



North American Energy Standards Board

1415 Louisiana Street, Suite 3460, Houston, Texas 77002
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Home Page: www.naesb.org

April 21, 2025

NAESB UPDATE CONFERENCE CALL

PRESENTATION FROM JEREMY J. ROBERTS ON THE GREEN BUTTON ALLIANCE: Mr. Roberts from the Green Button Alliance delivered the presentation on the Green Button Alliance. The Green Button Alliance (GBA) is a nonprofit organization established by the U.S. Department of Energy, NIST, and the White House to promote the adoption of the Green Button standard, which provides consumers with secure, standardized access to their energy usage data. Based on the North American Energy Standards Board (NAESB) Energy Services Provider Interface (ESPI) standard, Green Button enables residential, commercial, and government users to analyze their electricity, gas, and water consumption for improved efficiency and cost savings. The GBA supports two primary data access methods: Connect My Data (automated sharing with third parties) and Download My Data (manual XML file downloads). To ensure security, Green Button employs OAuth 2.0 authentication, TLS 1.3 encryption, and strict data privacy protocols. In collaboration with NAESB, the GBA works to refine and certify Green Button implementations, ensuring interoperability and compliance with industry standards. Through education, certification, and advocacy, the Green Button Alliance fosters innovation in energy management, empowers consumers, and supports sustainability efforts. Ms. Fink asked if Virtual Power Plant Platform (VPPP) Considered a Green Button part or extension. Mr. Roberts explained that Green Button is not specifically designed for providing nameplate details typically found in a Virtual Power Plant (VPP), but it can be a part of it. For instance, with a forward-reverse meter, Green Button can track both incoming and outgoing energy, allowing utilities to integrate this data into their VPP models. While Green Button does not compete with existing VPP solutions, it serves as a valuable data service to support them.

WEQ OASIS SUBCOMMITTEE ACTIVITIES: Mr. Wood, Co-Chair of the Wholesale Electric Quadrant (WEQ) OASIS Subcommittee, provided an update. During the January 14, 2025, meeting, the WEQ OASIS Subcommittee voted out a no-action recommendation in response to an industry request as part of the 2025 WEQ Annual Plan Item 2.a. The proposal considered modifications to the WEQ Business Practices Standards to allow transmission customers to designate an agent for point-to-point transactions. This recommendation is open for industry comment until February 13, 2025 and will go to the Executive Committee meeting in March. The recommendation follows months of discussions, with the subcommittee ultimately concluding that no major changes are necessary to the current framework at this time.

WEQ/RMQ BPS: Mr. Phillips, Co-Chair of the Business Practices Subcommittee (BPS), provided the update. On January 21, 2025, the WEQ BPS discussed Standards Request R24005 / 2025 WEQ Annual Plan Item 1.b., a proposal from Southwest Power Pool and RCWest/CAISO to develop standards supporting congestion management in the Western Interconnection. The WEQ BPS voted to establish the Western Interconnection Congestion Management Working Group, which will create a recommendation for the BPS. The working group's first meeting is set for February 20, 2025. The requesters outlined their proposal to expand the Enhanced Curtailment Calculator tool to improve congestion management, including a standardized methodology for curtailments and relief obligations, aiming to enhance transparency and efficiency. This proposal complements the existing Unscheduled Flow Mitigation Plan. Additionally, the 2025 WEQ and RMQ Annual Plans include efforts on distributed energy resources (DER), including interoperability standards and cybersecurity measures to secure DER-related communications, with joint work ongoing between the WEQ BPS, RMQ BPS, and the WEQ Cybersecurity Subcommittee.

WEQ CISS: Mr. Buus, Co-Chair of the Coordinate Interchange Scheduling Subcommittee (CISS), provided the update. On February 6, 2025, the WEQ CISS held its first meeting of the year to begin work on 2025 Annual Plan Item 2.b. This effort involves developing modifications to the WEQ Business Practice Standards and the WEQ Electronic Tagging Functional Specification to streamline the management of bi-directional resources, such as batteries. The proposal, based on industry comments, suggests creating a new e-Tag transaction type to better accommodate the unique charging and discharging characteristics of these resources. Currently, separate e-Tags are needed for each direction of energy flow. During the meeting, there was agreement that the increasing deployment



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of bi-directional resources could complicate e-Tag use, but further discussions are needed to explore solutions that could improve industry efficiency. The next step is to develop a work paper identifying common and regional challenges with managing bi-directional transactions and using e-Tags. This paper will help define a framework for standards development. The subcommittee is also scheduling its next meeting.

WEQ/RMQ/WGQ CYBERSECURITY ACTIVITIES: Mr. Buccigross, Chair of the WEQ Cyber Security Subcommittee (CSS), provided the update. The RMQ and WEQ are currently working on developing cybersecurity-related standards to secure commercial electronic communications for transactions between distributed energy resource (DER) aggregators and distribution utilities. In recent joint meetings, the WEQ BPS, RMQ BPS, and WEQ Cybersecurity Subcommittee have developed the DER Aggregator-Distribution Utility Bidirectional Market-Based Communication Exchange Use Case, outlining cybersecurity goals and communication standards. During the January 15, 2025 meeting, participants agreed that further information is needed on business processes and requirements, including feedback from utilities and DER aggregators, before moving forward with standards development. The next meeting is scheduled for February 18, 2025, to review the use case and work papers and decide on next steps. The 2025 WEQ, WGQ, and RMQ Annual Plans also include several cybersecurity efforts, including evaluating and revising existing standards and developing new ones to address cybersecurity needs. Additionally, the 2025 WEQ Annual Plan includes a joint assignment to develop standards for cybersecurity disclosure best practices, such as software supply chain risks, to support industry regulations.

WGQ CONTRACT ACTIVITIES: Mr. Sappenfield, Chair of the WGQ Contracts Subcommittee provided the update. The WGQ Contracts Subcommittee is working on two key initiatives. First, they are developing a standardized contract for the sale and purchase of hydrogen, incorporating provisions for certificate tracking, carbon intensity, and transportation methods. After an informal comment period closed on September 6, 2024, with seven sets of feedback, the subcommittee reviewed the input in meetings held on September 12 and October 17, 2024, and is refining the draft. A final review and vote are scheduled for February 27, 2025, following a second review during the February 11, 2025 meeting. The subcommittee also began reviewing Item 6 of the 2025 WGQ Annual Plan on January 17, 2025, which focuses on updating the renewable natural gas (RNG) addendum in light of new regulations and developments in the RNG market. In the February 12, 2025 meeting, proposed edits were discussed, with the next meeting scheduled for March 4, 2025.

REGULATORY AND BOARD ACTIVITIES UPDATE: Ms. Nagi, Staff Attorney, provided the update. Since the start of the year, Board Committees have had limited activity, but the Strategy and Revenue Committees are expected to meet in March to prepare for the April Board meeting. The Advisory Council will hold its annual meeting this Saturday in Washington D.C., where it will review NAESB's key activities, including gas-electric standards, the hydrogen contract, DER-related initiatives, and cybersecurity. The Council will also discuss a recommendation from the 2024 National Petroleum Council Study on GHG emissions. These discussions will inform the Board Strategy Committee's recommendations for the April Board meeting and the September Strategic Session. On the regulatory front, there have been no new filings with FERC since the last update, though three new WGQ standards filed by NAESB in response to Winter Storm Elliott remain under consideration.

NEXT CONFERENCE CALL: The next NAESB Update Conference Call is scheduled for April 23, 2025, from 1:00 PM - 2:00 PM Central. The agenda and any work papers will be posted on the NAESB Update page of the NAESB website, accessible at the following link: http://www.naesb.org/monthly_update.asp. We hope you can join us. If there are particular topics you would like to see covered or if you would like to receive additional information, please contact the NAESB Office by phone at (713) 356-0060 or email at naesb@naesb.org.



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NAESB Update Conference Call, Participant List	
February 19, 2025 1:00 PM Central	
Name	Organization
Damon Allen-Skondin	Tucson Electric Power
Demi Arenas	United Energy Trading, LLC
Jim Buccigross	Group 8760
Christopher Burden	Enbridge
Zachary Buus	Bonneville Power Administration
Donald Coffin	Green Button Alliance
Michelle Coon	OATI
Blair Fink	Georgia Public Service Commission
Andrew Fleming	NV Energy
Karen Frank	MISO Energy
Ronnie Hensley	Southern Star
Samantha Joyce	PG Works
Kyo Kelly	Southern Co
Tom Kraft	ONEOK
Darren Lamb	CAISO
Megan Miller	Enbridge
Saranga Mudiyansele	Manitoba Hydro
Amrit Nagi	NAESB
Sheldan Perry	OATI
Joshua Phillips	Southwest Power Pool
Jeremy J. Roberts	Green Button Alliance
Ronald Robinson	Tennessee Valley Authority
Kirsten Rowley	MISO Energy
Lisa Russo	Nat Fuel
Sarah Shaffer	EQT Corporation
Sara Shepard	Northwestern
Lisa Sieg	LG&E and KU Services Company
Leigh Spangler	Harbor Partners



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Name	Organization
Karen Stampfli	Tennessee Valley Authority
Carolyn Stone	Cascade Natural Gas
Sarah Tomalty	BP
Caroline Trum	NAESB
Kim Van Pelt	Kinder Morgan
Sandy Walker	Tennessee Valley Authority
Adam Wallace	Southern Star
Jeremy West	OATI
JT Wood	Southern Company
Thomas Zermeno	SSL.com