Meeting Minutes
November 13, 2013

Members

Ron Ambrosio, IBM T.J. Watson Research Center
Ward Camp, Landis + Gyr Paul De Martini,
Newport Consulting
David Forfia, Electric Reliability Council of Texas
(ERCOT)
Erich Gunther, EnerNex Corporation
Mark Knight, CGI
Alex Levinson, Lockheed Martin
Tracy Markie, Engenuity
James Mater, Quality Logic
Jeff Taft, Cisco
Ken Wacks, consultant to Sensus Metering
Systems Inc.

Associate

Doug Houseman, EnerNex

Support – Pacific Northwest National Laboratory (PNNL)

Sherry Kowalski, PNNL
Ron Melton, PNNL

Speakers and Guests

Ed Cazalet, TeMix
Larry Lackey
Leonard Tillman

Members – not present

Jeff Gooding, California Edison
Tom Sloan, Kansas State Legislator

Welcome and Administrative Business

Ron Melton, GWAC Administrator

Ron Melton called the meeting to order at 10:04 AM.

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

The meeting minutes from the October 23 web meeting were distributed to the Council by email for review and feedback. Erich Gunther moved to accept the minutes as presented, David Forfia 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:
- January 15, 10:00 AM to 12:00 PM
- February 13, 10:00 AM to 12:00 PM
- April 9, 10:00 AM to 12:00 PM

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
    - March 12-13, 2014 – Venue to be determined

Outreach Opportunities

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

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 125th 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
02/24/2014 – 02/27/2014	2013 IEEE PES Innovative Smart Grid Technologies (ISGT)	Washington, DC
03/3/2014 – 03/6/2014	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

Farrokh Rahim invited Ron Melton and Paul De Martini to be on a panel at the July IEEE General Meeting.

Review of Action Items

Ron Melton, GWAC Chairman

Ron Melton reviewed the action items from previous meeting.

- o Ron Melton and Mark Knight are to continue work on SGIP MOU
- o Erich Gunther and Doug Houseman to continue the work on the GWAC Stack as a standard
- o Sherry Kowalski expanded the smart grid event list and circulated to the council for use and input.
- o Council members personally invited one or two potential participants to the December Transactive Energy workshop.
- o Council members were asked to submit the names of strong candidates for GWAC membership to Ron Melton.

Call for Candidates

Ron Melton, GWAC Administrator

Ron Melton reviewed the call for candidates' process and status.

- Ron Melton has polled all members with expiring terms
  - o Seven Council memberships are scheduled to expire December 2013
    - ▪ Mark Knight
    - ▪ Ron Ambrosio
    - ▪ Paul De Martini
    - ▪ Erich Gunther
    - ▪ Alexander Levinson
    - ▪ Thomas Sloan
    - ▪ Kenneth Wacks
  - o 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.
- Ron Melton completed the list of desired attributes for potential candidates and opened the call for candidates on November 1
- Next steps include:
  - o Close the call-for-candidates application process on December 15
  - o The selected nomination committee to review and select a proposed slate 12/15/2013 – 01/18/2014

- o 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
        - o Jeff Taft
        - o Track Markie
- o Slate to be submitted for confirmation at GWAC January 15 web meeting

Chair Nominations

Ron Melton, GWAC Administrator

Ron Melton asked the Council members to submit GWAC chairman nomination by email to Ron Melton and Sherry Kowalski by December 6, 2013. Ron reminded the Council that self-nominations are allowed. The voting process depends on the number of nominees, and the process will be described with the email when votes are requested.

Erich Gunther and Ron Ambrosio nominated Mark Knight for Chairman.

Conference and Event Planning

Ron Melton, GWAC Administrator

NARUC Meeting

Ron Melton was invited to participate as a panelist covering Transactive Energy November 17, 2013. Another panelist will be Patty Durand of the SmartGrid Consumer Collaborative, and she will be discussing the new Smart Grid Environmental and Economic Benefits Study. A presenter from Navigant discussing Cloud Energy will attend as well.

Power Industry Transformation Summit

InfoCast is organizing a Power Industry Transformation Summit on April 1 – 3, 2014 in the Bay area. The goal for the summit is to bring together communities who don't normally interact on the topic of demand energy response. InfoCast contacted Ron Melton and Ed Cazalet and asked for assistance in creating a track on transactive energy. Discussion continued and it was determined that this would be a good venue to socialize the GWAC Transactive Energy Framework. Ron Melton asked for volunteer GWAC members to take the lead on this event.

GWAC March Face-to-Face Planning

John McDonald from General Electric approached Ron Melton at the November SGIP conference and offered to host a meeting in Atlanta in 2014. Ron Ambrosio offered the IBM meeting space in New York and Ward Camp offered Landis+Gyr in Atlanta. Discussion continued on what regions would be best to evangelize the takeaways from the framework. Paul De Martini

recommended Texas and the northeast region of the US.   David Forfia agreed to contact Sue Convino regarding the possibility to host the March 2014 GWAC meeting at PJM facility.

GWAC December Face-to-Face Planning

The GWAC Transactive Energy Framework Workshop and face-to-face meeting will be held December 10-11, 2013 at the Rose Center in Westminster, CA. The workshop will be limited to 50 people and an evening reception immediately following will be hosted by Southern California Edison. 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.

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.

Peak Load Management Alliance (PLMA) Conference

James Mater reported that the overall presentation went well and two participants from the PLMA conference will be attending the GWAC workshop in December.

SGIP Conference

Ron Melton reported that there were four sessions at the SGIP conference that were GWAC or related to transactive energy:

- o Home to Grid Domain Expert Working Group (H2G DEWG) Meeting. Ken Wacks reported the group completed work on an important paper called *The Broadcast Communications for Energy Management.*

- o Ron Melton and Ward Camp participated in the Business and Policy Domain Expert Domain Working Group (BnP DEWG) Meeting

- o Ron Ambrosio led the kick-off meeting for Smart Grid Architecture Committee Transactive Energy (SGAC TE) working party

- o Stephan Amsbary led the NIST Roadmap 3.0 Architecture Meeting that did not specifically speak on transactive energy but more on the general architecture considerations

Transactive Energy Conference 2014

The new dates for the 2nd International Energy Conference range from December 10-11, 2014. Discussion continued on the possibility of linking a GWAC face-to-face meeting the day prior, December 9, 2014. The meeting will be held at the World Trade Center in Portland, Oregon.

Sherry Kowalski to schedule a planning meeting with James Mater, Ron Melton, Kelly Cowan and Roger Hicks after the holidays.

Transactive Energy Framework

Ron Melton, GWAC Administrator

Ron Melton thanked the GWAC members that participated in the GWAC Transactive Energy Framework draft roll-out at the SGIP meeting. Ward Camp, Ron Ambrosio, Erich Gunther and Ken Wacks participated in the plenary session to introduce the Transactive Energy Framework. Following the plenary session there were three breakout sessions:
   o   Breakout Session 1: Policy and Regulation was led by Ward Camp and David Forfia
   o   Breakout Session 2: Business Models and Value Creation was led by Ron Ambrosio and James Mater
   o   Breakout Session 3: Architecture/Cyber-Physical was led by Ron Ambrosio and Erich Gunther

On November 6, 2013 the Transactive Energy Framework was released, and over all, the framework has been well received and the Council has received good feedback and questions. The Transactive Energy Framework was posted to the GWAC website and the EnergyBiz article on the framework was published.

The Council needs to investigate the best avenues to gather the feedback and comments to enhance the framework.
   • Several comments have been posted on the Transactive Energy Association LinkedIn group discussion board
      o   Ron Melton stated that the Council is reading and listening to the comments posted
   • The Council needs to determine how to productively engage with the broader community to further the framework document

Two suggestions were possibly a FAQ section on the GWAC website and a formal comments form to collect feedback.

Action Items Review

   • David Forfia and Ron Ambrosio are to interact with Sue Convino and others at PJM to see about the possibility of PJM hosting the March GWAC Transactive Energy Workshop

   • Ron Melton to add Ali Ipackchi and Farrokh Rahimi to the TE Workshop Speakers list

   • Sherry Kowalski to schedule Transactive Energy Conference Planning Meetings

   • Council members are to send in nominations for GWAC Chairman via email by December 6, 2014.

Adjourn

Ron Ambrosio moved to adjourn the meeting, James Mater seconded the motion and the meeting adjourned at 11:32 AM.