- LBNL

Updates

ISO/IEC

Ken Wacks provided an update on moving the GWAC Interoperability Framework to an ISO / IEC report. Voting on the new work item ends on August 27, 2015. Ken Wacks has sent out several solicitation letters to international colleagues for support on the work proposal. Ken Wacks urged the Council to reach out to their international colleagues for support.

NIST Grid 3.0

Gerald Gray was asked to turn his presentation titled “Grid 3.0 Commandments” in to a whitepaper. The writing of his work has been completed, the document is out for graphics and will be made public within the next couple of weeks.

Action Items Review

- Ron Melton, Ken Wacks, David Forfia, Stephan Knapp to coordinate on GWAC / SGIP agenda
- Sherry Kowalski to send out updated hotel government rate letters to Council
- Doug Houseman to continue work on the GWAC Mutual Assistance / Emergency Response working group
- Ron Ambrosio to continue to work on the GWAC Interoperability Context Setting Framework as an ISO/IEC Standard effort
- David Forfia to review and coordinate the SGIP Fall Meeting schedule for possible overlaps with the Council’s activities
- Ron Melton will contact the nominees to welcome them to the Council as Associate Members and will send out a press release announcing the named new Associates

Adjourn

Mark Knight moved to adjourn the meeting, Stephen Knapp seconded the motion and the meeting adjourned at 11:01 AM.