**` October 17, 2019**

**TO:** NAESB Wholesale Gas Quadrant Executive Committee and Interested Industry Participants

**FROM:** Elizabeth Mallett, NAESB Deputy Director

**RE:** Wholesale Gas QuadrantExecutive Committee Meeting Draft Minutes

**NORTH AMERICAN ENERGY STANDARDS BOARD**

**WHOLESALE GAS QUADRANT**

**EXECUTIVE COMMITTEE MEETING**

**Thursday, October 17, 2019 – 10:00 AM – 4:00 PM Eastern**

**DRAFT MINUTES**

**1. Welcome**

Mr. Buccigross called the meeting to order and welcomed the Wholesale Gas Quadrant (WGQ) Executive Committee members, alternates, and other participants. Ms. Mallett read the [NAESB Antitrust and Other Meeting Policies](http://www.naesb.org/misc/antitrust_guidance.doc) and called the roll of the WGQ Executive Committee members and alternates. Quorum was established. Mr. Buccigross thanked Ms. Hogge, Ron Tomlinson and Dominion for hosting the meeting. He welcomed the new WGQ Executive Committee alternate, Mr. Burden, and thanked the resigning WGQ Executive Committee members and alternates, including Chris Briggs, Mike Novak, Michelle Mendoza, and Jack Dannis for their participation.

1. **Agenda**

Ms. Hogge stated that Minor Corrections MC19015 and MC19016 were not processed before the meeting and should be removed from the review of minor corrections under Agenda Item 7. Ms. Hogge moved to adopt the [agenda](https://www.naesb.org/pdf4/ec101519a.docx) with the proposed revisions to Agenda Item 7. Ms. McCain seconded the motion. The motion passed without opposition.

Mr. Buccigross noted that redlined draft minutes from the March 28, 2019 WGQ Executive Committee Meeting were posted for the meeting. Ms. Van Pelt moved to adopt the redlined draft minutes as final. Mr. Peress seconded the motion. Ms. McCain suggested an edit to the consent agenda section, changing a reference from “WEQ” to “WGQ”. The friendly amendment was accepted by Ms. Van Pelt and Mr. Peress. The motion to adopt the revised redlined draft minutes as final passed with no opposition.

The March 28, 2019 WGQ Executive Committee final minutes may be accessed at the following link: <https://www.naesb.org//pdf4/wgq_ec032819fm.docx>.

1. **Review and Consider for Vote the Recommendation to Support Standards Request R18013 - Request to modify NAESB Standard No. 4.3.49 to allow for processing functions at the line item level on Customer Activities websites and to allow for the use of icons and/or graphical control elements for navigation and/or processing functions**

Ms. Hogge reviewed Standards Request R18013, submitted by Boardwalk Pipeline Partners LP, Dominion Energy Transmission Inc., Northern Natural Gas, and TransCanada Pipelines Limited, with the participants. She stated that the [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_r18013_rec.docx) contains an additional statement within NAESB WGQ Standard No. 4.3.49 allowing for processing functions at the line item level on Customer Activities websites. Ms. Hogge stated that corresponding changes were also made to the Quadrant Electronic Delivery Mechanisms (QEDM) Manual. No comments were submitted during the thirty-day formal industry comment period. Mr. Buccigross suggested that the vote on the recommendations for Standards Requests R18013 and R19001 [Agenda Item #4] be combined. There were no objections to combining the vote.

**4. Review and Consider for Vote the Recommendation to Support Standards Request R19001- Request to add a Sender’s Option data element “Location Fuel Area” to NAESB WGQ Standard No. 0.4.4 (Location Data Download)**

Ms. Hogge reviewed Standards Request R19001, submitted by Enbridge (U.S.) Inc., with the participants. She stated that the [recommendation](https://www.naesb.org/pdf4/wgq_r19001_rec.docx) adds a Sender’s Option data element “Location Fuel Area” to NAESB WGQ Standard No. 0.4.4 (Location Data Download). She noted that the Location Data Download has no corresponding Electronic Delivery Interface (EDI) section. No comments were submitted during the thirty-day formal industry comment period.

Ms. Hogge moved to adopt the recommendations for Standards Requests R18013 and R19001. Mr. Hiller seconded the motion. Mr. Buccigross opened the floor for questions or comments. None were offered. The motion passed a super majority roll call vote. **[Vote 1]**

**5. Review and consider for vote the recommendation to support Standards Request R19006 - Request to change NAESB WGQ Standard No. 6.3.1 – Base Contract for Sale and Purchase of Natural Gas, Section 2.31: Spot Price Publication**

Mr. Sappenfield reviewed the [recommendation](https://www.naesb.org/pdf4/wgq_r19006_rec.docx) for Standards Request R19006 with the participants. He stated that the recommendation, submitted by Argus Media, Inc., modifies NAESB WGQ Standard No. 6.3.1 NAESB Base Contract for Sale and Purchase of Natural Gas to include “Argus National Gas, VWA”, as a listed option for Spot Price Publication. He indicated that “VWA” is an initialism for “volume-weighted average.” Mr. Sappenfield stated that no comments were received on the recommendation during the thirty-day industry comment period.

Mr. Peress moved to adopt the recommendation for R19006 as final. Ms. Crockett seconded the motion. The motion passed a super majority roll call vote. **[Vote 2]**

**6. Review and Consider for Vote the Recommendation for R18007-A/2019 WGQ Annual Plan Item 5 – 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**

Ms. Munson reviewed the [recommendation](https://www.naesb.org/pdf4/wgq_r18007-A_rec.doc). She noted that the WGQ Executive Committee received three comments from entities during the abbreviated twenty-four day formal comment period: [Comment Summary Submitted by Cheniere Corpus Christi Liquefaction](https://www.naesb.org/pdf4/wgq_092319_cheniere_corpus_christi_liquefaction.docx), [Attachment C Redline Mark-up Submitted by Cheniere Corpus Christi Liquefaction](https://www.naesb.org/member_login_check.asp?doc=wgq_092319_cheniere_corpus_christi_liquefaction_attachC.docx), and [Comments Submitted by Enbridge (U.S.) Inc.](https://www.naesb.org/pdf4/wgq_092319_enbridge_us_inc.docx) Those comments were later combined together by the Chairs of the WGQ BPS, WGQ EDM, and WGQ Contracts Subcommittees and submitted as three additional comments for the WGQ Executive Committee to review – [Comments on Recommendation](https://www.naesb.org/pdf4/wgq_092319_wgq_bps_edm_contracts_chair_comments_rec.doc), [Comments on Attachment B](https://www.naesb.org/member_login_check.asp?doc=wgq_092319_wgq_bps_edm_contracts_chair_comments_rec_attachB.docx), and [Comments on Attachment C](https://www.naesb.org/member_login_check.asp?doc=wgq_092319_wgq_bps_edm_contracts_chair_comments_rec_attachC.docx).

Ms. Munson stated that R18007 requested the development of 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 (Base Contract), in order to capitalize on smart contract and distributed ledger technologies (Blockchain). She explained that the recommendation for the request has been divided into two parts, Part A and Part B. A recommendation for Part A has been developed and is being considered today, and the subcommittees anticipate completing Part B at a later date. Ms. Munson explained that Part A of the recommendation contains modifications to the Executive Summary of the WGQ Contract Manual to include a descriptor of the new business process and a section on Datasets, the addition of Definitions 6.2.z1-6.2.z7 and Standards 6.3.z100-6.3.z107, the addition of a Contracts Dataset (including the Technical Implementation of the Business Process, Data Dictionary, and a Code Values Dictionary), and a Paper Sample of the Base Contract.

Mr. Connor stated that he had participated throughout the development of the recommendation for Part A and noted that Ms. Munson did an outstanding job at leading the process. He added that he did not expect that the FERC will take action on the standards and asked whether the standards would be copyrighted. Ms. Munson stated that all of the business practice standards and model business practices that NAESB develops are copyrighted. He asked whether the work within the Department of Energy (DoE) would be monitored by the subcommittees. Ms. Crockett stated that the pilot project would take place within Tennessee Valley Authority (TVA) and monitoring a TVA pilot project is outside the scope of the subcommittee and the annual plan item. Ms. Van Pelt asked for an explanation of the DoE process. Ms. Crockett explained that the pilot program would take place within TVA. She stated that TVA saw an opportunity for efficiency gains that could tremendously reduce processing and the DoE requested that TVA test the process. Mr. Peress asked whether the resulting digital contract would be used in interstate commerce. Ms. Crockett responded affirmatively. Mr. Booe stated that, similar to the Sandia National Laboratories surety assessment, the DoE contacted NAESB with an interest in the standards development effort. There was a request from the DoE to complete the effort quickly in order to facilitate testing. He stated that NAESB will respond to any standards requests that may result from the pilot test, but has no formal role in the testing.

Mr. Buccigross stated that NAESB developed the Base Contract in 1996 and, since that time, it has not been adopted by any regulatory authorities. He added that, the contract, as modified to reflect current industry practices, has become the most widely adopted agreement for the sale and purchase of natural gas. He noted that the standards developed under R18007 are voluntary and a signed paper agreement will remain an option for the industry. Mr. Gwilliam asked whether any changes to the standards will lead to the DoE changing its test. Ms. Crockett stated that any enhancements to the standards would go through the NAESB standards development process and the DoE would be made aware during the testing period. Mr. Buccigross asked how the Electronic Delivery Mechanisms (EDM) aspects would be transmitted to the protocol. Ms. Munson stated that the effort would be similar to what was done to support a review of Extensible Markup Language (XML).

Mr. Peress moved to adopt the [recommendation for R18007-A](https://www.naesb.org/pdf4/wgq_ec101719a4.doc) with the revisions contained in the chair’s work paper. Mr. Parker seconded the motion. The motion passed a supermajority roll call vote unanimously without opposition. [**Vote 3**]

1. **Review and Consider for Vote Minor Correction**

Mr. Buccigross asked Ms. Hogge to review the minor corrections, all submitted by Kinder Morgan Inc. He recommended that the proposed minor corrections be considered through a single, combined vote.

Ms. Hogge stated that [MC19010](https://www.naesb.org/pdf4/wgq_mc19010.docx). and the [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19010_rec_101719.docx) modifies NAESB WGQ Standard No. 1.4.2 – Nomination Quick Response data set to change the condition of the Service Requester Contract for the Pathed Non-Threaded (Unthreaded) segment. Ms. Hogge stated that, in the recommendation for Standards Request R17002, the WGQ previously modified NAESB WGQ Standard No. 1.4.1 – Nomination, but overlooked the addition to WGQ Standard No. 1.4.2 – Nomination Quick Response. Minor Correction MC19010 includes the corresponding edits in the Nomination Quick Response data set.

Ms. Hogge reviewed [MC19012](https://www.naesb.org/pdf4/wgq_mc19012.docx) with the participants. The [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19012_rec_101719.docx) modifies NAESB WGQ Standard No 1.4.2 – Nomination Quick Response to accommodate the new data element Service Requester Agent. Ms. Hogge stated that previous versions contained modifications to NAESB WGQ Standard No. 1.4.1 – Nomination, but overlooked WGQ Standard No. 1.4.2 – Nomination Quick Response. Minor Correction MC19012 includes the corresponding edits in the Nomination Quick Response dataset.

Ms. Hogge reviewed [MC19014](https://www.naesb.org/pdf4/wgq_mc19014.docx). The [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19014_rec_101719.docx) modifies the usage in the Allocation Transaction Matrix for Upstream /Downstream Identification Code, Imbalance Period and Route, as needed, in the NAESB WGQ Standard No. 2.4.3 Allocation data set. Ms. Hogge stated the minor correction is specific to the pathed nonthreaded unthreaded model. She explained that some data elements were added to the data set but not included in the Allocation transaction type matrix. She added that MC19014 consisted of clean up rather than the addition of new data elements.

Ms. Hogge explained that [MC19017](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19017.docx). and the [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19017_rec_101719.docx) modifies six datasets to update the definition of the Transaction Type code value PAL Balancing to allow for the transfer of quantities between contracts. Ms. Hogge stated that the minor correction provides more flexibility to the definition of the term. She stated that the current definition limits nominated quantity transfer between locations only, but PAL Balancing may also be done by transferring quantities between contracts. Some entities used the code value to balance one contract to another, rather than one location to another. In order to avoid adding a data element, the definition itself was expanded.

Ms. Hogge reviewed [MC19018](https://www.naesb.org/pdf4/wgq_mc19018.docx). The [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19018_rec_101719.docx) modifies NAESB WGQ Standard No. 1.4.1 – Nomination data set to correct the usage for the Route data element in the pathed non-threaded unthreaded transactions. Ms. Hogge stated that this usage was either Business Conditional (BC) or Conditional (C) in the existing version, but it was found that it was really not used in the non-threaded unthreaded model type.

Ms. Hogge reviewed [MC19019](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19019.docx). The [recommendation](https://www.naesb.org/member_login_check.asp?doc=wgq_mc19019_rec_101719.docx) modifies NAESB WGQ Standard Nos. 5.4.24 – Offer and 5.4.26 – Award to correct the Transaction Set Tables descriptions to align with the Code Values Dictionary description.

Mr. Gracey moved to adopt Minor Corrections 19010, 19012, 19014, 19017, 19018, and 19019. Ms. Hogge seconded the motion. The motion unanimously passed a simple majority vote.

1. **Subcommittee Updates**

Triage Subcommittee

Mr. Booe stated that the triage disposition for Standards Request R19006 was sent out in April and the assignment to the WGQ Contracts Subcommittee was approved in mid-May. Also, in May, two dispositions were approved for WEQ requests submitted from the North American Electric Reliability Corporation (NERC) to NAESB. Finally, in the RMQ, the disposition for Standards Request R19010 was approved in mid-August. That request proposes updates to the NAESB REQ.21 ESPI Retail Customer Schema with additional schema attributes.

Business Practices Subcommittee (BPS)

Ms. Munson stated that the WGQ BPS continues to hold joint meetings with the WGQ Contracts Subcommittee and the WGQ Electronic Delivery Mechanisms (EDM) Subcommittee to draft a recommendation for R18007-B, as discussed in Agenda Item 6.

Electronic Delivery Mechanisms (EDM) Subcommittee

Mr. Spangler stated that the WGQ EDM Subcommittee has been developing a recommendation under 2019 WGQ Annual Plan Item 6, which calls for the development of standards, if needed, to support any recommendations resulting from the Sandia National Laboratories (Sandia) Surety Assessment Report. Ms. Van Pelt stated that, before the next WGQ publication, the WGQ EDM Subcommittee will need to complete a recommendation for 2019 WGQ Annual Plan Item 2, the annual review of Appendices B, C, and D in the Quadrant EDM Related Standards Manual.

Information Requirements and Technical Subcommittees (IR/Tech)

Ms. Hogge stated that the WGQ IR/Tech has two outstanding standards requests. First, the recommendation for Standards Request R17008, has been put on hold, rather than withdrawing the request, the proposal is to move it to provisional on the annual plan. R17008 requests that the invoice allocation dataset be converted to XML. Second, during its next meeting, the subcommittee anticipates voting on a recommendation for Standards Request R19011. R19011 requests modifications to the EDI data set structure, or the 811 transaction set. The subcommittee has two minor corrections that it will begin work on during its upcoming meeting.

Contracts Subcommittee

Mr. Sappenfield stated that the WGQ Contracts Subcommittee continues to hold joint meetings with the WGQ BPS and WGQ EDM Subcommittee to discuss Standards Request R18007. Mr. Sappenfield explained that, as part of R18007, the subcommittee is reviewing the data transaction line by line and may find language beneficial to 2020 WGQ Annual Plan Item 1 during that process. Currently, the work on the NAESB Base FAQ document under 2020 WGQ Annual Plan Item 1 is on hold until the completion of the recommendation for R18007B.

WEQ/WGQ Federal Energy Regulatory Commission (FERC) Forms Subcommittee

Mr. Spangler stated that the FERC issued Order No. 859, adopting eXtensible Business Reporting Language (XBRL), as a format to file certain Commission Forms. Mr. Spangler stated that NAESB will continue to monitor and work with FERC on the transition. He stated that FERC has announced it will hold a technical conference on the topic. Mr. Booe stated that the FERC Forms updates will remain on the agenda for the NAESB Update Calls, and as soon as the NAESB staff hears of any developments, it will let the Executive Committee and the industry know.

1. **Adoption of the 2019 WGQ Annual Plan Adopted by the Board of Directors on September 5, 2019**

Mr. Buccigross reviewed the [2019 WGQ Annual Plan](http://www.naesb.org/pdf4/wgq_2019_annual_plan.docx) as adopted by the Board of Directors on September 5, 2019. He stated that 2019 WGQ Annual Plan Item 2 has not yet started. That item asks the WGQ EDM Subcommittee to review and update several Appendices in the Quadrant Electronic Delivery Mechanisms Manual (QEDM). The committee accepted Ms. Van Pelt’s suggestion to move the completion date for 2019 WGQ Annual Plan Item 2 to the fourth quarter of 2019. The participants noted that 2019 WGQ Annual Plan Item 3 would be carried over to the next year, as it is related to the FERC Order No. 859 adopting XBRL. The completion date for the item was changed from 2019 to 2020. 2019 Annual Plan Item 4/R17008 was moved to the provisional items on the 2019 and 2020 WGQ Annual Plans. The completion date of 2019 Annual Plan Item 6.c was moved to the first quarter of 2020.

Ms. Van Pelt moved, seconded by Ms. McCain, to adopt the [2019 WGQ Annual Plan as revised](https://www.naesb.org/pdf4/wgq_ec101719a1.docx) during the meeting. The motion passed a simple majority vote without opposition.

1. **Adoption of the 2020 WGQ Annual Plan Adopted by the Annual Plan Subcommittee**

Mr. Sappenfield reviewed the [2020 WGQ Annual Plan](https://www.naesb.org/pdf4/wgq_ec101719w2.docx) as adopted by the Annual Plan Subcommittee. He stated that 2020 Annual Plan Item 1 had changed to an update of the NAESB Base Contract for Sale and Purchase of Natural Gas Frequently Asked Questions for use of Transaction Confirmation. He noted that on 2020 WGQ Annual Plan Item 5, the approach is to develop the Transaction Confirmation and the Sale and Purchase Invoice in one package. 2020 WGQ Agenda Item 5 was modified accordingly. Ms. Hogge suggested adding the items from 2019 WGQ Annual Plan Item 1, concerning the surety assessment, to 2020 WGQ Annual Plan Item 6 with a 2020 completion date. The modifications were applied. The participants agreed that the item in response to R17008 would be moved to provisional as it was in the modified 2019 WGQ Annual Plan and the item to update the Standards Matrix Tool would become 2020 WGQ Annual Plan Item 4 with a status of completed.

Mr. Parker moved to adopt the [2020 WGQ Annual Plan as revised](https://www.naesb.org/pdf4/wgq_ec101719a2.docx) during the meeting. Ms. Hogge seconded the motion. The motion passed a simple majority vote without opposition.

1. **Publication Schedule Review**

Mr. Buccigross noted that the publication schedule updates for the [RMQ](http://www.naesb.org/misc/retail_publication_schedule_ver3_3.doc), the [WEQ](http://www.naesb.org/misc/weq_publication_schedule_ver3_3.doc), and the [WGQ](http://www.naesb.org/misc/wgq_publication_schedule_ver3_2.doc) were contained in the meeting materials. Ms. Rager noted that the scheduled publication date for Version 003.2 is set for the end of the first quarter of 2020. Ms. Van Pelt stated that, during the Board of Directors meeting, it was discussed that the first quarter for publication of Version 3.2 for the WGQ was not feasible for several reasons. Specifically, the first quarter publication date would result in all three quadrants publishing in the same quarter; there are several standards requests that will need to be accommodated in the February Executive Committee meeting; and the recommendation for the Quadrant Electronic Delivery Mechanisms manual (QEDM) has not yet been considered due to the Sandia efforts. Mr. Booe stated that Ms. Rager has begun and will soon complete the compilation of the RMQ publication, and the WEQ publication would be next, as the quadrant is holding a subsequent Executive Committee meeting to wrap up its standards development efforts. He noted the Department of Energy request to expedite the standards and stated that NAESB has remained in contact with the agency. He stated that a motion could be made to make the recommendation to the Board Revenue Committee. Ms. Van Pelt moved to recommend to the Board Revenue Committee that Version 3.2 of the WGQ publication should be published within the second quarter. Ms. Hogge seconded the motion. Ms. McCain stated that she would rather delay the publication if a better work product would result after an additional month or two to finalize recommendations. Mr. Booe asked for any objections to the motion. None were offered. Ms. Rager reviewed the number of final actions to be included in Version 003.3 of the WEQ publication and Version 3.3 of the RMQ publication. She noted that the publication dates for both quadrants have been set for the first quarter of 2020.

1. **Board of Directors, Board Committee, and Regulatory Updates**

Mr. Booe provided the updates.

NAESB [membership](https://www.naesb.org/misc/membership_report_083119.docx) is currently down by 16 members, with a total of 292 members. Although 16 resignations is not unusual, the difference is usually offset with new members. This year 5 new members have joined. The WEQ standards are currently the subject of a FERC Notice of Proposed Rulemaking and, when the final order is issued, that may result in an uptick of membership and standards purchases. The details are included in the meeting materials. Mr. Peress suggested that NAESB provide a presentation and host a table at the NARUC meeting in order to spread the benefits of membership. Mr. Booe stated that NAESB has been providing webinars to NARUC with the most recent one in September. He noted that hosting a table could be a discussion for the Board Revenue Committee.

The [Board of Directors](https://www.naesb.org/pdf4/bd090519dm.docx) held its meeting of the members and strategic session in September. Shawn Bennett, the Deputy Assistant Secretary for Oil and Natural Gas at the Department of Energy, provided comments during the meeting on where the market is heading and his interest in distributed ledger technology. The Department of Energy has been following the distributed ledger activities within NAESB closely. The next Board of Directors meeting will be held in December.

The [Board Managing Committee](https://www.naesb.org/pdf4/managing082019notes.docx) met in late August to discuss topics regarding personnel and succession planning.

The [Board Digital Committee](https://www.naesb.org/pdf4/bd_digital080819notes.docx) has held regular meetings to develop a report to be submitted to the Board of Directors. The committee is examining a number of areas that are impacted by digital technology or will impact digital technology with the aim of determining whether NAESB should develop standards to assist with implementation. The committee sent out a couple of surveys to receive feedback from its members and a broader survey to the Board of Directors will likely be sent in the future. Mr. Buccigross noted that the Sandia National Laboratories surety assessment triggered the analysis of several of the areas, as the report touched upon issues that NAESB has not addressed in the past.

In November, the [Board Strategy Committee](https://www.naesb.org/pdf4/bd_strategy_112119mn.docx) will hold a conference call to review certain recommendations contained in the Sandia National Laboratories surety assessment. In the assessment, Sandia noted that NAESB could consider alternative paths to support faster processing of cybersecurity standards. That discussion will, ultimately, need to be considered by the Board of Directors. Additionally, during its November meeting the Board Strategy Committee will review each of the 2020 Annual Plans adopted by the Executive Committees to ensure consistency with the [2019-2021 NAESB Strategic Plan](https://www.naesb.org/pdf4/naesb_strategic_plan_2019_2021.pdf) and discuss the potential development of the 2020 NAESB Standards Development Survey.

The [Board Revenue Committee](https://www.naesb.org/pdf4/bd_revenue082019notes.docx) met in June and again in August to discuss revenue generation, publication cycles, and the communication strategies. The committee will meet before the December Board of Directors meeting to discuss any recommendations to be made to the board regarding the publication cycles.

The [Parliamentary Committee](https://www.naesb.org/pdf4/parliamentary031219a.docx) also met in June and August to continue the process of updating the NAESB Governance Documents. The NAESB Certificate of Incorporation, the NAESB Bylaws, and the NAESB Operating Procedures are under review to ensure that they are consistent with Delaware Law, consistent with each other, and whether any Board Resolutions or established practices should be included in the text.

The [Board Critical Infrastructure Committee](https://www.naesb.org/pdf4/bd_cic081419notes.docx) held conference calls to review the Sandia National Laboratories surety assessment recommendations and to draft a proposed assignment document containing action items in order to enable the subcommittees to easily address the recommendations. The Department of Energy has requested that NAESB expedite the standards development efforts in response to the surety assessment. The subcommittees have held more frequent meetings and prioritized the recommendations developed in response to the surety assessment.

Mr. Booe stated that a [Notice of Proposed Rulemaking](https://www.naesb.org/pdf4/ferc051619_nopr_naesb_weq_v003.2_rm05-5-027.pdf) was issued for Version 003.2 of the WEQ Business Practice Standards. The last final order on the WEQ standards was over five years ago, so FERC received numerous comments on the proposed rule. Additionally, on July 23, 2019, NAESB filed a [status report](https://www.naesb.org/pdf4/ferc072319_naesb_pfv_status_report.pdf) to the Commission concerning the Parallel Flow Visualization standards development effort. That report provided information regarding the completion of the PFV field trial, a timeline for the completion of the PFV-related standards development, and an update on the continued coordination efforts between NAESB, NERC, and the EIDSN, Inc.

1. **Other Business**

No other business was discussed.

1. **Adjourn**

The meeting adjourned at 11:21 PM Central on a motion by Ms. Hogge.

1. **Attendance**

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| **Wholesale Gas Quadrant Executive Committee** | | **Attendance** | **Vote 1** | **vote 2** | **Vote 3** |
| **Producers Segment** | | | | | |
| Sarah Tomalty | Senior Regulatory Affairs Advisor, BP Energy Company |  |  |  |  |
| Ben Schoene | Senior Regulatory Affairs Analyst, ConocoPhillips Company | By Phone | In Favor | In Favor | In Favor |
| Chuck Cook | Manager - Regulatory Affairs, Chevron Natural Gas | By Phone | In Favor | In Favor | In Favor |
| Chris C. Briggs | General Manager, Marketing Operations, Anadarko Energy Services Company |  |  |  |  |
| Randy E. Parker | Regulatory Affairs Upstream Commercial, Exxon Mobil Corporation | In Person | In Favor | In Favor | In Favor |
| **Pipeline Segment** | | | | | |
| Kim Van Pelt | Manager of Regulatory Reporting and Compliance, Boardwalk Pipeline Partners, LP | In Person | In Favor | In Favor | In Favor |
| Tom Gwilliam | Commercial Regulations and Standards Manager, Iroquois Gas Transmission System | In Person | In Favor | In Favor | In Favor |
| Rachel A. Hogge | Gas Market Program Coordinator, Dominion Energy Transmission Inc. | In Person | In Favor | In Favor | In Favor |
| Mark Gracey | Director – Business Processes, System Compliance, Kinder Morgan Inc | In Person | In Favor | In Favor | In Favor |
| Marcy McCain | Specialist II Tariffs, Enbridge (U.S.) Inc. | In Person | In Favor | In Favor | In Favor |
| **Local Distribution Company (LDC) Segment** | | | | | |
| Pete Connor | Contractor, American Gas Association | By Phone | In Favor | In Favor | In Favor |
| Andrew MacBride (as alt for Craig Colombo) | Energy Trader III, Dominion Energy Inc. | By Phone | In Favor | In Favor | In Favor |
| Archie Hickerson | Director Rates & Tariff Administration, Southern Company Gas | By Phone | In Favor | In Favor | In Favor |
| Abdessamad Nassif | Energy Supply Trader Supervisor -Gas & Coal, Colorado Springs Utilities | By Phone | In Favor | In Favor | In Favor |
| Kathryn Ferreira | Manager of Energy Training and Systems – Gas Supply, New Jersey Natural Gas |  |  |  |  |
| **End Users Segment** | | | | | |
| N. Jonathan Peress | Director, Energy Market Policy, Environmental Defense Fund, Inc. | In Person | In Favor | In Favor | In Favor |
| Valerie Crockett | Senior Program Manager - Regulatory & Policy, Tennessee Valley Authority | In Person | In Favor | In Favor | In Favor |
| Willis E. McCluskey | Senior Fuel Supply Analyst, Salt River Project Agricultural Improvement & Power District | By Phone | In Favor | In Favor | In Favor |
| Roy Hiller | Natural Gas Operations Manager, Southern Company Services, Inc. | In Person | In Favor | In Favor | In Favor |
| Leonard Ashley | Advisor II, Strategy and Business Development, Midcontinent Independent System Operator | By Phone | In Favor | In Favor | In Favor |
| **Services Segment** | | | | | |
| Rakesh Agrawal | Executive Vice President, Blackstone Technology Group, Inc. | In Person | In Favor | In Favor | In Favor |
| Lisa Simpkins | Environmental and Fuels Policy, Federal Regulatory Affairs, Exelon Generation Company, LLC | In Person | In Favor | In Favor | In Favor |
| Leigh Spangler | President, Latitude Technologies, LLC | By Phone | In Favor | In Favor | In Favor |
| Jim Buccigross | Vice President – Energy Industry Practice, 8760 Inc | In Person | In Favor | In Favor | In Favor |
| Sylvia Munson (as alt for Greg Lander) | President, Skipping Stone, LLC | By Phone | In Favor | In Favor | In Favor |

| **Other Participants** | | |
| --- | --- | --- |
| **Participant** | **Organization** | **Attendance** |
| Jonathan Booe | North American Energy Standards Board | In Person |
| Christopher Burden | Enbridge (U.S.) Inc. | In Person |
| Dennis Gee | Pacific Gas and Electric | By Phone |
| Nichole Lopez | Kinder Morgan Inc. | In Person |
| Elizabeth Mallett | North American Energy Standards Board | In Person |
| Steve McCord | TransCanada Pipeline Limited | In Person |
| Denise Rager | North American Energy Standards Board | By Phone |
| Keith Sappenfield | Corpus Christi Liquefaction, LLC | By Phone |
| Veronica Thomason | North American Energy Standards Board | In Person |
| Jill Vaughan | Court Reporter | In Person |