

## Meeting Minutes September 18, 2013

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### Members

Ron Ambrosio, IBM T.J. Watson Research Center  
Mark Knight, CGI  
Tracy Markie, Engenuity  
James Mater, Quality Logic  
Jeff Taft, Cisco  
Ken Wacks, consultant to Sensus Metering Systems Inc.

Dave LeeVee  
Larry Lakey  
Ray Palmer  
Timothy Schoechele  
Dave Wollman

### Members Emeritus

Robert Burke  
Dave Hardin, EnerNOC, Inc.

### Support – Pacific Northwest National Laboratory (PNNL)

Sherry Kowalski, PNNL  
Ron Melton, PNNL  
Abhishek Somani, PNNL  
Andrew Steckley, PNNL  
Steve Widergren, PNNL

### Members – not present

Ward Camp, Landis + Gyr  
Paul De Martini, Newport Consulting  
David Forfia, Electric Reliability Council of Texas (ERCOT)  
Jeff Gooding, California Edison  
Erich Gunther, EnerNex Corporation  
Alex Levinson, Lockheed Martin  
Tom Sloan, Kansas State Legislator

### Speakers and Guests

Anto Budiardjo, Clasma Events, Inc.  
Neal Allen, Southern Company Services

## 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.

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

GWAC Web Meetings:

- October 23, 2013
- 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 (Southern California Edison)

## Review of Action Items

**Ron Melton, GWAC Chairman**

Ron Melton reviewed the action items from the August 27-28 face-to-face 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
  - Ron Melton to follow-up with Phil Jones about upcoming NARCU 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
  - Follow-up with GreenTech Media about getting a track on transactive energy as a possible alternative to doing another TEC conference next year (De Martini?)
- Completed items:
  - Sherry to set planning meeting with Paul De Martini and Jeff Goodman to discuss the December meeting venue
  - Mark Knight to send Doug Houseman DistribuTECH abstract. The abstract was submitted but GWAC was not selected for a panel.
  - EnergyBiz article due to Marty Rosenberg by mid-September

## Call for Candidates

**Mark Knight, GWAC Administrator**

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, Alexander Levinson, Tom Sloan and Kenneth Wacks have indicated their desire to continue membership. Paul De Martini and Erich Gunther 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 consist of:

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

Tracy Markie and James Mater volunteered to be chosen for the selection committee.

The council reviewed and approved the following proposed schedule:

- Poll members for expiring term: Immediately
- 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**

As discussed at the Council's August face-to-face meeting, GWAC would like to expand its presence at the SGIP meeting. With the help of Susan Hoyer, the Director of Technical Operations at SGIP, a two-hour Transactive Energy Track is planned for the SGIP conference. The focus of the panel session is to roll out and socialize the Transactive Energy Framework to Smart Grid Interoperability Panel (SGIP) and the conference participants. The panel will have breakout session that will run consecutively. 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 asked for members of the Council to volunteer to facilitate the breakout sessions. Ron Ambrosio volunteered for the session on that will focus on transactive energy architecture.

## 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 will discuss the Transactive Energy Conference time change with Smart Grid Oregon at their next board meeting and report back to the Council at the October web meeting.

## 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, hosted by the Resnick Institute, is planned for the evening of December 10.

December 12 will be held from 8:00 AM to 12:00 PM for a meeting for Council members focusing on administrative business.

After reviewing the proposed agenda, the Council decided that the number of use case presentations should be limited to 10-12 to allow for in-depth discussions.

## Regulatory Consumer Discussion Summit

### **Ron Melton, GWAC Administrator**

Tom Sloan encouraged GWAC members' participation at an upcoming meeting that he is organizing between Kansas utilities, customers, and the regulatory community.

## Outreach Opportunities

Ron Melton recommended that we compile a list of smart grid-related meetings and conferences and prioritize for outreach opportunities. The GWAC coordinator captured meetings discussed and will distribute the list to the Council for further development and discussion at the October GWAC web meeting.

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
11/17/2013 – 11/20/2013	NARUC 125th Annual Meeting	Orlando, FL
11/19/2013	CABA's Intelligent Buildings & Digital Home	Philadelphia, PA

	Forum	
01/21/2014 – 01/23/2014	AHR Expo	New York
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, Texas
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
	Regulatory Consumer Discussion Summit	

## CEA Meeting Debrief

### *Ron Melton, GWAC Administrator*

On Thursday, August 29, following the 2-day GWAC meeting, Ken Wacks, Mark Knight and Ron Melton met with Brian Markwalter, Senior Vice President of Research and Standards at the Consumer Electronics Association (CEA) to discuss transactive energy. Ken Wacks made a presentation on the GridWise Architecture Council, historical GWAC activities, key publications and the opened the discussion on transactive energy. Discussion continued on some of the challenges and safety issues in industry due to demand response penetration.

## CEA Meeting Debrief

### *Ron Melton, GWAC Administrator*

An article written by the Council and titled “Creating a Transactive Energy Framework” is currently at EnergyBiz for editing and will be published in the November 2013 issue of the magazine.

## Transactive Energy Framework

### *Ron Melton, GWAC Administrator*

The current framework status was reviewed by the council

- Executive summary is in a draft form due to the work the Council did on the EnergyBiz article
- Chapter 2 is in a draft and needs further refinement

- Chapter 3 is in a draft but needs resolution of the transaction energy definition and further refinement
- Chapter 4 is in process; below are the current writing assignments:
  - Paul De Martini is working on integrating sections 4.1 and 4.2
  - Jeff Taft is refining section 4.3
  - Doug Houseman is putting finishing touches on section 4.4
- Case Studies – Abhishek Somani has completed two case studies, however they may need rework when Transactive Energy definition is finalized

The Transaction definition and attributes draft definition is being worked on by section leads and will be circulated to the entire Council. Ron Melton asked the Council to review the definition and provide feedback as soon as possible. A meeting will be scheduled for 8:00 AM Friday, September 20 to discuss and finalize the definition.

The next steps to complete the Transactive Energy Framework draft were collectively planned and are as follows:

- Close on definition within the GridWise Architecture Council by the close of business on Friday, September 20
- The fully integrated framework document will be ready for the full Council by Monday, September 23
- Council to review document and provide feedback by the close of business Thursday, September 26
- The final polishing and completed draft to be ready for Department of Energy deliverable on Monday, September 30

## **Action Items Review**

- 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
- Sherry Kowalski to expand the smart grid event list and circulate to the council for input
- Ron Melton to circulate the finalized EnergyBiz article

## **Adjourn**

Meeting adjourned at 11:30 AM.