

Meeting Minutes

Sept. 15, 2021

GWAC Members

David Forfia, GWAC Chair

Kay Aikin, Introspective Systems

Ron Ambrosio, Independent Energy
Transformation Professional

Ron Bernstein, President, RBCG, LLC

Stuart McCafferty, President, GridIntellect

Ahlmahz Negash, Sr. Engineer, Tacoma Power

Farrokh Rahimi, Executive Vice President, Open
Access Technology International, Inc

Leonard Tillman, Partner, Balch & Bingham, LLP

PNNL Support

Karen Studarus, PNNL Administrator

Susan McGuire, GWAC Coordinator

GWAC Associates & Emeritus

Jeff Morris, Principal, Energy Horizon Corp.

Ken Wacks, Home, Building & Utility Systems

James Mater, QualityLogic, Inc.

GWAC Guests

Nazanin Hashemi Attar

Toquica Cardenas

Toby Considine

Nader El-Taweel

Jaime Kolln

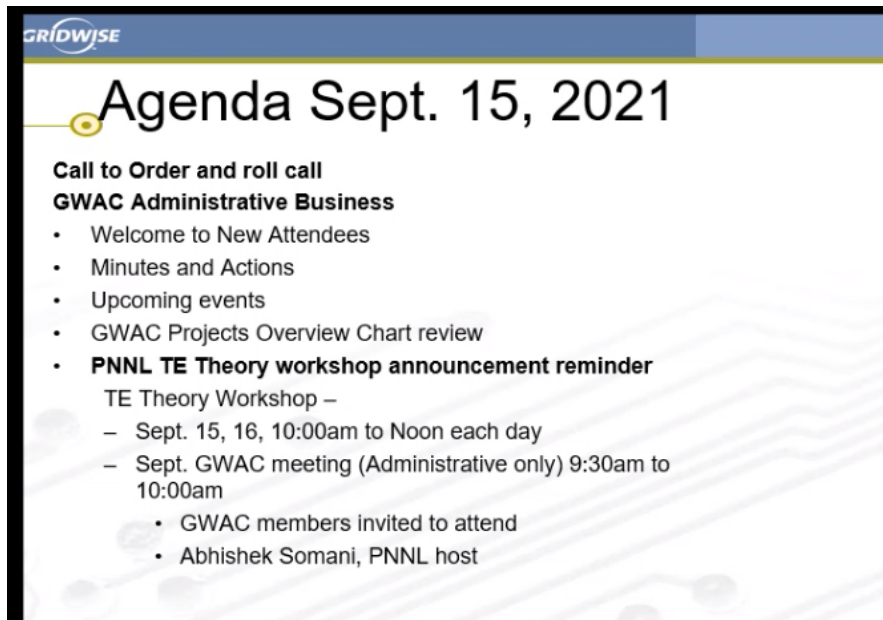
Hossain Mohammadi

Alex Papalexopoulos

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GWAC Administration



Karen Studarus thanked everyone for attending at the earlier time, and she noted that this meeting would be brief, only 30 minutes.

David Forfia noted that a quorum was met.

David asked about the rollout of the new GWAC website. Karen said it is up internally but the URL has not been approved to go external. She has sent a URL of the website to GWAC members for their review and feedback.

Regarding the GWAC Fall meeting, Karen noted that there will be a planning meeting later this week. She said the meeting will have non-continuous dates to try to capture the most GWAC members. It will be held as a virtual meeting.

Susie McGuire noted that changes to the meeting minutes were requested from Farrokh Rahimi, Leonard Tillman and Ken Wacks. These have been made. David Forfia asked for a motion to approve the minutes as amended. Ron Bernstein gave the motion and Ron Ambrosio seconded the motion. The group then approved the minutes with no objections.

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GRIDWISE

Conferences and Events (Bold = GWAC speakers, blue = complete)

- Smart Energy Summit 2021, Virtual, Apr. 28, Aug. 4, Oct. 27
- ISO/IEC meetings, various times in the weeks of Sept. 14 and Sept. 21
- Solar Power International (SEPA) Sept. 20-23, 2021, New Orleans, LA
 - SPI, ESI, Smart Energy Week International **is Canceled due to hurricane Ida**
 - Additional details at their website <https://www.solarpowerinternational.com/>
- NCEP Sept. 13-15, 2021 (National Council on Elec Policy)
- **GWAC Fall Meeting: Discuss virtual/ F2F, location, date**
- CEATI Smart Grid Conference & Protection and Control, [online](#), Nov. 2-3, 2021
- NARUC Annual Meeting, Nov. 7 – 10, 2021, Louisville KY
- Grid Forward Nov. 9 – 10, 2021, Seattle, WA

GRIDWISE

Conferences and Events (Bold = GWAC speakers, blue = complete)

- DistribuTech 2022 – Jan 26 – 28, 2022, Dallas, TX
- ASHRAE Winter Conference, Jan 29 – Feb. 2, 2022, Las Vegas, NV
- AHR Expo, Jan. 31 - Feb. 2, 2022, Las Vegas Convention Center, NV
- IEEE ISGT 2022, Washington, DC, February 21-24, 2022 – face to face format
- IEEE PES T&D, April 25 – 28, 2022, New Orleans, LA
- IEEE Rural Electric Power Conference REPC, Cleveland OH, May 17 – 20, 2022
- **TESC2022 – tentatively scheduled for May 3 – 5, location to be determined**
- IEEE PES General Meeting, Denver, CO, July 17 – 21, 2022

Ken Wacks reminded everyone of the presentation given by GWAC Associate Jeff Morris at the recent IREC meeting on Friday, Sept. 10 on the American Standard # 2045. Ken commented that the turnout was good, and Jeff gave an excellent presentation. Jeff's talk covered the modular communication interface for energy management, officially called the ANSI/CTA-2045 standard. It has been adopted through Jeff's initiative in the State of Washington and it will be coming online in Oregon. It is being debated in California. Ken mentioned that Jeff planned to continue the conversation at the next IREC meeting.

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Kay Aikin will be speaking at the IEEE ISGT meeting to be held in Washington DC Feb. 21-24, 2022

Ron Bernstein and David Forfia have proposed to speak at the ASHRAE Winter Conference on behalf of GWAC in Feb. 2022. They will let us know when this is confirmed. It is expected to be in person.

Karen shared the list of upcoming regulatory meetings that Jeff Morris sent GWAC.

Karen noted that the Fall Organizing committee has proposed a review of the GWAC strategy, mission and vision at the Fall Workshop organizing meeting.

The group will discuss what aspects of the GWAC strategy has held up and where we would like to reinvigorate things. She asked the group to think about this and share their thoughts at the Fall meeting.

Karen asked about work product progress.

Ron Bernstein said that talk on SBATH was submitted to ASHRAE by he and David Forfia. They would like to speak on something relevant to that topic. He will let the group know if it is accepted.

Stuart McCafferty said he felt the blog group is somewhat paused. Karen offered to put the revised website out on a new URL so that the blog posts can start. She said that for the current server connecting to the old URL is a problem. She said we could set up a link to the new site from the old site.

Ron Bernstein said if the site is about a month out it would be best to wait.

David suggested that GWAC reviewers should provide a punch list of things to fix on the new website.

Stuart said the blog content and decarbonization group is meeting regularly. Not sure what is going on but we are waiting for the PNNL website to go live. Karen noted technical issues.

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1	DATES	EVENT	Location	Policy		FOOTPRINT
2	October 3-6, 2021	Southeastern Association of Regulatory Utility Commissioners (SEARUC)	Kingsport, TN	Utility Regulations/Regulators		
3	October 5, 2021	MicroGrid Knowledge Meeting	Foster City	Micro Grid SE BU participating		
4	September 20-23, 2021	North America Smart Energy Week	New Orleans, LA	Energy 101		
5	September 13-15, 2021	National Council on Electricity Policy	Washington DC	Energy Planning DERs		Brookville
6	August 30-September 2, 2021	Advanced Clean Transportation Expo	Long Beach, CA	EV barriers		
7	September 26-29, 2021	American Public Port Association	Austin, TX	MG, Resiliency, electrification		YES
8	September 27-29, 2021	Southern States Energy Board	Oklahoma City, OK	Footprint energy legislators		
9	September 28-October 1, 2021	CSG West Annual Meeting will convene	Colorado Springs, CO	Go West Legislators Energy working group		
10	October 6-7, 2021	SEARUC	Kingsport, TN	Regulators SouthEast		
11	October 13-15, 2021	National Association of State Energy Officials (NASEO)	Portland, MA	State Energy Directors all policy		
12	October 20-23, 2021	Legislative Energy Horizon Institute	Washington DC	Energy 101 Legislators		
13	November 2-5, 2021	National Conference of State Legislators (NCSL)	Tampa Bay	Energy Task force		
14	November 3-4	National Electrical Manufacturers	Palm Beach FL	Sector organization		
15	November 7-11, 2021	National Association of Regulators Utility Commissioners	Louisville, KY	Utility Regulations/Regulators		YES--would go anyway
16	November 17-19, 2021	Pacific Northwest Economic Region Winter meeting	Vancouver, BC	Regional Energy and Decarb		
17	November 18-20, 2021	National League of Cities	Salt Lake City	City Decision Makers		
18	November 30-December 4, 2021	Council of State Governments (CSG)	Santa Fe, NM	State Policy Makers Energy working group		
19	December 6-8, 2021	Advanced Energy Economy Western Meeting	Denver, CO	SE major GR NGO investment		
20	December 8-10, 2021	Western Governors Association	San Diego, CA	Go WEST Energy		
21	January 28th - 31st, 2022	National Governors Association	Washington DC	MG/Resiliency, electrification		
22	February 1-3, 2022	Midwest Energy Efficiency Alliance	Chicago, IL	Buildings/MG/ESCO		
23	February 8-10, 2022	NASEO Winter Meeting	Washington DC	State Energy Directors all policy		
24	February 13-16, 2022	NARUC Winter Meeting	Washington DC	Utility Regulations/Regulators		
25	July 9 - 13, 2022	Southern Legislative Conference.	Oklahoma, OK		\$5k in 2021	YES
26	July 30-Aug 3, 2022	NCSL Summit/Energy Task force	Denver, CO			
27	December 7-10, 2022	CSG Annual meeting	Honolulu, HI	Sustainability/cyber/MG		
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Karen shared a list of upcoming NARUC and related meetings that Jeff Morris had sent.

David asked members to go out to the new site and review it. David suggested creating a punch list of suggested edits.

Karen put the new URL in the chat window. <https://gridwiseac.pnnl.gov/>

Stuart McCafferty said that two blog features have been pushed through the committee. Rahul has submitted one and Larisa is creating one around policy and regulatory changes for decarbonization. Stuart has something that he sent out for review that maybe a bit controversial.

Stuart asked interested authors to send him any material that they have. They are still looking for more good content. Authors should send the material to Stuart and it will then be reviewed by the committee.

Ken asked about international energy management standards as a blog post. Stuart said it's not related to the current topics but it would not be a bad topic. Ken said it has to do with tools to support renewables. Stuart encouraged Ken to proceed with his blog post idea.

Kay Aikin was interviewed recently for a podcast by Amy Simpkins, MuGrid Analytics, a Microgrid Optimization company. The focus of the talk is on about transactive and the grid modernization. Kay put a link in the chat. <https://www.amysimpkins.com/podcast/episode-1-03/> It is episode 1.03 on the Future of Transactive Energy.

David Forfia noted that it was time for the group to switch over to the TE Theory Workshop Day 1.

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David suggested that the group adjourn a few minutes early to allow time for the switch over and asked for a motion to adjourn. Ron Ambrosio gave the motion and Ron Bernstein seconded the motion. David adjourned the September meeting.