

Meeting Minutes

April 18, 2018

GWAC Members

David Forfia, Director, Enterprise Architecture & IT Transformation, Electric Reliability Council, TX

Ron Ambrosio, Chief Scientist, Utopus Insights, Inc.

Ron Bernstein, President, RBCG, LLC

Gerald R. Gray, Technical Executive at the Electric Power Research Institute (EPRI)

Doug Houseman, Grid Modernization Lead, Burns & McDonnell

Stephen Knapp, Vice Pres. of Quality Assurance & Energy Markets, Power Analytics Corp.

Lorenzo Kristov, Electric System Policy, Structure, Market Design, Consultant

James Mater, Co-Founder and Director, QualityLogic, Inc.

Farrokh Rahimi, Senior Vice President, Open Access Technology International, Inc. (OATI)

Leonard Tillman, Balch & Bingham, LLP

Members Not Present

Tanya Barham, Director of Operations, PECEI

Joe Hagerman, Senior Program Manager, ICF

Tom Sloan, State Representative, Kansas

GWAC Associates & Emeritus

Robert Burke, Principal, Robert Burke Consulting

Jeff Morris, Principal, Energy Horizon Corp.

Ken Wacks, Home, Building and Utility Systems

Guests

Ron Cunningham, AEP

Dave LeVee, Powercast

Rahul Bahadur

PNNL Support

Mark Knight, GWAC Administrator

Susie McGuire, GWAC Coordinator

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GWAC Online Meeting

David Forfia called the meeting to order at 10:06 a.m. PDT

Mark noted that the meeting reached a quorum.

Mark noted that the GWAC January minutes were previously approved and are posted to the GWAC website and that the February and March minutes have been sent to the council for review and we hope to get a motion to approve them today.

Ken Wacks noted that he had sent in a change to his liaison report for the March minutes. Susie noted that she had received Ken's changes and has incorporated them into the record copy of the March minutes.

Steve Knapp then gave a motion to accept the February and March minutes to the record and Ron Bernstein seconded the motion to approve both. David Forfia noted no objections.

Mark Knight asked the council members to let him know in advance if they will not be able to attend the meetings or calls.

Mark also noted that since he was not able to attend the IEEE T&D Expo this year that this GWAC meeting is an online call only.

TESC 18: A block of rooms at government rate has been set up for the GWAC council at the Alise hotel in Boston. The Alise is a sister hotel to The Rose in Portland. This information has been sent out to the GWAC. The council is asked to tell Susie McGuire if they are staying at the Alise or elsewhere, that way she can invite additional TESC18 GWAC participants to utilize the room reservation. Ken noted that the Alise has had good reviews locally.

TE Framework, Mark sent out a complete list of TE Framework teams on April 17.

Mark asked the GWAC to let him know if additional meetings need to be added to the meeting list.

Farrokh asked Mark to add the IEEE meeting in Feb. 2019. <http://iee-isgt.org/>

Ron Bernstein mentioned DistribuTECH Feb. 5 - 7 2019 in New Orleans

Also the NCTTA Spring Conference May 1 – 3, 2018 in Santa Clara CA

Lonmark will have 4 new standards going through the process

ASHRAE Winter Conference – Jan. 2019 <https://www.ashrae.org/conferences/winter-conference>

PowerGen Dec 4 – 6 2018 Orlando FL <http://www.power-gen.com/index.html>

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Smart Energy Summit, Feb 2019, Austin TX <http://www.parksassociates.com/events/smart-energy-summit/agenda>

World Energy Conference Charlotte (OCT 17-19 2018) <http://www.energycongress.com/about>

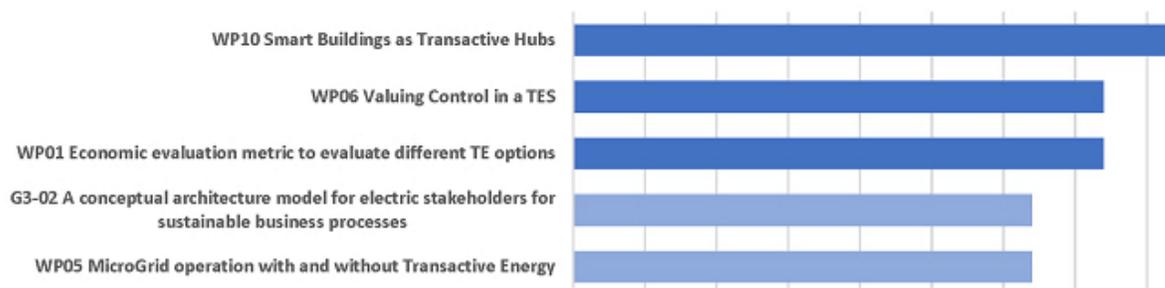
Ron Bernstein suggested that GWAC participation and speaker opportunities for the GWAC members, associates and friends be noted on the list.

Mark agreed that keeping track of member participation would be beneficial.

Action Mark: add additional meetings to the list and track GWAC council participation in the meetings and note speaking opportunities

Mark also noted the pending “GWAC resume” effort. Mark thanked Leonard, Steve, James, and Gordon for providing input for this effort. The one page draft is complete and Mark will circulate it to the council.

Action Mark: send the one page GWAC resume out to the GWAC for review



Mark reviewed the recent voting response regarding the white papers, shown above.

Three papers were rated highly; the plan is that we will select another two of the remaining top six for future efforts.

The plan is for one paper to be complete by the end of September 2018 and the two others will follow after that.

Mark is looking for volunteers to chair the top three papers.

Gerald Gray likes Smart Buildings as a Transactive Hub. He hears a lot of support for this. He sees a lot of support for this idea. Gerald offered to try to contribute to this effort.

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Dave LeVee noted that he is working on a 1500 word paper for SEPA on the economic value metric and asked for help for this effort.

White Paper Topic Team Formation

Mark noted that Ron Bernstein, Gerald Gray, Joe Hagerman, Phil Davis and Ken Wacks have spoken up to assist with the topic - Smart buildings as Transactive Hubs and Stephen Knapp, Farrokh Rahimi and Dave LeVee have offered to help with the Economic Evaluation Metric for TES white paper topic.

David asked about the timeframe for finalizing the papers. Mark said that we could start the first two and then put the initial effort behind the one that progresses the quickest for the earlier due date. We would like to have one by the end of September to meet a project deliverable on the Transactive Energy Project.

Value control – Stephen lead, Farrokh and David

Action Mark: send an email to each of the white paper groups

Mark gave an update of TESC 18 planning progress.

Mark noted an urgent need to review the abstracts that have been received. He needs to let authors know that they have been selected soon so that they can register and book their hotel.

Ken has offered to submit an abstract on CyberSecurity. Mark urged him to send it as soon as possible.

Action Mark: Select abstracts for TESC 18 and notify authors in the next two weeks.

Mark thanked Chris Villarreal (not on the call) for his help with the regulatory panel.

The MIT link <https://whereis.mit.edu/> shows locations of individual buildings at MIT.

Mark mentioned the Tutorial, he is checking with SEPA to see if there is a critical mass who have expressed interest in attending. Mark estimates that it will take 10 to 12 people to be enrolled to make it a go. Those who had expressed interest in presenting were Ron Bernstein,

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Farrokh Rahimi, Tanya Barham and Mark Knight. These presenters need time to prepare so Mark is hoping to get an answer from SEPA soon about the tutorial.

Ron Bernstein suggested that it would be good to have a meeting with GWAC speakers to go over what will be covered and the tutorial format.

Jeff Morris asked who the target audience would be for the tutorial. He is interested in telling policy makers about the tutorial.

Mark replied that it is basically "TE 101." It is for a more broad audience this year; less technical. It will cover the TE Framework and also Smart buildings

Action: Jeff Morris will send Mark an email and they will talk more offline about the tutorial

GWAC foundation session – all the keynote speakers are in. Jim Gallagher of the NY Smart Grid Consortium will give the opening talk. Chris Irwin will give one as well.

Ron Bernstein posted the TESC18 Tutorial Description.

Action Susie and Mark: attach the tutorial description as a separate doc for the minutes and send to Mark to send to Jeff Morris

Ron Bernstein asked about where to find the link to TESC18 on the GWAC website. Susie noted that the registration link is on the site but not a link to the meeting.

Action Susie: Add a link to the meeting website on the GWAC webpage (complete)

Ken Wacks noted that there is a bus stop right by the Kresge Auditorium at MIT. Ken noted that traffic is bad in that area of Boston so public transit is preferable. The metro is a half mile walk. The bus stops right there at the Auditorium. It is a good area for walking.

Action Susie: Find out more information about the bus line in Boston that stops at the Kresge Auditorium. Add this with Mark's territorial map and create a logistics flier for MIT/Boston/TEESC18

Ken asked anyone who needs logistics help with the conference to contact him and he will be happy to help.

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Mark provided a map of the area of Boston near MIT (see slides).

David asked where we are at with sponsorships and registrations.

Mark noted that we are low on registrations at this time. That's not unusual but it is worrying organizers at SEPA. We have 20 – 30 registrations in.

David challenged the council to help with the effort to get registrations up and to offer to help Mark with sponsorships. We took a risk coming to the east coast and we all need to do our part to make this work. Please do whatever you can to promote this and to persuade your colleagues to consider attending. If you have relationships with potential sponsors or former sponsors Mark could use your help

Action Susie: send out the GWAC blast email to the Council – they can forward it or work with us to revamp it for sending to their organization or associates (complete)

Lorenzo Kristov mentioned the TE Framework Section 4.2 of the refresh – he has been creating an annotated outline in Farrokh's absence (although Farrokh is now returned from travel). Lorenzo is finishing this up and will send that out this weekend so that the council can comment.

Action: Lorenzo will send out a link to the FERC webpage (complete)

James asked about the Interoperability Roadmap after talking with SEW yesterday. Mark will be happy to send out more information.

Action: Mark to send out more information about the Interoperability Roadmap

Mark Knight suggested that people who want to know more about this can ask Steve Widergren, James Mater and himself. There are some opportunities for those who are interested. James was interested in helping to link GMLC efforts to real world experience.

Mark noted that Ron Ambrosio, David Forfia and Ron Bernstein have had some involvement with IMM, the Interop Roadmap and with Procurement language. There have been several informal involvements from GWAC member's in these efforts.

Liaison Reports

SEPA - David Forfia reminded everyone that the conference hotel for the Grid Evolution Summit will be the Washington Hilton, 1919 Connecticut Ave NW, Washington DC. Please make your reservations soon, the rate will expire June 18. SEPA Travel link: <https://sepapower.org/event-complex/grid-evolution-summit-national-town-meeting/travel-accommodations/>

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ISO/IEC Ken Wacks gave a summary of his IEC work. He would like his contact in Korea to be able to link with GWAC. With recent talk about the need to protect privacy there isn't much talk about technology support. His group is helping to create specifications to enforce a contractual arrangement for privacy agreements. The next meeting is Sept. 24 – 28, 2018 in Tyson's Corner, VA. Ken will keep GWAC updated on the meeting. There is a planning meeting in May so if anyone wants to be involved in planning US positions please let him know. Ken is hoping that Utopus would like to be involved. Ron Ambrosio noted it on his calendar.

Dave LeVee is creating a blog on metrics for SEPA. He would like input from the group. He will send something out to the GWAC.

David Forfia asked for a motion to end the meeting. Gerald Gray gave the motion and Stephen Knapp seconded the motion. The meeting ended at 11:21am.