



North American Energy Standards Board

1415 Louisiana, Suite 3460, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

October 17, 2018

NAESB UPDATE CONFERENCE CALL

WEQ UPDATE ON THE OASIS SUBCOMMITTEE ACTIVITIES: Mr. Wood, Co-Chair of the WEQ OASIS Subcommittee provided the update. The WEQ OASIS Subcommittee is working jointly with the WEQ Business Practices Subcommittee (BPS) to address the final standards development effort related to FERC Order No. 890. This effort addresses Paragraph 1627 of the order and concerns the posting of additional information on OASIS regarding firm transmission curtailments. Joint subcommittee leadership anticipates completing a recommendation during the 1st Quarter, 2019 and has a meeting scheduled for October 30, 2018 to continue efforts. Additionally, in September, NAESB membership ratified modifications to the WEQ OASIS suite of Business Practice Standards intended to provide increased flexibility and improve efficiency in the use of the query functionality within OASIS.

WEQ COORDINATION WITH NERC AND EIDSN: Mr. True, Vice Chair of the WEQ Executive Committee, provided the update. NAESB staff continues its coordination efforts with NERC staff as well as the EIDSN regarding the Parallel Flow Visualization (PFV) effort. As discussed by the chair of the EIDSN Interchange Distribution Calculator (IDC) Steering Committee during the August 21, 2018 meeting of the WEQ Executive Committee, EIDSN has made available to NAESB an update, the Parallel Flow Visualization Metrics Report, regarding the status of the field trial. The report provides detailed information on the field trial to date and PFV-related changes to the IDC tool as well as an analysis of the data made available thus far. As indicated in the report, in the initial review by the EIDSN IDC Working Group, PFV appears to provide more accurate modeling and assignment of relief obligations, a better analysis of the impacts on flowgates, and represents a considerable improvement over the current IDC. Additionally, NAESB and NERC staffs continue to engage in coordination activities, including monthly conference calls to discuss ongoing and future standard development efforts. Recent topics of discussion between NERC and NAESB have included cybersecurity and the 2018 NERC Reliability Standards Efficiency Review.

WEQ ELECTRIC INDUSTRY REGISTRY AND ETAGGING UPDATE: Ms. Trum, NAESB Deputy Director, provided the update. Currently, NAESB is working with the NAESB EIR System Administrator, OATI, to implement branding changes to the tool interface users interact with on a daily basis. These modifications will serve to better identify that the NAESB EIR is a NAESB tool and should be a seamless implementation for users. NAESB also works with OATI, in its capacity as the EIR System Administrator, regarding periodic updates and upgrades to increase tool performance and enhance user experience. The most recent upgrade was deployed on June 11, 2018 to optimize the upload of data by users, correct display errors, and provide additional safeguards to prevent duplication of data records. Additionally, SSL.com has become certified as a NAESB Authorized Certification Authority (ACA) and is now registered in the NAESB EIR as a PKICA. In addition to an August 1, 2018 industry email, NAESB provided primary notice of the additional PKICA via the notice functionality within the NAESB EIR. The registry publication serves as the EIR's notice functionality.

WEQ/WGQ/RMQ SANDIA NATIONAL LABORATORIES SURETY ASSESSMENT: Mr. Burks, Chair of the RMQ, provided the update. The NAESB Board Critical Infrastructure Committee (CIC) most recently met on June 18, 2018 and July 12, 2018 to review and discuss the revised draft report on the surety assessment conducted by Sandia National Laboratories. This second draft was prepared in response to the written feedback developed by the Board CIC following the committee's review of the first version of the draft report in February 2018. As a result of these meetings, the Board CIC developed additional written feedback to Sandia National Laboratories regarding the surety assessment. While the committee noted its appreciation for Sandia National Laboratories' efforts to revise the draft report, the consensus of the members was that it would be beneficial if further modifications were made in order to ensure NAESB is provided with all necessary information to evaluate any findings and recommendations contained in a final version of the report. The written feedback, similar to the previous feedback provided by the committee, recommends the final report more closely resemble the 2006 surety assessment. The committee also recommended a forward-thinking, vulnerability-based assessment, analyzing each standard to identify specific vulnerabilities, evaluate the threat, and provide possible actions to mitigate. This approach would be more aligned with the 2006 surety assessment conducted by Sandia National Laboratories on the NAESB Business Practice Standards and will help NAESB better determine any next steps which should be taken.



North American Energy Standards Board

1415 Louisiana, Suite 3460, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WGQ BLOCKCHAIN STANDARDS REQUEST: Mr. Burks, Chair of the RMQ, provided the update. the NAESB WGQ BPS, EDM and Contracts Subcommittees will meet jointly on Wednesday, October 24, 2018 from 9:00 am to 4:00 pm Central to initiate efforts to address the blockchain related Standards Request R18007. At the beginning of July, R18007 was submitted to the NAESB Office by Big Data Energy Services, Adjoint Inc., Pariveda, American Electric Power Service, Tennessee Valley Authority, and JKM Energy & Environmental Consulting. The requestors asked that NAESB develop a standard digital representation of natural gas trade events, consistent with NAESB WGQ Standard No. 6.3.1 – NAESB Base Contract for Sale and Purchase of Natural Gas, in order to capitalize on smart contract and distributed ledger technologies. R18007 was triaged and the resulting disposition found the request to be in scope and assigned to the WGQ Executive Committee for further assignment. In September, the WGQ Executive Committee held a conference call to address R18007, among other agenda items. During that call, the WGQ Executive Committee determined that the request would be jointly assigned to the WGQ BPS, EDM, and Contracts Subcommittees and that an educational primer will be given during the first face-to-face meeting.

RMQ ENERGY SERVICE PROVIDER INTERFACE (ESPI) ACTIVITIES: Ms. Mallett, NAESB Deputy Director, provided the update. On October 10, 2018, the RMQ Executive Committee reviewed and remanded the recommendation containing revisions to NAESB REQ.21, the Energy Services Provider Interface Model Business Practices (ESPI) back to the ESPI Task Force. Due to a substantial set of comments submitted by the Green Button Alliance which identified aspects of the recommendation that needed to be further developed, the Executive Committee determined that the ESPI Task Force should continue to develop aspects of the recommendation. Additionally, once completed, the Executive Committee agreed to shorten the upcoming formal industry comment period for the recommendation from 30 days to 14 days.

ANNUAL PLANNING PROCESS: Mr. Booe, NAESB Executive Vice President and Chief Administrative Officer, delivered the update. On October 4, 2018, the WEQ, WGQ, and RMQ held their Annual Plan Subcommittee meetings to develop the proposed 2019 Annual Plans. On the Proposed 2019 WEQ Annual Plan, three new items were added to improve the current operation of the wholesale electric market and to maintain standards for OASIS and electronic scheduling as well as items to develop distributed ledger technology business practice standards for power trade events to streamline the power accounting close cycle and to improve/replace the current manual Renewable Energy Certificate processes for utility financial and/or sustain-ability accounting/reporting. The RMQ and WEQ will work in tandem regarding the Renewable Energy Certificates effort as the scope is expected to affect both quadrants. As such, an identical item was added to the 2019 RMQ Annual Plan. In the WGQ, two standards requests were placed on the 2019 WGQ Annual Plan. Standards Request R17008 requests the development of a standard for the exchange of transportation invoice information using XML and Standards Request R18007. Additionally, each quadrant moved items from its provisional to its active annual plan in order to conduct a review of the Sandia National Laboratories Surety Assessment Report and develop standards if needed.

REGULATORY AND BOARD ACTIVITIES: Mr. Booe, NAESB Executive Vice President and Chief Administrative Officer, delivered the update. On December 13, 2018, the Board of Directors will hold its last meeting of the year in Houston, Texas at the Marriot Marquis Downtown. Along with other standing agenda items, the board members will consider the organization's budget and proposed annual plans for the next year, as well as receive updates on the progress of board committees and subcommittees. Additionally, several Board Committees will meet ahead of the December 13 meeting. The Board Strategic Plan Task Force has scheduled a meeting for October 25, 2018 to consider the proposed annual plans as well as the Proposed 2019 – 2021 NAESB Strategic Plan, which will be presented to the Board for consideration. The Revenue Committee is planning to meet to review the publication schedules, communication activities, and the revenue report. The Board Retail Structure Review Committee is planning to meet to continue discussions regarding potential paths to increase participation and consider proposals for recommendation to the Board of Directors. Regarding regulatory activities, on October 4, 2018 FERC issued a Notice of Proposed Rule-making (NOPR), *Standards for Business Practices and Communication Protocols for Public Utilities*, proposing to remove its incorporation by reference of the WEQ-006 Time Error Correction Business Practice Standards. The WEQ took action to reserve these standards as part of WEQ Version 003.2 in response to a request submitted by NERC proposing that NAESB reserve the WEQ-006 standards to correspond with NERC efforts to retire the related reliability standard. commercial methods used for reducing time error.



North American Energy Standards Board

1415 Louisiana, Suite 3460, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NEXT CONFERENCE CALL: The next NAESB Update Conference Call is scheduled for December 6, 2018 from 1:00 PM - 2:00 PM Central. The agenda and any work papers will be posted on the NAESB Update Call 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.

NAESB Update Conference Call Participant List	
October 17, 2018 1:00 PM Central	
Name	Organization
Denise Adams	ONEOK
Jason Adams	TVA
Jonathan Booe	NAESB
Jana Bordenkircher	APS
Cade Burks	Big Data Energy
Donald Coffin	Green Button Alliance
Chuck Cook	Chevron Natural Gas
David Crabtree	Tampa Electric
Marilyn Franz	NV Energy
Blair Fink	Georgia Public Service Commission Staff
Eric Griffin	Southern Company Services
Matt Harward	SPP
Linda Horn	Wisconsin Electric Power
Andrew Howse	Ontario Ministry of Energy
Tom Kraft	ONEOK
Elizabeth Mallett	NAESB
Steve McCord	TransCanada Pipelines Limited
Patrick McGovern	Georgia Transmission Corporation
Sheldon Perry	OATI
Joshua Phillips	SPP
Jeremy Roberts	Green Button Alliance
Narinder Saini	Entergy
Keith Sappenfield	ERM
Herb Schrayshuen	New York State Reliability Council
Ed Skiba	MISO
Roy True	ACES
Caroline Trum	NAESB
JT Wood	Southern Company
Joel Yu	Con Edison of New York