

Meeting Minutes October 23, 2013

Members

Ron Ambrosio, IBM T.J. Watson Research Center
David Forfia, Electric Reliability Council of Texas (ERCOT)
Jeff Gooding, California Edison
Erich Gunther, EnerNex Corporation
Mark Knight, CGI
Tracy Markie, Engenuity
James Mater, Quality Logic
Tom Sloan, Kansas State Legislator
Jeff Taft, Cisco
Ken Wacks, consultant to Sensus Metering Systems Inc.

Support – Pacific Northwest National Laboratory (PNNL)

Sherry Kowalski, PNNL

Ron Melton, PNNL
Abhishek Somani, PNNL
Andrew Steckley, PNNL

Speakers and Guests

Ed Cazalet, TeMix

Members Emeritus

Members – not present

Ward Camp, Landis + Gyr
Paul De Martini, Newport Consulting
Alex Levinson, Lockheed Martin

Welcome and Administrative Business

Ron Melton, GWAC Administrator

Ron Melton called the meeting to order at 10:00 AM.

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

The meeting minutes from the September 18 web meeting were distributed to the Council by email for review and feedback. Thomas Sloan moved to accept the minutes as presented, Erich Gunther seconded the motion and the minutes were approved.

Ron Melton reviewed the calendar for the GWAC meetings and the upcoming outreach dates.

GWAC Web Meetings:

- November 13, 2013
- January 22, 2014

Due to a conflict with the ASHRAE conference, the January web meeting was moved to January 15, 2014

GWAC Face-to-Face Meetings:

- December 11-13, 2013
 - December 11-12 Rose Center in Westminster, CA
 - December 13 – Southern California Edison Office, Westminster, CA

Review of Action Items

Ron Melton, GWAC Chairman

Ron Melton reviewed the action items from the September 18 web meeting.

- Open Items:
 - Ron Melton and Mark Knight are to continue work on SGIP MOU
 - Decide on Transactive Energy Conference Dates – Set-up committee calls
 - Erich Gunther and Doug Houseman to continue the work on the GWAC Stack as a standard
 - Follow up with GreenTech Media about getting a track on transactive energy (De Martini?)
- Completed items:
 - James Mater to discuss the new date of the GWAC Transactive Energy conference at the September 19 Smart Grid Oregon meeting and report back to the council. James Mater reported that Portland General Electric has committed to providing space for the conference.
 - Sherry Kowalski to expand the smart grid event list and circulate to the council for input
 - Ron Melton to circulate the finalized EnergyBiz article
 - Ron Melton to follow-up with Phil Jones about upcoming NARUC meeting set for November 17-20, in Orlando, FL
 - GWAC members with expiring membership dates are to contact Ron Melton by email and declare their membership intent

Call for Candidates

Ron Melton, GWAC Administrator

Ron Melton reviewed the call for candidates' process and status. Seven Council memberships are scheduled to expire December 2013.

- Mark Knight
- Ron Ambrosio
- Paul De Martini
- Erich Gunther
- Alexander Levinson
- Thomas Sloan
- Kenneth Wacks

Mark Knight, Ron Ambrosio, Tom Sloan and Kenneth Wacks have indicated their desire to continue membership. Paul De Martini, Erich Gunther and Alexander Levinson will transition to emeritus status.

The GridWise Architecture Council By-laws call for a minimum of 20% turnover, which means that at least 2 new members will be selected for this cycle. A selection committee will be created and will consist of:

- Chris Irwin – DOE Representation
- Gerald FitzPatrick – Outside representation
- Two GWAC members not up for renewal
 - Jeff Taft
 - Track Markie

The council reviewed and approved the following proposed schedule:

- Ron Melton is finalizing the list of proposed attributes for potential candidates. Open call for candidates: November 1
- Application period closes: December 15
- Nomination selection period: 12/15/2013 – 12/31/2013
- Slate selected: 1/2/2014 – 1/18/2014
- Slate submitted for confirmation at GWAC January 15 web meeting

Conference and Event Planning

Ron Melton, GWAC Administrator

SGIP

A Transactive Energy Track is planned for the SGIP conference. There are two components of the track. First, the panel session is to roll out and socialize the Transactive Energy Framework to Smart Grid Interoperability Panel (SGIP) and the conference participants; and secondly, the breakout sessions will discuss specific topics with the Transactive Energy Framework such as policy and regulation, business models and value creation, and transactive energy architecture and cyber physical systems.

The Council was polled and the following members will be attending the SGIP conference:

- Ron Ambrosio
- Ward Camp
- David Forfia
- James Mater
- Ken Wacks

Ron Melton proposed the following session leaders/presenters:

- Plenary session – Introduce the TEF:

- Ward Camp
- Ron Ambrosio
- Erich Gunther
- Ken Wacks

- Breakout 1: Policy and Regulation:
 - Ward Camp
 - David Forfia

- Breakout 2: Business Models and Value Creation:
 - Ron Ambrosio
 - James Mater

- Breakout 3: Architecture / Cyber-Physical:
 - Ron Ambrosio
 - Erich Gunther

Other Council member activities and meetings at SGIP include:

- Ken Wacks is conducting a Grid to Home Domain Working Group meeting on Monday, November 4.
- Ron Ambrosio at the SGAC Architecture Committee has created a Transactive Working Party and the first meeting is going to be on Monday, November 4 from 5:30 – 7:00 PM. Ron Ambrosio is arranging the venue and will provide the details.
- Business and Policy Domain Expert Working Group is meeting on Monday, November 4.

Transactive Energy Conference 2014

Ron Melton, GWAC Administrator

A tentative time to hold the 2014 Transactive Energy Conference was set for the week of April 28, 2014, but due to the previous GreenTech Media event there is a concern of conference fatigue. Discussion continued regarding the timing of the event and the time needed to prepare and execute another successful event. The Council determined that it would be beneficial to reinvigorate the December time slot originally held by the council and push back the 2014 Transactive Energy Conference to early December of 2014.

James Mater discussed the date change with Smart Grid Oregon at their last board meeting and reported that they are committed to the new December date.

The new proposed dates for the 2nd International Energy Conference range from December 9-12, 2014. Discussion continued and it was decided that the conference should be held on December 9-10, and the GWAC meeting following day, December 11, 2014. The meeting will be held in Portland, Oregon.

Power Industry Transformation Summit

Ron Melton, GWAC Administrator

Ron Melton was contacted by InfoCast about an event they are organizing called the Power Industry Transformation Summit. The event is scheduled for April 1 – 3, 2014, in the San Francisco bay area. The goal is to bring together communities who don't normally interact on the topic of Distributed Energy Resources (DER) integration.

InfoCast contacted both Ron Melton and Ed Cazalet and asked for help in putting together a session on Transactive Energy. Ron Melton suggested that this would be a good opportunity to socialize the Transactive Energy Framework Document.

NARUC Meeting

Ron Melton, GWAC Administrator

Ron Melton was invited to participate as a panelist covering Transactive Energy on November 17. Other panelists include Patty Durand of the Smart Grid Consumer Collaborative and she will be discussing the new study on Smart Grid Environment & Economic Benefits. There will also be a panelist from Navigant to talk about Cloud Energy.

Peak Load Management Alliance (PLMA) Meeting

Ron Melton, GWAC Administrator

James Mater is preparing for the Peak Load Management Alliance and asked for feedback on his presentation.

GWAC December Face-to-Face Planning

Ron Melton, GWAC Administrator

The GWAC administrative staff held a meeting with Southern California Edison to discuss the logistics of the December face-to-face meeting. The meeting dates are set for December 10-12. December 10 and 11 will be a workshop that will run full days, focusing on transactive energy use cases and related discussion.

The workshop will be limited to 50 people and an evening reception immediately following will be hosted by the Resnick Institute on the evening of December 10.

On December 12, a meeting will be held from 8:00 AM to 12:00 PM for Council members focusing on administrative business at the Southern California Edison Advance Technology Lab.

A hotel block has been reserved at the Hyatt Regency Huntington Beach Resort and Spa. Sherry Kowalski will send the details out to the Council after today's web meeting.

Ron Melton discussed the meeting focus, agenda and template. The template to be used was the same template used in creating the Transactive Energy Framework case studies. Presenters will be asked to discuss their project using the attributes defined in the Transactive Energy Framework, fleshed out for their particular approach to transactive energy by using the workshop template.

Discussion continued on potential speakers and attendees.

Ron Melton asked that each Council member personally invite one or two workshop participants.

Outreach Opportunities

Below is a list of smart grid-related meetings and conferences and prioritize for outreach opportunities and GWAC meeting coordination and scheduling.

10/21/2013 – 10/24/2013	IEEE International Conference on Smart Grid Communications (SmartGridComm)	Atlanta, GA
10/29/2013 to 10/30/2013	14th PLMA Fall Conference: The Practice of Demand Response: Views from the Real World	Atlanta, GA
11/5/2013 – 11/7/2013	Smart Grid Interoperability Panel Conference	Palm Beach Gardens, FL
11/14/2013?	Regulatory Consumer Discussion Summit	Robert J. Dole Institute on the Kansas University West Campus
11/17/2013 – 11/20/2013	NARUC 125 th Annual Meeting	Orlando, FL
11/19/2013	CABA's Intelligent Buildings & Digital Home Forum	Philadelphia, PA
01/21/2014 – 01/23/2014	AHR Expo	New York, NY
01/28/2014 – 01/30/2014	DistribuTECH 2014	San Antonio, TX
02/9/2014 – 02/19/2014	2014 NARUC Winter Committee Meeting	Washington, DC
02/17/2014 – 02/19/2014	Smart Energy Summit	Austin, TX
2/24/2013 – 02/27/2013	2013 IEEE PES Innovative Smart Grid Technologies (ISGT)	Washington, D.C.
3/3/2013 – 3/6/2013	TechAdvantage Conference and Expo	Nashville, TN
03/30/2014 – 04/1/2014	American Council for an Energy Efficient Economy (ACEEE) 2014 National Symposium on Market Transformation	Baltimore, MD
04/02/2014 – 04/04/2014	IEEE GreenTECH 2014	Corpus Christi, TX
05/11/2014 – 05/13/2014	American Council for an Energy Efficient Economy (ACEEE) Energy Efficiency Finance Forum	Washington, DC
08/17/2014 – 08/22/2014	American Council for an Energy Efficient Economy (ACEEE) Energy Efficiency Finance Forum	Pacific Grove, CA

Transactive Energy Framework

Ron Melton, GWAC Administrator

A logo has been created for the Transactive Energy Framework document.

Ron Melton asked for input on the substance of the text. Comments have been received comments from Mark Knight, Ken Wacks, James Mater, Tom Sloan, Ward Camp and Jeff Taft.

Additional input is needed from:

- Ron Ambrosio – Section 4.3 text to go with figures
- Jeff Taft – Section 2 context for control system evolution
- Paul De Martini – Comments on section 2 and 4.1 and 4.2 needed

Discussion continued on the framework draft. Ken Wacks suggested that we tighten up the tiered nature of the document. Mark Knight suggested that the Council follow-up with a three page document following the release of the Transactive Energy Framework. Jeff Gooding wanted to identify triggering points that would be the drivers for a utility to move in this direction. Ron Ambrosio pointed out that this could be done in a manner similar to the Interoperability Context Setting Framework.

Action Items Review

- Sherry Kowalski to expand the smart grid event list and circulate to the council for input.
- Council members are to personally invite one or two potential participants to the December Transactive Energy workshop.
- Council to submit the names of a strong candidate for GWAC membership to Ron Melton.

Adjourn

Ron Ambrosio moved to adjourn the meeting, Erich Gunther seconded the motion and the meeting adjourned at 11:50 AM.