



## NORTH AMERICAN ENERGY STANDARDS BOARD

801 Travis, Suite 1675 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067  
email: naesb@naesb.org • Web Site Address: www.naesb.org

---

March 30, 2017  
Filed Electronically

The Honorable Kimberly D. Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street NE, Room 1A  
Washington, D.C. 20426

RE: NAESB Status Report for Submittal to the Commission Concerning FERC Order No. 809 *Coordination of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities* (Docket No. RM14-2-000)

Dear Ms. Bose:

The North American Energy Standards Board (NAESB) is voluntarily submitting this status report to the Federal Energy Regulatory Commission (“FERC” or “Commission”) in response to the April 16, 2015 FERC Order No. 809 *Coordination of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities*<sup>1</sup>, the subsequent September 17, 2015 Order on Rehearing<sup>2</sup>, and the exchange of correspondence dated October 18, 2016<sup>3</sup> and October 26, 2016<sup>4</sup> between Chairman Bay and Rae McQuade, NAESB President and Chief Operating Officer. In Paragraph 107 of FERC Order No. 809, the Commission requested that the “gas and electric industries, through NAESB, explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary.” In his October 18, 2016 letter, Chairman Bay encouraged “NAESB to complete by March 31, 2017 the development of standards or modification to existing standards as needed to support the request of the Commission and to provide opportunities for faster and more frequent scheduling.”<sup>5</sup> The purpose of this status report is to inform the Commission of the actions taken by NAESB on the Gas-Electric Harmonization (GEH) standards development effort. Five status reports precede this report, and were submitted to the Commission in Docket No. RM14-2-000 on August 4, 2015<sup>6</sup>, December 22, 2015<sup>7</sup>, July 29, 2016<sup>8</sup>, October 17, 2016<sup>9</sup>, and December 20, 2016<sup>10</sup>.

---

<sup>1</sup> *Coordination of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities*, Order No. 809, 80 Fed. Reg. 23197 (Apr. 24, 2015), FERC Stats. & Regs. ¶ 31,368 (cross-referenced at 151 FERC ¶ 61,049) (2015) (Order No. 809).

<sup>2</sup> *Coordination of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities*, Order on Rehearing, 152 FERC ¶ 61,212 (2015) (Order on Rehearing).

<sup>3</sup> The October 18, 2016 Correspondence from Chairman Bay to Rae McQuade is available at the following link:  
[https://www.naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://www.naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf).

<sup>4</sup> The October 26, 2016 Correspondence to Chairman Bay from Rae McQuade is available at the following link:  
[https://www.naesb.org/pdf4/102616\\_naesb\\_response\\_to\\_ferc\\_chairman\\_bay\\_re\\_order809.pdf](https://www.naesb.org/pdf4/102616_naesb_response_to_ferc_chairman_bay_re_order809.pdf).

<sup>5</sup> Chairman Bay, *supra* note 3.

<sup>6</sup> The August 4, 2015 *NAESB Update Report for Submittal to the Commission Concerning FERC Order No. 809* is available at the following link:  
[https://www.naesb.org/pdf4/ferc080415\\_naesb\\_update\\_report\\_order809.pdf](https://www.naesb.org/pdf4/ferc080415_naesb_update_report_order809.pdf).

<sup>7</sup> The December 22, 2015 *NAESB Status Report for Submittal to the Commission Concerning FERC Order No. 809* is available at the following link:  
[https://www.naesb.org/pdf4/ferc122215\\_naesb\\_order809\\_status\\_report.pdf](https://www.naesb.org/pdf4/ferc122215_naesb_order809_status_report.pdf).

<sup>8</sup> The July 29, 2016 *NAESB Status Report for Submittal to the Commission Concerning FERC Order No. 809* is available at the following link:  
[https://www.naesb.org/pdf4/ferc072916\\_naesb\\_order809\\_status\\_report.pdf](https://www.naesb.org/pdf4/ferc072916_naesb_order809_status_report.pdf).

<sup>9</sup> The October 17, 2016 *NAESB Status Report for Submittal to the Commission Concerning FERC Order No. 809* is available at the following link:  
[https://www.naesb.org/pdf4/ferc101716\\_naesb\\_order809\\_status\\_report.pdf](https://www.naesb.org/pdf4/ferc101716_naesb_order809_status_report.pdf).

<sup>10</sup> The December 20, 2016 *NAESB Status Report for Submittal to the Commission Concerning FERC Order No. 809* is available at the following link:  
[https://www.naesb.org/pdf4/ferc122016\\_naesb\\_order809\\_status\\_report.pdf](https://www.naesb.org/pdf4/ferc122016_naesb_order809_status_report.pdf).



## NORTH AMERICAN ENERGY STANDARDS BOARD

801 Travis, Suite 1675 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067  
email: [naesb@naesb.org](mailto:naesb@naesb.org) • Web Site Address: [www.naesb.org](http://www.naesb.org)

---

March 30, 2017  
Page 2

The cover letter, report, and enclosures are being filed electronically in Adobe Acrobat® Portable Document Format (.pdf), with each enclosure bookmarked separately. The entire filing is also available on the NAESB website ([www.naesb.org](http://www.naesb.org)). Please feel free to call the office at (713) 356-0060 or refer to the NAESB website ([www.naesb.org](http://www.naesb.org)) should you have any questions or need additional information regarding the report.

Respectfully submitted,

Rae McQuade

Ms. Rae McQuade

President & COO, North American Energy Standards Board

cc:

Acting Chairman, Cheryl A. LaFleur, Federal Energy Regulatory Commission  
Commissioner Collette D. Honorable, Federal Energy Regulatory Commission

Mr. Michael Bardee, Director, Office of Electric Reliability, Federal Energy Regulatory Commission

Mr. David Morenhoff, General Counsel, Office of the General Counsel, Federal Energy Regulatory Commission

Mr. J. Arnold Quinn, Director, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission

Ms. Jamie L. Simler, Director, Office of Energy Market Regulation, Federal Energy Regulatory Commission

Mr. J. Cade Burks, Chairman and CEO, North American Energy Standards Board

Ms. Valerie Crockett, Vice Chairman WGQ, North American Energy Standards Board

Mr. Michael Desselle, Vice Chairman WEQ, North American Energy Standards Board

Mr. William P. Boswell, General Counsel, North American Energy Standards Board

Mr. Jonathan Booe, Executive Vice President & CAO, North American Energy Standards Board

Terry Thorn, Advisory Council, North American Energy Standards Board

Sue Tierney, Advisory Council, North American Energy Standards Board



## NORTH AMERICAN ENERGY STANDARDS BOARD

801 Travis, Suite 1675 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067  
email: [naesb@naesb.org](mailto:naesb@naesb.org) • Web Site Address: [www.naesb.org](http://www.naesb.org)

---

March 30, 2017  
Page 3

Enclosures (all documents noted in the appendices are available publicly on the NAESB website, [www.naesb.org](http://www.naesb.org)):

Appendix A	GEH Forum Meeting Notes, Work Papers, and Comments
Appendix B	GEH Forum Survey, Results, and Comments
Appendix C	WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present
Appendix D	NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016
Appendix E	NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016
Appendix F	NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016
Appendix G	NAESB 2017 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016
Appendix H	Recommendations, Comments, and WGQ Executive Committee Voting Record
Appendix I	No Action Recommendations, Comments, and WGQ Executive Committee Voting Record
Appendix J	Links to the WGQ Executive Committee Meeting Minutes and Work Papers
Appendix K	NAESB Board of Directors Meeting Minutes and Work Papers
Appendix L	List of Available Transcripts
Appendix M	Copyright and Accessibility of Standards and Work Products
Appendix N	End Notes – NAESB 2016 and 2017 WEQ and WGQ Annual Plans

**UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION**

**Coordination of the Scheduling Processes of )  
Interstate Natural Gas Pipelines and Public Utilities )**

**Docket No. RM 14-2-000**

**REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD**

The North American Energy Standards Board (NAESB) is voluntarily submitting this report to the Federal Energy Regulatory Commission (“FERC” or “Commission”) to inform the Commission of action taken by NAESB in response to FERC Order No. 809<sup>1</sup> and to supplement the previous related status reports submitted to the Commission.

To support the report and to offer a complete record of the NAESB activities completed in response to FERC Order No. 809, thirteen enclosures are attached to this submittal.

1. Appendix A provides the Gas-Electric Harmonization (GEH) Forum meeting notes, work papers, and comments
2. Appendix B provides the GEH Forum Survey, results, and comments
3. Appendix C provides the WGQ Business Practices Subcommittee (BPS) meeting minutes and work papers from January 7, 2016 to the present
4. Appendix D provides the NAESB 2016 WEQ Annual Plan adopted by the Board of Directors on December 8, 2016
5. Appendix E provides the NAESB 2016 WGQ Annual Plan adopted by the Board of Directors on December 8, 2016
6. Appendix F provides the NAESB 2017 WEQ Annual Plan adopted by the Board of Directors on December 8, 2016
7. Appendix G provides the NAESB 2017 WGQ Annual Plan adopted by the Board of Directors on December 8, 2016
8. Appendix H provides the recommendations, comments, and WGQ Executive Committee voting record
9. Appendix I provides the no action recommendations, comments, and WGQ Executive Committee voting record
10. Appendix J provides the links to the WGQ Executive Committee meeting minutes and work papers
11. Appendix K provides the NAESB Board of Directors meeting minutes and work papers
12. Appendix L provides the list of available transcripts
13. Appendix M provides the Copyright and Accessibility of Standards and Work Products
14. Appendix N provides the End Notes – NAESB 2016 and 2017 WEQ and WGQ Annual Plans

This report is intended solely as a status report from NAESB regarding activities to respond to FERC Order No. 809. NAESB does not advocate that the Commission take a particular position on any of the issues presented.

Since the development of the NAESB Wholesale Electric Quadrant (WEQ)/Wholesale Gas Quadrant (WGQ) Gas-Electric Coordination Business Practice Standards in 2004, NAESB has continued to prioritize the Commission’s

---

<sup>1</sup> Order No. 809.

requests regarding the coordination of the natural gas and electric industries with a focus on the scheduling of natural gas transportation for electric generation. Activities in response to the request of the Commission in Paragraph 107 of FERC Order No. 809 have been underway since early 2015 and were described in previous status reports submitted to the Commission on December 20, 2016, October 17, 2016, July 29, 2016, December 22, 2015, and August 4, 2015.<sup>2</sup> NAESB is submitting this report to the Commission to detail the disposition of eight recommendations that were considered during the February 23, 2017 WGQ Executive Committee meeting to support the Commission's request to "explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary."<sup>3</sup> Additionally, this status report includes notice of the disposition of a recommendation to address standards request R15008 during the February 23, 2017 WGQ Executive Committee meeting. The recommendation failed to garner the requisite segment support from the local distribution company (LDC) segment needed for approval, and although the recommendation was not specifically included in the NAESB GEH effort, comments submitted by the American Gas Association (AGA) stated that it was tangentially related to other GEH recommendations considered by the WGQ Executive Committee.

As noted in previous reports, in direct response to the Commission's request in FERC Order No. 809, the NAESB Board of Directors reactivated the NAESB Gas-Electric Harmonization Forum (the GEH Forum) to create a standards development timeline and framework addressing electronic scheduling, which, once completed, would be forwarded to the NAESB Board of Directors for approval. NAESB reported these activities to the Commission in a status report filed on August 4, 2015.

In the September 17, 2015 Order on Rehearing for FERC Order No. 809, the Commission requested "that the natural gas and electric industries, through NAESB, begin considering the development of standards related to faster, computerized scheduling and file such standards or a report on the development of such standards with the Commission by October 17, 2016."<sup>4</sup> The Commission noted that the request was made with the recognition of the time commitments required for the implementation of the revised nomination timeline set out in FERC Order No. 809. Acting upon the guidance provided by the Commission in the Order on Rehearing, the Board of Directors set a 2016 completion date for the GEH Forum timeline and defined a scope for the GEH Forum activities.

Between January 25, 2016 and May 13, 2016, the GEH Forum held five meetings spanning 49 hours with over 160 participants attending by phone or in person. The GEH Forum meetings culminated with the presentation of the NAESB GEH Forum Report and the preliminary results from the NAESB GEH Forum Survey to the Board of Directors on April 7, 2016. Subsequently, after receiving the full results of the NAESB GEH Forum Survey, the NAESB Board of Directors approved the addition of the eight items (five GEH Forum Issues and three NAESB standards requests) to the 2016 WGQ Annual Plans in response to FERC Order No. 809.<sup>5</sup> Each of the listed GEH

---

<sup>2</sup> NAESB, *supra* notes 6-10.

<sup>3</sup> Order No. 809 at P 107.

<sup>4</sup> Order on Rehearing at P 1.

<sup>5</sup> The eight 2016 WEQ and WGQ Annual Plan items related to gas-electric coordination are:

- 2016 WGQ Annual Plan Item 3(b)(i)/2016 WEQ Annual Plan Item 7.b.i: GEH Forum Issue 22 – It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion,
- 2016 WGQ Annual Plan Item 3(b)(ii)/2016 WEQ Annual Plan Item 7.b.ii: GEH Forum Issue 25 – Communication protocols with LDCs, gas generator operators and natural gas marketing companies,
- 2016 WGQ Annual Plan Item 3(b)(iii)/2016 WEQ Annual Plan Item 7.b.iii: GEH Forum Issue 26 – Improve efficiency of critical information sharing (related to issues 22 and 25),
- 2017 WGQ Annual Plan Item 3(a)(i)/2017 WEQ Annual Plan Item 7.a.i: GEH Forum Issue 33 – Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization,
- 2016 WGQ Annual Plan Item 3(b)(v)/2016 WEQ Annual Plan Item 7.b.v: GEH Forum Issue 36 – Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the "Art of Scheduling," pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type). See issue 17 in the first presentation,
- 2016 WGQ Annual Plan Item 3(c)(i): Standards Request R16003 – Develop business practices as needed to support R16003 and attachment: Special Efforts Scheduling Services for Natural Gas Pipeline Transportation - The proposed standard addresses certain business practices relating to Best Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles, b) permits flow changes outside of standard schedule flow periods; and/or c) involves Shaped Flow Transactions (as defined in the proposed standard),
- 2016 WGQ Annual Plan Item 3(c)(ii): Standards Request R16004 – Develop business practices as needed to support R16004: "Update the NAESB 1.4.1 Nomination dataset to remove all non-necessary data elements and to evaluate the use of all Mutually Agreed and Business Conditional data elements for their continued relevance," and

Forum Issues and the three standards requests were ultimately assigned to the WGQ Business Practices Subcommittee (WGQ BPS) through the 2016 and, subsequently, the 2017 WGQ Annual Plans. Additionally, the five GEH Forum Issues were included on the 2016 and, later, the 2017 WEQ Annual Plans to further the coordination of the standards development effort.

On October 17, 2016, NAESB filed a status report to the Commission providing an update and detailing the WGQ BPS efforts to develop recommendations in response to the GEH annual plan items. Following on the heels of that status report, on October 18, 2016, NAESB received correspondence from Chairman Bay regarding the GEH standards development effort. Specifically, the Chairman “encourage[d] NAESB to complete by March 31, 2017 the development of standards or modification to existing standards as needed to support the request of the Commission and to provide opportunities for faster and more frequent scheduling.”<sup>6</sup> In a letter dated October 26, 2016, Rae McQuade, NAESB President and COO, replied to Chairman Bay by thanking him for the confidence shown by the Commission in NAESB over the years, and stating that NAESB will work to complete the standards by March 31, 2017.<sup>7</sup>

On December 20, 2016, NAESB submitted an additional status report to the Commission to describe the ongoing voting activities within the WGQ BPS to address the GEH annual plan items assigned by the Board of Directors. In order to efficiently address the items, the WGQ BPS began the effort by organizing an Order of Approach that over time evolved into eight recommendations to address the annual plan items. The following chart illustrates the final organization of the GEH recommendations developed through the WGQ. The first column presents the area that the eight GEH recommendations focus on (e.g., Terminology); the second column lists the 2017 WGQ Annual Plan Item(s) that the recommendation was developed under (e.g., 2017 WGQ Annual Plan item 3(a)(i)); the third column provides the GEH Forum Issue or standards request that drove the effort (e.g., GEH Forum Issue 22); and the final column summarizes the action proposed by the WGQ BPS (e.g., No Action).

GEH Recommendation	2017 WGQ Annual Plan Item	GEH Forum Issue or Standards Request No.	Action Proposed by the WGQ BPS
Terminology	2017 WGQ Annual Plan Item 3(a)(i)	GEH Forum Issue 22	No Action
Communication Protocols and Critical Information Sharing	2017 WGQ Annual Plan Item 3(a)(ii) and 2017 WGQ Annual Plan Item 3(a)(iii)	GEH Forum Issue 25 and GEH Forum Issue 26	No Action
Multiple Confirmation Methods	2017 WGQ Annual Plan Item 3(a)(iv)	GEH Forum Issue 33	No Action
Special Efforts	2017 WGQ Annual Plan Item 3(b)(i)	R16003a, c, and d <sup>8</sup>	No Action
Nomination of Hourly Quantities	2017 WGQ Annual Plan Item 3(b)(ii) and 2017 WGQ Annual Plan Item 3(b)(i)	R16007 and R16003b	Add one definition and one standard
Level of Confirmations Part 1	2017 WGQ Annual Plan Item 3(a)(v) (Part 1)	GEH Forum Issue 36	Add one definition and two standards
Level of Confirmations Part 2	2017 WGQ Annual Plan Item 3(a)(v) (Part 2)	GEH Forum Issue 36	Add one standard
Level of Confirmations Part 3	2017 WGQ Annual Plan Item 3(a)(v) (Part 3)	GEH Forum Issue 36	Modify NAESB WGQ Standard No. 1.3.27

In total, the WGQ BPS held sixteen GEH-related conference calls and meetings that spanned twenty three days and included over one hundred and thirty participants. Per the NAESB standards development process, each of the eight recommendations were posted for a thirty day formal comment period that began on January 20, 2017 and concluded on February 20, 2017. Four of the WGQ BPS recommendations proposed that no action be taken at this time – Terminology, Communication Protocols and Critical Information Sharing, Multiple Confirmation Methods,

• 2016 WGQ Annual Plan Item 3(c)(iii): Standards Request R16007 – Develop business practices as needed to support R16007: “Update the NAESB Nomination dataset and related datasets to support the ability for a service requester to submit a single nomination with hourly quantities when such a service is supported by the TSP.”

<sup>6</sup> Chairman Bay, *supra* note 3.

<sup>7</sup> McQuade, *supra* note 4.

<sup>8</sup> As standards request R16003 touched upon many areas within the NAESB WGQ Business Practice Standards, the subcommittee divided the request into four parts to make the work more manageable. Ultimately, the recommendation on Special Efforts included three of the four parts: (a) Definitions Related to Special Efforts; (c) Special Efforts Nominations; and (d) Special Efforts Capacity Release. Part (b), addressing the Nominations of Hourly Quantities, is included in the Nomination of Hourly Quantities recommendation.

and Special Efforts. Four of the recommendations proposed additional standards and/or the modification of existing standards – Nomination of Hourly Quantities and Level of Confirmations Parts 1-3. The recommendations and submitted comments were reviewed during the February 23, 2017 WGQ Executive Committee meeting.<sup>9</sup> Of the four recommendations that proposed additional standards and/or the modification of existing standards, all failed due to a lack of requisite support from a segment – two recommendations failed due to a lack of support from the pipeline segment (Level of Confirmations Parts Two and Three) and two recommendations failed due to a lack of support from the LDC segment (Level of Confirmations Part One and Nomination of Hourly Quantities). Additionally, as the recommendation to address standards request R15008 did not receive the requisite votes from the LDC segment during the February WGQ Executive Committee vote, the proposed modifications were not adopted.

Within the WEQ, the GEH standards development efforts focused on a review of the WGQ work and sought to develop supporting standards, if necessary. The WEQ effort was delayed pending the outcome of the WGQ standards development effort. On February 21, 2017, the WEQ Executive Committee created the WEQ Executive Committee GEH Task Force to review and develop recommendations to support the GEH-related 2017 WEQ Annual Plan Items. On March 15, 2017, the task force closed out its efforts by unanimously voting out no action recommendations on each of the five 2017 WEQ Annual Plan Items that were linked to the GEH Forum issues.

The following paragraphs provide the background of each WGQ GEH recommendation and detail the disposition of each recommendation determined during the February 23, 2017 WGQ Executive Committee meeting.

#### **Recommendation on the Nomination of Hourly Quantities**

The WGQ BPS recommendation regarding the Nomination of Hourly Quantities was developed to address 2017 WGQ Annual Plan Item 3(b)(i-ii) and originated with two standards requests, R16003 Part (b) and R16007. Standards request R16007 was submitted to the NAESB office on May 11, 2016 by FIS Global – Energy Services and proposed an update to the NAESB Nomination dataset and related datasets to support the ability for a service requester to submit a single nomination with hourly quantities when such a service is supported by the Transportation Service Provider (TSP). Standards request R16003 was submitted by Skipping Stone and the Environmental Defense Fund on March 28, 2016. R16003 requested the development of business practice standards focused on Special Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles, b) permits flow changes outside of standard schedule flow periods; and/or c) involves Shaped Flow Transactions. The broad range of topics in standards request R16003 led the subcommittee to divide the request into four manageable parts: (a) Definitions Related to Special Efforts; (b) Nominations of Hourly Quantities; (c) Special Efforts Nominations; and (d) Special Efforts Capacity Release. The recommendation for the Nomination of Hourly Quantities includes one of the four parts of R16003, Part (b), addressing the Nominations of Hourly Quantities. Parts (a), (c), and (d) of R16003 are included in the Special Efforts no action recommendation. The two standards requests, R16007 and R16003 Part (b), were combined under the same recommendation due to their focus on the characteristics of hourly nominations.

During an October WGQ BPS conference call, the subcommittee adopted one definition for the term “Shaped Nomination” (1.2.[z1]) and one standard specifying that, if a TSP offers the ability for a service requester to submit a Shaped Nomination, the NAESB WGQ Business Practice Standards should be utilized (1.3.[z1]). Additionally, the WGQ BPS adopted instructions to send to the joint Information Requirements and Technical Subcommittees (IR/Tech) – two subcommittees that jointly develop the data dictionary and related WGQ technical implementation guides – to modify the Nomination data set and any other corresponding data sets to accommodate the ability for a service requester to submit Shaped Nominations during each of the NAESB nomination cycles. The WGQ BPS instructions also tasked IR/Tech with an investigation of whether the solution should accommodate daylight savings time variances of 23-hour days and 25-hour days.

After a WGQ BPS vote on the proposed definition and standard received overwhelming opposition from representatives from the LDC segment, the WGQ Executive Committee asked the WGQ BPS to reconsider the recommendation with the goal of reaching consensus on the proposed language. During four subsequent WGQ BPS meetings, several issues were raised by the participants who opposed the adoption of the recommendation. First, the necessity to check the available capacity on the downstream TSP was highlighted, as the scheduling priority for the service used to flow gas on the downstream TSP to the generation facility may not be sufficient to flow through the downstream TSP’s system constraints. In response, proposed standard 1.3.[z1] was modified to include an

---

<sup>9</sup> The February 23, 2017 WGQ Executive Committee minutes may be accessed at the following link:  
[https://www.naesb.org/pdf4/wgq\\_ec022317dm.docx](https://www.naesb.org/pdf4/wgq_ec022317dm.docx).

acknowledgement that additional coordination with interconnected parties may be needed. Additionally, the possibility of Shaped Nominations eroding existing services was a frequent topic of discussion. Throughout the WGQ BPS and the WGQ Executive Committee meetings, several participants emphasized that the proposed standard 1.3.[z1] does not address a service, rather the language allows for the communication of Shaped Nominations for a pipeline that offers the service. Further, a sentence was added to the end of 1.3.[z1] to respond to the concern. Ultimately, the WGQ BPS approved a recommendation containing the revised definition (1.2.[z1]<sup>10</sup>) for the term “Shaped Nomination,” the revised standard regarding the use of Shaped Nominations (1.3.[z1]<sup>11</sup>), and instructions to IR/Tech to accommodate the ability for a service requester to submit a Shaped Nomination during each of the NAESB nomination cycles in the technical implementation.

At the conclusion of the thirty day formal comment period, three comments were received. Two comments, from Macquarie Energy LLC<sup>12</sup> and the Environmental Defense Fund<sup>13</sup>, supported the recommendation. Comments were also submitted from AGA stating that the recommendation was premature, absent resolutions on several issues.<sup>14</sup>

All three comments, along with the subcommittee recommendation, were reviewed during the February 23, 2017 WGQ Executive Committee meeting. During the meeting, the Environmental Defense Fund reiterated its support for the recommendation by noting that the proposed standard and definition may advance efficiency in transacting between the gas generators and pipelines as well as suppliers, as the language provides a standardized means for communication of information needed in order to operate in the existing marketplace. Several representatives of the pipeline segment cited the benefits of standardizing communications for those that offer Shaped Nomination services. Additionally, several participants affirmed that the proposed standards would not require pipelines to offer a Shaped Nomination service. As highlighted in comments and discussion at the WGQ Executive Committee meeting, several LDC representatives asserted that it was premature for the industry to consider the recommendation. While reviewing the AGA comments, a representative of the LDC segment specified that some members of the LDC segment could support the recommendation in the future, once issues regarding the recommendation that are outside the scope of NAESB are resolved. Further, representatives from the LDC segment indicated that, while pipelines may offer this service, agreed upon best practices do not exist within the industry.

As a motion to adopt the Nomination of Hourly Quantities recommendation did not receive the requisite votes from the LDC segment during the February WGQ Executive Committee meeting, the proposed definition for Shaped Nominations and the proposed additional standard were not adopted.

### **Three Recommendations regarding the Level of Confirmations**

All three recommendations regarding Level of Confirmations were developed under 2017 WGQ Annual Plan Item 3(a)(v) and evolved from discussion on GEH Forum Issue 36:

*Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the “Art of Scheduling,” pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type). See issue 17 in the first presentation.*

The recommendations were divided into three parts with each part reflecting the three distinct WGQ BPS conversations and votes related to the topic. Part One focused on a proposed definition for the term “Ranking across transactions,” two proposed standards, and instructions to IR/Tech. Part Two consisted of one proposed standard related to point operator and producer level confirmations. Finally, Part Three proposed to modify existing NAESB

<sup>10</sup> NAESB WGQ Proposed Definition 1.2.[z1]: A Shaped Nomination is a nomination in which a Service Requester provides both a daily quantity and a quantity for each hour of the Gas Day, with each hour beginning at the start of the hour (e.g. 10:00 AM).

<sup>11</sup> NAESB WGQ Proposed Standard 1.3.[z1]: Where a Transportation Service Provider offers a service under its tariff, general terms and conditions, and/or contract provisions which expressly provides for a Service Requester (SR) to submit a Shaped Nomination, the SR should submit its nomination for that service as a Shaped Nomination using NAESB WGQ Standard No. 1.4.1 (Nomination). Receipt of service expressly providing for the use of a Shaped Nomination may require additional coordination with interconnected parties.

A SR utilizing other services that do not expressly provide for the use of a Shaped Nomination should not be required to submit a Shaped Nomination nor does this standard prescribe any affect for services that do not expressly provide for Shaped Nominations.

<sup>12</sup> The Macquarie Energy LLC Comments may be accessed at the following link:

[https://www.naesb.org/pdf4/wgq\\_012017\\_macquarie\\_energy\\_llcs.docx](https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx). (Macquarie Energy LLC Comments)

<sup>13</sup> The Environmental Defense Fund Comments may be accessed at the following link: [https://www.naesb.org/pdf4/wgq\\_012017\\_edf.pdf](https://www.naesb.org/pdf4/wgq_012017_edf.pdf).

<sup>14</sup> The AGA Comments may be accessed at the following link: [https://www.naesb.org/pdf4/wgq\\_012017\\_aga.pdf](https://www.naesb.org/pdf4/wgq_012017_aga.pdf). (AGA Comments) The AGA Comments at 7 state: “[c]hanging the nomination standards will likely have a direct impact upon priority of service. Other concerns regarding accessibility to the secondary market include service design and consequentially, cost allocations and service provider compensability. Many of the aforementioned implications are out of scope for NAESB discourse but the ultimate utility of shaped nominations depends upon resolution of these matters. Absent resolutions, moving forward on [the recommendation] at this time is premature.”



WGQ Standard No. 1.3.27 and send instructions to IR/Tech to modify the usage of the data element Downstream Package ID.

### **Level of Confirmations – “Ranking Across Transactions” (Part One)**

Part One of the WGQ BPS recommendation for Level of Confirmations contains a proposed definition (1.2.[z1]<sup>15</sup>) for the term “Ranking across transactions,” two proposed standards, and instructions to IR/Tech. The recommendation sought to address confirmations between interconnecting pipelines when no mutual agreement exists regarding how, or at what level, the confirmations will occur. The WGQ BPS created the term “Ranking across transactions” to represent the service requester’s ability to rank nomination transactions at a location across multiple contracts for that service requester.

During the WGQ BPS development of the recommendation, the subcommittee discussed the wide range of data elements exchanged between parties during the confirmation process as it exists today and how pipelines confirm at different levels, creating the potential for disparities. Currently, in most instances, parties are able to mutually agree on the level of confirmation, but when an agreement is not reached, the parties have to confirm via electronic bulletin board (EBB) rather than through the electronic data interchange (EDI) method, decreasing efficiency in the process. The language of the first proposed standard, 1.3.[z1]<sup>16</sup>, sought to act as a tie breaker when two interconnecting parties lack mutual agreement on the level of confirmation by proposing that the confirmation be conducted with consideration to the nomination model type of each TSP. Further, the language of the standard details the confirmation process for each model type. In mid-January, the WGQ BPS unanimously approved the standard with modifications to clarify both the responsibility of the service requester to provide the required information to its upstream and downstream parties and the TSP’s usage of the Upstream/Downstream Contract Identifier data element in the confirmation process. The second proposed standard, 1.3.[z2]<sup>17</sup>, was approved by the WGQ BPS in early December. The language provides that the information provided by the shipper to the TSP would only be used by that TSP. The accompanying instructions to IR/Tech requested modifications to the corresponding WGQ data sets.

During the thirty day formal industry comment period, two comments regarding the recommendation were submitted. While the comments submitted by Macquarie Energy LLC supported the recommendation,<sup>18</sup> the comments submitted by AGA noted that the association does not object to the definition of Ranking across transactions or 1.3.[z2], but has several concerns regarding the language of 1.3.[z1] that result in the inability to support the recommendation on a stand-alone basis.<sup>19</sup> Additionally, the comments from AGA noted that the WGQ based the data exchanged solely upon the model type while overlooking the business requirements of downstream TSPs.<sup>20</sup> Ultimately, AGA indicated that, at the very least, approval of the recommendation must be contingent upon

---

<sup>15</sup> Proposed NAESB Standard No. 1.2.[z1]: Ranking across transactions is the term used to describe the Service Requester’s (SR) ability to rank nomination transactions, at a location, across multiple contracts for that SR.

<sup>16</sup> Proposed NAESB WGQ Standard No. 1.3.[z1]: Absent mutual agreement to the contrary, confirmations between two interconnected Transportation Service Providers (TSPs) should be conducted with consideration of the nomination model type of each of those parties. The model type determines the information available to be exchanged in the confirmation and the information needed in the confirmation.

(i) When a Service Requester (SR1) nominates on a Transportation Service Provider (TSP1) which utilizes either the pathed non-threaded model or supports ranking across transactions at a location under the pathed or non-pathed models, the Service Requester (SR1) on TSP1 should provide its Service Requester Data on TSP1 to SR1’s upstream or downstream party, as applicable, for inclusion in that Service Requester’s (SR2) nomination on its corresponding Transportation Service Provider (TSP2). SR2 should provide the SR1’s Service Requester Data in its nomination to TSP2.

(ii) When a Service Requester (SR1) nominates on a Transportation Service Provider (TSP1) which utilizes the pathed or non-pathed nomination model and does not support ranking across transactions, the Service Requester (SR1) on TSP1 should provide its Service Requester Data and Service Requester Contract on TSP1 to SR1’s upstream or downstream party, as applicable, for inclusion in that Service Requester’s (SR2) nomination on its corresponding Transportation Service Provider (TSP2). SR2 should provide the SR1’s Service Requester Data and Service Requester Contract in its nomination to TSP2.

(iii) When a TSP utilizes the pathed non-threaded model and the Business Conditional data element Service Requester Contract in the upstream and downstream un-threaded segments in the Nomination (NAESB WGQ Standard No. 1.4.1), the TSP’s confirmation should comport with the requirements of the pathed model type.

Any TSP receiving Upstream/Downstream Identifier Data and, when applicable, Upstream/Downstream Contract Identifier from a Service Requester should send such information, as reflected in the Confirmation Level Matrix, in the Request for Confirmation (NAESB WGQ Standard No. 1.4.3) or use the information, as reflected in the Confirmation Level Matrix, in the Confirmation Response (NAESB WGQ Standard No. 1.4.4) to other TSPs.

<sup>17</sup> Proposed NAESB Standard No. 1.3.[z2]: Service Requester ranks, provided in the nomination, should be used only by the Transportation Service Provider to which they are provided.

<sup>18</sup> Macquarie Energy LLC Comments at 3.

<sup>19</sup> AGA Comments at 4-5.

<sup>20</sup> *Id.* at 4.

the approval of Part Three of the Level of Confirmations recommendation.<sup>21</sup> In its comments, AGA stated that if the WGQ Executive Committee votes on the recommendation for Level of Confirmations Part Three separately from Parts One and Two, then AGA cannot support Part One of the recommendation.<sup>22</sup> As explained below, the recommendation for Level of Confirmations Part Three modifies the usage of the data element Downstream Package ID from mutually agreeable to sender's option in NAESB WGQ Standard No. 1.4.1, and as conditional in the Scheduled Quantity in NAESB WGQ Standard No. 1.4.4, if Downstream Package ID information is submitted in the nomination.

During the February WGQ Executive Committee meeting, both comments and the subcommittee recommendation were discussed. Several representatives from the services and pipeline segments voiced their support for the recommendation citing that the proposal facilitates communication between interconnected parties, simplifies confirmations, and furthers the efficiency of the confirmation process. Further, the participants supporting the recommendation stated that the standard provides the flexibility for parties to establish their own agreements regarding the level of confirmations while also setting a default level of confirmation that fosters greater automation. The participants opposed to adopting the recommendation noted that the proposals within the Level of Confirmations Part Three recommendation would garner more support from the representatives within the LDC segment.

As a motion to adopt the Level of Confirmations Part One recommendation did not receive the requisite votes from the LDC segment during the February WGQ Executive Committee vote, the proposed definition for Ranking across transactions and the two proposed additional standards were not adopted.

#### **Level of Confirmations – “Point Operator and Producer Level Confirmations” (Part Two)**

Part Two of the WGQ BPS recommendation for Level of Confirmations contains one proposed standard (1.3.[z1]<sup>23</sup>) stating that a TSP should, if requested by a point operator, support the ability of a point operator's upstream party to nominate on the TSP or confirm the service requester, associated quantities, and any additional information supported by the TSP. In mid-January, the subcommittee approved the recommendation through a balanced vote that resulted in 7.5 participants in favor and 2.5 opposed. Out of the sixteen pipelines that voted on the motion during the subcommittee conference call, all were opposed.

At the close of the thirty day formal industry comment period, four comments were submitted. The Natural Gas Supply Association (NGSA) comments stated that the proposed standard would create “efficiencies during Point Operator confirmations for multiple parties across interstate pipelines” and that the adoption of the proposed language could lead to significant benefits to point operators, upstream suppliers, service requestors, LDCs and end-users.<sup>24</sup> The NGSA also noted that the practice in the proposed standard is already “tested and established.”<sup>25</sup> The comments from Anadarko Energy Services Company supported the recommendation and the comments from the NGSA, while adding that the proposed language allows TSPs to derive efficiencies and enhanced customer service to shippers.<sup>26</sup> The comments submitted by Macquarie Energy LLC abstained from commenting on the proposed standard.<sup>27</sup> As stated in the section above, the AGA comments indicated that if the WGQ Executive Committee votes on the recommendation for Level of Confirmations Part Three separately from Parts One and Two, then AGA cannot support Part Two of the recommendation.<sup>28</sup>

On February 23, 2017, the WGQ Executive Committee reviewed the comments and the recommendation. As stated in their comments, members from the producer segment asserted that the multilevel confirmation process in the proposed standard has substantial savings and efficiencies for all market participants. Further, the proposal in the

---

<sup>21</sup> *Id.*

<sup>22</sup> *Id.* at 6.

<sup>23</sup> Proposed NAESB WGQ Standard No. 1.3.[z1]: A Transportation Service Provider (TSP) should support, if requested by a Point Operator at a receipt location, the ability for the Point Operator's upstream party(ies) to nominate on the TSP or (a) the ability for the Point Operator to confirm each of its upstream parties and each of the upstream party's aggregate quantity at the location, and (b) the ability for each of the Point Operator's upstream parties to confirm its Service Requester(s) on the TSP and the associated Service Requester quantity(ies) and any additional information at the confirmation level supported by the TSP. For the purposes of parts (a) and (b) of this standard, the TSP can require, and the Point Operator at the receipt location should supply and maintain, the identities of the Point Operator's upstream party(ies).

<sup>24</sup> The Natural Gas Supply Association Comments may be accessed at the following link: [https://www.naesb.org/pdf4/wgq\\_012017\\_ngsa.pdf](https://www.naesb.org/pdf4/wgq_012017_ngsa.pdf).

<sup>25</sup> *Id.* at 2.

<sup>26</sup> The Anadarko Energy Services Company Comments may be accessed at the following link:

[https://www.naesb.org/pdf4/wgq\\_012017\\_anadarko.pdf](https://www.naesb.org/pdf4/wgq_012017_anadarko.pdf).

<sup>27</sup> Macquarie Energy LLC Comments at 3.

<sup>28</sup> AGA Comments at 5.

recommendation would have the point operator on the upstream producer aggregate and allow each upstream producer to view the market transaction details – contributing to transparency while protecting the information of downstream details and what may be considered as confidential information. Representatives from the pipeline segment asserted that the mandatory, rather than mutually agreed, nature of the language led to opposition within their segment. The representatives from the pipelines also asserted that multilevel confirmations are not pervasive across the system, and that the NAESB WGQ Business Practice Standards already support the process. Another issue raised during the discussion was whether the term “receipt point” as it appears in the proposed standard was intended to apply exclusively to wellheads and plant tailgates or used in the broader sense to cover all receipt points.

As a motion to adopt the Level of Confirmations Part Two recommendation did not receive the requisite votes from the pipeline segment during the February WGQ Executive Committee vote, the proposed standard addressing point operator and producer level confirmations was not adopted.

### **Level of Confirmations – “Downstream Package ID” (Part Three)**

During the October WGQ BPS discussion regarding Level of Confirmations, the participants determined that the service requester’s field “Package ID” is being used by some LDCs to confirm and identify the gas delivered to a jurisdiction with a competitive market. The discussion led to concern from many LDCs that the information in the Package ID field would be removed by the TSPs in the confirmation process. In response to the LDC concern regarding the field, the subcommittee developed a recommendation approving a modification to the usage of the data element “Downstream Package ID” (Modified NAESB WGQ Standard No. 1.3.27<sup>29</sup>) from mutually agreeable to sender’s option applicable to pathed and nonpathed model types in NAESB WGQ Standard No. 1.4.1, and as conditional in the Scheduled Quantity in NAESB WGQ Standard No. 1.4.4, if Downstream Package ID information is submitted in the nomination. Further, instructions to IR/Tech were drafted to accommodate the modifications to the standard in the technical implementation. During the subcommittee vote, nine pipelines out of thirteen and one end user out of five voted in opposition to the motion.

During the thirty day formal industry comment period for the recommendation two comments were submitted. Comments submitted by AGA emphasized that the recommendation would help to “address LDCs concerns with being able to obtain Downstream Package ID information....”<sup>30</sup> As noted above, the AGA comments indicated that if the WGQ Executive Committee votes on the recommendation for Level of Confirmations Part Three separately from Parts One and Two, then AGA cannot support Part One and/or Two.<sup>31</sup> The Macquarie Energy LLC comments abstained from commenting on recommendation.<sup>32</sup>

During the February WGQ Executive Committee meeting, proponents of the recommendation explained that the information provided in the Downstream Package ID field is necessary for business operations, as LDCs utilize the information to track ownership of the gas. Opposition to the recommendation focused on the impact to EDI, the hazards of the lower level of detail raising the chances of rejecting confirmations, and the option for LDCs to accommodate title transfers on their own systems. Additionally, those opposed to the recommendation noted that existing business practices already support the proposed intent of the modifications.

As a motion to adopt the Level of Confirmations Part Three recommendation did not receive the requisite votes from the pipeline segment during the February WGQ Executive Committee vote, the modifications to NAESB WGQ Standard No. 1.3.27 were not adopted.

In an attempt to foster compromise, a motion was put forth to adopt the combined recommendations for Level of Confirmations Parts One and Three. As did the previous motions on the recommendations, the motion failed due to a lack of the requisite support from the pipeline segment.

### **Recommendation Related to Terminology**

The no action recommendation to address Terminology was developed to address WGQ Annual Plan Item 3(a)(i) and corresponds with GEH Forum Issue 22:

*It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion.*

<sup>29</sup> The proposed modified NAESB Standard No. 1.3.27 is contained in the recommendation for 2017 WGQ Annual Plan Item 3(a)(v) Level of Confirmations and may be accessed at the following link:

[https://www.naesb.org/member\\_login\\_check.asp?doc=wgq\\_2017\\_api\\_3av\\_part3\\_rec.docx](https://www.naesb.org/member_login_check.asp?doc=wgq_2017_api_3av_part3_rec.docx).

<sup>30</sup> AGA Comments at 6.

<sup>31</sup> *Id.*

<sup>32</sup> Macquarie Energy Comments at 3.

On January 17, 2017, a no action recommendation to address the item was unanimously voted out of the WGQ BPS. The recommendation explains that the WGQ BPS did not take action related to Terminology because any terms and definitions pertinent to a GEH topic were addressed within the corresponding recommendation for that topic. For example, rather than being listed in the Terminology recommendation, the definition for “Shaped Nominations” appears in the recommendation for the Nomination of Hourly Quantities and the definition for “Ranking across transactions” was included in the recommendation for Level of Confirmations Part One.

During the thirty day formal industry comment period, one comment was submitted specifically in response to the Terminology recommendation. In the comment, Macquarie Energy LLC supported the no action recommendation.<sup>33</sup>

On February 23, 2017, the WGQ Executive Committee unanimously adopted the no action recommendation addressing Terminology/GEH Forum Issue 22.

### **Recommendation on Communication Protocols and Critical Information Sharing**

The no action recommendation to address both Communication Protocols and Critical Information Sharing under 2017 WGQ Annual Plan Items 3(a)(ii) and 3(a)(iii) originated with GEH Forum Issues 25 and 26:

*GEH Forum Issue 25: Communication protocols with LDCs, gas generator operators and natural gas marketing companies.*

*GEH Forum Issue 26: Improve efficiency of critical information sharing (related to issues 22 and 25).*

As no proposals were forthcoming from the subcommittee participants, after reviewing the NAESB WGQ Business Practice Standards regarding communication efforts and critical information sharing between LDCs, gas generator operators, and natural gas marketing companies, a no action recommendation was unanimously approved by the WGQ BPS on December 8, 2016.

Upon the conclusion of the thirty day formal industry comment period for the recommendation, Macquarie Energy LLC submitted comments supporting the decision to take no action on the annual plan item.<sup>34</sup>

On February 23, 2017, the WGQ Executive Committee unanimously adopted the no action recommendation addressing Communication Protocols and Critical Information Sharing/GEH Forum Issues 25 and 26.

### **Recommendation on Multiple Confirmation Methods**

The no action recommendation to address Multiple Confirmation Methods under 2017 WGQ Annual Plan Item 3(a)(iv) originated with GEH Forum Issue 33:

*Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization.*

After reviewing and discussing the existing Confirmation by Exception process along with other confirmation processes brought forward by participants, the WGQ BPS determined that each process analyzed fit into one of two categories – Confirmation by Exception or Explicit Confirmations. As a result of the discussion, on November 30, 2016, a no action recommendation was unanimously voted out of the WGQ BPS.

Upon the close of the thirty day formal comment period, Macquarie Energy LLC submitted comments specifically supporting the no action recommendation.<sup>35</sup>

On February 23, 2017, the WGQ Executive Committee unanimously approved the no action recommendation for Multiple Confirmation Methods/GEH Forum Issue 33.

### **Recommendation on Special Efforts**

The WGQ BPS no action recommendation to address Special Efforts began with standards request R16003, submitted to the NAESB office on March 28, 2016 by Skipping Stone and the Environmental Defense Fund. Placed on the 2017 WGQ Annual Plan as item 3(b)(i), the task to develop business practices as needed to support R16003 focused on Special Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles; b) permits flow changes outside of standard schedule flow periods; and/or c)

---

<sup>33</sup> Macquarie Energy LLC Comments at 2.

<sup>34</sup> *Id.*

<sup>35</sup> *Id.*

involves Shaped Flow Transactions. As standards request R16003 touched upon many areas within the NAESB WGQ Business Practice Standards, the subcommittee divided the request into four parts to make the work more manageable. Ultimately, the recommendation on Special Efforts included three of the four parts: (a) Definitions Related to Special Efforts; (c) Special Efforts Nominations; and (d) Special Efforts Capacity Release. Part (b), addressing the Nominations of Hourly Quantities developed into a more substantive portion of the standards request and is detailed in the Nomination of Hourly Quantities recommendation.

After holding several meetings to discuss the proposed standards and the concepts contained in the request, the WGQ BPS unanimously voted out the no action recommendation for Special Efforts in January. During the thirty day formal comment period for the recommendation, Macquarie Energy LLC submitted comments supporting the no action recommendation.<sup>36</sup>

During its February meeting, the WGQ Executive Committee unanimously approved the no action recommendation for Special Efforts/R16003(a), (c), and (d).

### **Recommendation on Standards Request R15008**

During the February 23, 2017 meeting, the WGQ Executive Committee considered a recommendation to address standards request R15008 that failed to garner the requisite support from the LDC segment needed for approval. Although the recommendation was not specifically included in the NAESB GEH effort, comments submitted by the AGA stated that it was tangentially related to other GEH recommendations considered by the WGQ Executive Committee.<sup>37</sup>

On December 1, 2015, standards request R15008 was submitted by Iroquois Gas Transmission System, Boardwalk Pipeline LP, and Kinder Morgan, Inc. The request sought to modify the usage of the data element “Service Requester Contract” from mandatory to business conditional for the unthreaded segment of the pathed nonthreaded model in NAESB WGQ Standard Nos. 1.4.1 and 1.4.5. Additionally, the request asked that any corresponding data sets be modified as well as NAESB WGQ Standard No. 1.3.27. Currently, the data element Service Requester Contract is mandatory for all model types. When used for unthreaded segments, the information is conveyed upstream of the receipt location and downstream of the delivery location, irrespective of the contracts provided on the threaded transaction portions – forcing pathing between the threaded and unthreaded nominations.

After several meetings, the WGQ BPS unanimously voted out the recommendation. Per the NAESB process, the recommendation for R15008 was posted for a thirty day formal industry comment period that concluded on November 29, 2016. Two comments, from Centra Gas Manitoba Inc<sup>38</sup> and the AGA were submitted. The comments from Centra Gas Manitoba Inc asked for clarification regarding the language of the proposed modifications.<sup>39</sup> Footnote 7 in the AGA comments stated that the LDCs would not support the proposed changes to NAESB WGQ Standard No. 1.3.27 contained in the recommendation for standards request R15008.<sup>40</sup> The AGA comments also asserted that the proposed modifications in response to R15008 conflict with those proposed in the recommendation for Level of Confirmations Part Three and reduce the provision of business information critical to LDCs.<sup>41</sup>

During the February 23, 2017 meeting, the WGQ Executive Committee reviewed and discussed the comments and the recommendation for R15008. The LDC representatives who opposed the adoption of the recommendation stated that the modifications would prevent LDCs from receiving needed information obtained by the use of the Service Requester data element. Additionally, the representatives explained that expert schedulers had reviewed the recommendation and could not reconcile how the proposal would interact with the Level of Confirmations Part Three recommendation. Many representatives pointed to the uncertainty that could be created in the event that the recommendation for R15008 was adopted by the WGQ Executive Committee while the recommendation for Level of Confirmations Part Three was rejected.

Several pipeline representatives that were in favor of adopting the recommendation explained that the implementation for the unthreaded segment of the pathed nonthreaded model is incorrectly reflected in the NAESB WGQ Business Practice Standards and should be corrected. Those representatives noted that the Service Requester

---

<sup>36</sup> *Id.*

<sup>37</sup> AGA Comments at 6 n.7.

<sup>38</sup> The Centra Gas Manitoba Inc Comments may be accessed at the following link:  
[https://www.naesb.org/pdf4/wgq\\_103116\\_centra\\_gas\\_manitoba\\_inc.docx](https://www.naesb.org/pdf4/wgq_103116_centra_gas_manitoba_inc.docx).

<sup>39</sup> *Id.* at 1.

<sup>40</sup> AGA Comments at 6 n.7.

<sup>41</sup> *Id.*

Contract data element is supposed to contain a contract number, but there are no contracts for the unthreaded segments of the pathed nonthreaded model. Additionally, the representatives explained that without the proposed language, pipelines in the unthreaded segments of the pathed nonthreaded model must utilize alternate numbers in lieu of a contract number for the Service Requester Contract data element, which causes issues in conducting EDI transactions. While noting that the Service Requester Contract data element would continue to be provided for the other model types, the supporters of the recommendation also asserted that the recommendation was developed with the intent of supporting compliance and are not related to the proposed standards modifications contained in GEH recommendations.

On February 23, 2017, the WGQ Executive Committee motion to adopt the recommendation for R15008 failed due to lack of requisite support from at least forty percent of the LDC segment.

As a motion to adopt the recommendation to address R15008 did not receive the requisite votes from the LDC segment during the February WGQ Executive Committee vote, the proposed modifications were not adopted.

NAESB appreciates the opportunity to provide this report to the Commission in response to FERC Order No. 809. As stated, there are no approved business practice standards for NAESB to submit to the Commission as a result of FERC Order No. 809 at this time. However, NAESB looks forward to responding to any guidance provided by the Commission and will continue to address industry standards requests. Additionally, NAESB will continue to offer support to the Commission in the GEH effort and welcomes any additional requests deemed appropriate by the Commission within the bounds of the NAESB process. As always, NAESB looks forward to working with the industry in the future to develop standards that support the wholesale and retail natural gas and electricity markets.

Appendices:

- A..... GEH Forum Meeting Notes, Work Papers, and Comments
- B..... GEH Forum Survey, Results, and Comments
- C..... WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present
- D..... NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016
- E..... NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016
- F..... NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016
- G..... NAESB 2017 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016
- H..... Recommendations, Comments, and WGQ Executive Committee Voting Record
- I..... No Action Recommendations, Comments, and WGQ Executive Committee Voting Record
- J..... Links to the WGQ Executive Committee Meeting Minutes and Work Papers
- K..... NAESB Board of Directors Meeting Minutes and Work Papers
- L..... List of Available Transcripts
- M..... Copyright and Accessibility of Standards and Work Products
- N..... End Notes – NAESB 2016 and 2017 WEQ and WGQ Annual Plans

Appendix A: GEH Forum Meeting Notes, Work Papers, and Comments

Appendix A: GEH Forum Meeting Notes, Work Papers, and Comments		
Date	Link to Agendas, Notes and Transcripts	Work Papers, Comments and Transcripts
January 25, 2016	GEH Forum Organizational & Informational Conference Call Agenda: <a href="https://www.naesb.org/pdf4/geh012516a.docx">https://www.naesb.org/pdf4/geh012516a.docx</a> Meeting Notes: <a href="https://www.naesb.org/pdf4/geh012516notes.docx">https://www.naesb.org/pdf4/geh012516notes.docx</a>	GEH Forum Request for Presentations - January 12, 2016: <a href="https://www.naesb.org/pdf4/geh012516w1.doc">https://www.naesb.org/pdf4/geh012516w1.doc</a> Timeline to Address 2016 WEQ Annual Plan Item 7.a & 2016 WGQ Annual Plan Item 3.a: <a href="https://www.naesb.org/pdf4/geh012516w2.doc">https://www.naesb.org/pdf4/geh012516w2.doc</a> Timeline to Address 2016 WEQ Annual Plan Item 7.a & 2016 WGQ Annual Plan Item 3.a - Updated January 19, 2016: <a href="https://www.naesb.org/pdf4/geh012516w3.doc">https://www.naesb.org/pdf4/geh012516w3.doc</a>
February 18-19, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Doubletree Downtown Hotel) Agenda: <a href="https://www.naesb.org/pdf4/geh021816a.docx">https://www.naesb.org/pdf4/geh021816a.docx</a> Meeting Notes: <a href="https://www.naesb.org/pdf4/geh021816notes.docx">https://www.naesb.org/pdf4/geh021816notes.docx</a> Attachment – White Board Notes: <a href="https://www.naesb.org/pdf4/geh021816a1.docx">https://www.naesb.org/pdf4/geh021816a1.docx</a>	Presentations: NAESB WGQ Pipeline Segment: <a href="https://www.naesb.org/pdf4/geh021816w1.pdf">https://www.naesb.org/pdf4/geh021816w1.pdf</a> PJM: <a href="https://www.naesb.org/pdf4/geh021816w2.pdf">https://www.naesb.org/pdf4/geh021816w2.pdf</a> ACES Power: <a href="https://www.naesb.org/pdf4/geh021816w3.pptx">https://www.naesb.org/pdf4/geh021816w3.pptx</a> Fidelity National Information Services (FIS): <a href="https://www.naesb.org/pdf4/geh021816w4.pptx">https://www.naesb.org/pdf4/geh021816w4.pptx</a> Fidelity National Information Services - Additional Notes and Comments including Examples: <a href="https://www.naesb.org/pdf4/geh021816w10.docx">https://www.naesb.org/pdf4/geh021816w10.docx</a> Skipping Stone: <a href="https://www.naesb.org/pdf4/geh021816w5.pptx">https://www.naesb.org/pdf4/geh021816w5.pptx</a> Environmental Defense Fund (EDF): <a href="https://www.naesb.org/pdf4/geh021816w6.pptx">https://www.naesb.org/pdf4/geh021816w6.pptx</a> Coalition of Energy Technology Firms: <a href="https://www.naesb.org/pdf4/geh021816w7.pptx">https://www.naesb.org/pdf4/geh021816w7.pptx</a> Coalition of Energy Technology Firms, G. Danner: <a href="https://www.naesb.org/pdf4/geh021816w11.zip">https://www.naesb.org/pdf4/geh021816w11.zip</a> (Zip file due to size) OATI, Inc.: <a href="https://www.naesb.org/pdf4/geh021816w8.pptx">https://www.naesb.org/pdf4/geh021816w8.pptx</a> OATI, Inc. – Addendum: <a href="https://www.naesb.org/pdf4/geh021816w9.pdf">https://www.naesb.org/pdf4/geh021816w9.pdf</a>
March 7-8, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Hilton Americas Hotel) Agenda: <a href="https://www.naesb.org/pdf4/geh030716a.docx">https://www.naesb.org/pdf4/geh030716a.docx</a> Meeting Notes: <a href="https://www.naesb.org/pdf4/geh030716notes.docx">https://www.naesb.org/pdf4/geh030716notes.docx</a> Attachment – Comments on the February 18-19, 2016 White Board Notes: <a href="https://www.naesb.org/pdf4/geh030716a1.docx">https://www.naesb.org/pdf4/geh030716a1.docx</a>	February 18-19, 2016 Meeting Notes, Comments from D. Davis, Williams: <a href="https://www.naesb.org/pdf4/geh030716w1.docx">https://www.naesb.org/pdf4/geh030716w1.docx</a> Comments from D. Nilsson, PowerCosts, Inc.: <a href="https://www.naesb.org/pdf4/geh030716w2.pdf">https://www.naesb.org/pdf4/geh030716w2.pdf</a> Comments Submitted by AGA on GEH Forum Meeting February 18-19, 2016: <a href="https://www.naesb.org/pdf4/geh030716w3.pdf">https://www.naesb.org/pdf4/geh030716w3.pdf</a> DRAFT Day 1 - Discussion Work Paper: <a href="https://www.naesb.org/pdf4/geh030716w4.docx">https://www.naesb.org/pdf4/geh030716w4.docx</a> Comments Submitted by OATI: <a href="https://www.naesb.org/pdf4/geh030716w5.pdf">https://www.naesb.org/pdf4/geh030716w5.pdf</a> DRAFT Day 1 and Day 2 - Discussion Work Paper: <a href="https://www.naesb.org/pdf4/geh030716w6.docx">https://www.naesb.org/pdf4/geh030716w6.docx</a>



Appendix A: GEH Forum Meeting Notes, Work Papers, and Comments

Appendix A: GEH Forum Meeting Notes, Work Papers, and Comments		
Date	Link to Agendas, Notes and Transcripts	Work Papers, Comments and Transcripts
March 21-22, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Hilton Americas Hotel) Agenda: <a href="https://www.naesb.org/pdf4/geh032116a.docx">https://www.naesb.org/pdf4/geh032116a.docx</a> Meeting Notes: <a href="https://www.naesb.org/pdf4/geh032116staffnotes.docx">https://www.naesb.org/pdf4/geh032116staffnotes.docx</a>	Excel Spreadsheet of Categorized Issues: <a href="https://www.naesb.org/pdf4/geh032116w1.xlsx">https://www.naesb.org/pdf4/geh032116w1.xlsx</a> Word Formatted Tables of Categorized Issues: <a href="https://www.naesb.org/pdf4/geh032116w2.docx">https://www.naesb.org/pdf4/geh032116w2.docx</a> Comments Submitted by S. Munson (Excel Spreadsheet of Categorized Issues): <a href="https://www.naesb.org/pdf4/geh032116w3.xlsx">https://www.naesb.org/pdf4/geh032116w3.xlsx</a> Comments Submitted by S. Munson (Word Formatted Tables of Categorized Issues): <a href="https://www.naesb.org/pdf4/geh032116w4.docx">https://www.naesb.org/pdf4/geh032116w4.docx</a> Comments Submitted by The Pipelines (Excel Spreadsheet of Categorized Issues): <a href="https://www.naesb.org/pdf4/geh032116w5.xlsx">https://www.naesb.org/pdf4/geh032116w5.xlsx</a> Comments Submitted by D. Nilsson, PowerCosts, Inc.: <a href="https://www.naesb.org/pdf4/geh032116w6.pdf">https://www.naesb.org/pdf4/geh032116w6.pdf</a> DRAFT Tables of Categorized Issues Work Paper (Day 1 - March 21): <a href="https://www.naesb.org/pdf4/geh032116w7.docx">https://www.naesb.org/pdf4/geh032116w7.docx</a> DRAFT Tables of Categorized Issues Work Paper (Days 1&2 - March 21-22): <a href="https://www.naesb.org/pdf4/geh032116w8.docx">https://www.naesb.org/pdf4/geh032116w8.docx</a> Comments Submitted by S. Morrison, American Public Gas Association: <a href="https://www.naesb.org/pdf4/geh032116w9.docx">https://www.naesb.org/pdf4/geh032116w9.docx</a>
May 13, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Hilton Americas Hotel) Agenda: <a href="https://www.naesb.org/pdf4/geh051316a.docx">https://www.naesb.org/pdf4/geh051316a.docx</a> Meeting Notes: <a href="https://www.naesb.org/pdf4/geh051316staffnotes.docx">https://www.naesb.org/pdf4/geh051316staffnotes.docx</a>	GEH Forum Report - Survey Results Addendum: <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 2, 2016 (redline): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 2, 2016 (clean): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/geh051316w1.pdf">https://www.naesb.org/pdf4/geh051316w1.pdf</a> Corrected GEH Forum Report – Survey Results Addendum May 13, 2016 (redline): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined051316.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined051316.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 13, 2016 (clean): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx</a>

Appendix B: GEH Forum Survey, Results, and Comments

Appendix B: GEH Forum Survey, Results, and Comments		
Date	Link to Survey Results	Survey and Comments
March 24, 2016	GEH Forum Survey – Due March 31, 2016 GEH Forum Report - Survey Results Addendum: <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 2, 2016 (redline): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 2, 2016 (clean): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 13, 2016 (redline): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined051316.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined051316.docx</a> Corrected GEH Forum Report – Survey Results Addendum May 13, 2016 (clean): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx</a>	NAESB GEH Forum Survey Distribution: <a href="https://www.naesb.org/pdf4/geh032416survey.docx">https://www.naesb.org/pdf4/geh032416survey.docx</a> NAESB GEH Forum Survey Adobe Format: <a href="https://www.naesb.org/pdf4/2016_naesb_geh_survey_032416.pdf">https://www.naesb.org/pdf4/2016_naesb_geh_survey_032416.pdf</a> Comments Submitted by the American Gas Association and the American Public Gas Association, April 5, 2016: <a href="https://www.naesb.org/pdf4/geh032416_aga_apga_comments.pdf">https://www.naesb.org/pdf4/geh032416_aga_apga_comments.pdf</a> Comments Submitted by the Natural Gas Supply Association, April 6, 2016: <a href="https://www.naesb.org/pdf4/geh032416_ngsa_comments.pdf">https://www.naesb.org/pdf4/geh032416_ngsa_comments.pdf</a> Comments Submitted by M. Burroughs, American Gas Association, April 18, 2016: <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
January 7, 2016	WGQ BPS Conference Call with Web Conferencing (R15008) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps010716fm.doc">https://www.naesb.org/pdf4/wgq_bps010716fm.doc</a>	Suggested Redlines to the WGQ BPS October 1, 2015 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps010716w1.doc">https://www.naesb.org/pdf4/wgq_bps010716w1.doc</a>
January 21, 2016	WGQ BPS Conference Call with Web Conferencing (R15008) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps012116fm.doc">https://www.naesb.org/pdf4/wgq_bps012116fm.doc</a> Attachment: Instructions to IR: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps012116a1.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps012116a1.doc</a>	R15008 Work Paper Filed by Boardwalk, Iroquois, and Kinder Morgan: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps012116w1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps012116w1.docx</a> Suggested Redlines to the WGQ BPS January 7, 2016 Draft Minutes, Submitted by D. Davis, Williams and Kim Van Pelt, Boardwalk Pipeline Partners: <a href="https://www.naesb.org/pdf4/wgq_bps012116w2.doc">https://www.naesb.org/pdf4/wgq_bps012116w2.doc</a>
July 12, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps071216fm.doc">https://www.naesb.org/pdf4/wgq_bps071216fm.doc</a>	R15008 Memo from WGQ IR/Technical to WGQ BPS – Revised: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps071216w1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps071216w1.docx</a> Suggested Redlines to the WGQ BPS January 21, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps071216w2.doc">https://www.naesb.org/pdf4/wgq_bps071216w2.doc</a>
July 19, 2016	WGQ BPS Conference Call with Web Conferencing (R15008) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps071916fm.doc">https://www.naesb.org/pdf4/wgq_bps071916fm.doc</a> Attachments: Proposed Motion for R16006: <a href="https://www.naesb.org/pdf4/wgq_bps071916a1.docx">https://www.naesb.org/pdf4/wgq_bps071916a1.docx</a> R15008 Meeting Minute Attachment: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps071916a2.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps071916a2.docx</a>	BPS Work Paper on R16005 Submitted by S. Munson: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps071916w1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps071916w1.docx</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
July 28, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps072816fm.doc">https://www.naesb.org/pdf4/wgq_bps072816fm.doc</a> Attachment: R16003 Meeting Minutes Attachment: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816a1.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816a1.doc</a>	Additional Background Material and Work Paper for R16003, 7/20/16: <a href="https://www.naesb.org/pdf4/wgq_bps072816w1.docx">https://www.naesb.org/pdf4/wgq_bps072816w1.docx</a> Description of Spreadsheet Work Paper for R16003, 7/22/16: <a href="https://www.naesb.org/pdf4/wgq_bps072816w2.docx">https://www.naesb.org/pdf4/wgq_bps072816w2.docx</a> Graphic Examples 1, 7/20/16: <a href="https://www.naesb.org/pdf4/wgq_bps072816w3.xlsx">https://www.naesb.org/pdf4/wgq_bps072816w3.xlsx</a> Work Paper re: TETCO Language as 1 example of Best Practices: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816w4.pdf">https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816w4.pdf</a> R16003 Work Paper Boardwalk Additional Redlines Nominations Standards: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816w5.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816w5.docx</a> Suggested Redlines to the WGQ BPS July 12, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps072816w6.doc">https://www.naesb.org/pdf4/wgq_bps072816w6.doc</a> July 28 Work Paper: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816w7.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps072816w7.doc</a>
August 2, 2016	WGQ BPS Conference Call with Web Conferencing (R15008/R16003/R16007) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps080216fm.doc">https://www.naesb.org/pdf4/wgq_bps080216fm.doc</a> Attachment: Motion for R16001: <a href="https://www.naesb.org/pdf4/wgq_bps080216a1.doc">https://www.naesb.org/pdf4/wgq_bps080216a1.doc</a>	Proposed Motion for R16006: <a href="https://www.naesb.org/pdf4/wgq_bps080216w1.docx">https://www.naesb.org/pdf4/wgq_bps080216w1.docx</a> BPS Work Paper on R16005 Submitted by S. Munson: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps080216w2.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps080216w2.docx</a> BPS Work Paper on R16005 - Submitted by S. Munson, N. Lopez and M. Gracey: <a href="https://www.naesb.org/pdf4/wgq_bps080216w3.docx">https://www.naesb.org/pdf4/wgq_bps080216w3.docx</a>
August 11, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps081116fm.doc">https://www.naesb.org/pdf4/wgq_bps081116fm.doc</a> Attachments: Parking Lot: <a href="https://www.naesb.org/pdf4/wgq_bps081116a1.doc">https://www.naesb.org/pdf4/wgq_bps081116a1.doc</a> Order of Approach: <a href="https://www.naesb.org/pdf4/wgq_bps081116a2.doc">https://www.naesb.org/pdf4/wgq_bps081116a2.doc</a> R16003: <a href="https://www.naesb.org/pdf4/wgq_bps081116a3.doc">https://www.naesb.org/pdf4/wgq_bps081116a3.doc</a>	R16003 August 11 Work Paper: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps081116w1.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps081116w1.doc</a> Suggested Redlines to the WGQ BPS July 28, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps081116w2.doc">https://www.naesb.org/pdf4/wgq_bps081116w2.doc</a> Order of Approach: <a href="https://www.naesb.org/pdf4/wgq_bps081116w3.doc">https://www.naesb.org/pdf4/wgq_bps081116w3.doc</a>
August 18, 2016	WGQ BPS Conference Call with Web Conferencing (R15008) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps081816fm.doc">https://www.naesb.org/pdf4/wgq_bps081816fm.doc</a>	Correction to R15008 modification to 1.3.27 from 7/16/16: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps081816w1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps081816w1.docx</a> Work Paper for R16005 for discussion in BPS on 8/18/16: <a href="https://www.naesb.org/pdf4/wgq_bps081816w2.docx">https://www.naesb.org/pdf4/wgq_bps081816w2.docx</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
August 25, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps082516fm.doc">https://www.naesb.org/pdf4/wgq_bps082516fm.doc</a> Attachments: Parking Lot: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516a1.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516a1.doc</a> Work Paper: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516a2.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516a2.doc</a> R16003A: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516a3.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516a3.docx</a>	R16003: <a href="https://www.naesb.org/pdf4/wgq_bps082516w1.doc">https://www.naesb.org/pdf4/wgq_bps082516w1.doc</a> Suggested Redlines to the WGQ BPS August 11, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps082516w2.doc">https://www.naesb.org/pdf4/wgq_bps082516w2.doc</a> Wholesale Gas Quadrant BPS Work Paper on R16007: <a href="https://www.naesb.org/pdf4/wgq_bps082516w3.docx">https://www.naesb.org/pdf4/wgq_bps082516w3.docx</a> R16003A Work Paper - Recommendations from FIS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w4.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w4.docx</a> R16003B Work Paper - Recommendations from FIS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w5.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w5.docx</a> R16003C Work Paper - Recommendations from FIS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w6.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w6.docx</a> R16003D Work Paper - Recommendations from FIS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w7.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps082516w7.docx</a>
September 12-13, 2016	WGQ BPS Meeting with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps091216fm.doc">https://www.naesb.org/pdf4/wgq_bps091216fm.doc</a> Attachments: WGQ BPS Questions: <a href="https://www.naesb.org/pdf4/wgq_bps091216a1.doc">https://www.naesb.org/pdf4/wgq_bps091216a1.doc</a> R16007 Work Paper 9/12/16: <a href="https://www.naesb.org/pdf4/wgq_bps091216a2.docx">https://www.naesb.org/pdf4/wgq_bps091216a2.docx</a>	NAESB nomination examples for hourly shaped nominations for WGP BPS meeting discussion 9/12/16 Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps091216w1.xlsx">https://www.naesb.org/pdf4/wgq_bps091216w1.xlsx</a> Suggested Redlines to the WGQ BPS August 25, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps091216w2.doc">https://www.naesb.org/pdf4/wgq_bps091216w2.doc</a> R16007 Work Paper 9/12/16: <a href="https://www.naesb.org/pdf4/wgq_bps091216w3.docx">https://www.naesb.org/pdf4/wgq_bps091216w3.docx</a> Confirmations Examples Work Paper Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps091216w4.pptx">https://www.naesb.org/pdf4/wgq_bps091216w4.pptx</a> Confirmations Streamlining Document Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps091216w5.xlsx">https://www.naesb.org/pdf4/wgq_bps091216w5.xlsx</a>
September 29, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps092916fm.doc">https://www.naesb.org/pdf4/wgq_bps092916fm.doc</a>	WGQ BPS Questions: <a href="https://www.naesb.org/pdf4/wgq_bps092916w1.doc">https://www.naesb.org/pdf4/wgq_bps092916w1.doc</a> R16007 Work Paper , 9/12/16: <a href="https://www.naesb.org/pdf4/wgq_bps092916w2.docx">https://www.naesb.org/pdf4/wgq_bps092916w2.docx</a> Enable Midstream Response to Confirmation Questions: <a href="https://www.naesb.org/pdf4/wgq_bps092916w3.pdf">https://www.naesb.org/pdf4/wgq_bps092916w3.pdf</a> Enbridge Response to Confirmation Questions: <a href="https://www.naesb.org/pdf4/wgq_bps092916w4.pdf">https://www.naesb.org/pdf4/wgq_bps092916w4.pdf</a> Confirmations Examples FIS Work Paper, REVISED: <a href="https://www.naesb.org/pdf4/wgq_bps092916w5.pptx">https://www.naesb.org/pdf4/wgq_bps092916w5.pptx</a> Questar Response to Confirmation Questions: <a href="https://www.naesb.org/pdf4/wgq_bps092916w6.doc">https://www.naesb.org/pdf4/wgq_bps092916w6.doc</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
October 4, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps100416dm.doc">https://www.naesb.org/pdf4/wgq_bps100416dm.doc</a> Attachment: R16007 and R16003(b): <a href="https://www.naesb.org/pdf4/wgq_bps100416a1.docx">https://www.naesb.org/pdf4/wgq_bps100416a1.docx</a>	Suggested Redlines to the WGQ BPS September 12-13, 2016 Draft Minutes, Submitted by D. Davis, Williams and S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps100416w1.doc">https://www.naesb.org/pdf4/wgq_bps100416w1.doc</a> Expressed Concerns by Various LDCs re: Proposal to Limit Confirmations to Level 2 Submitted by P. Connor: <a href="https://www.naesb.org/pdf4/wgq_bps100416w2.docx">https://www.naesb.org/pdf4/wgq_bps100416w2.docx</a> BPS GEH 10-3-16 R16007 and R16003b Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps100416w3.docx">https://www.naesb.org/pdf4/wgq_bps100416w3.docx</a> Work Paper Submitted by TVA: <a href="https://www.naesb.org/pdf4/wgq_bps100416w4.docx">https://www.naesb.org/pdf4/wgq_bps100416w4.docx</a> Suggested Redlines to the WGQ BPS August 18, 2016 Draft Minutes, Submitted by R. Hogge, Dominion Transmission: <a href="https://www.naesb.org/pdf4/wgq_bps100416w5.doc">https://www.naesb.org/pdf4/wgq_bps100416w5.doc</a> Suggested Redlines to the WGQ BPS September 29, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps100416w6.doc">https://www.naesb.org/pdf4/wgq_bps100416w6.doc</a> Suggested Redlines to the WGQ BPS September 29, 2016 Draft Minutes, Submitted by R. Hogge, Dominion Transmission: <a href="https://www.naesb.org/pdf4/wgq_bps100416w7.doc">https://www.naesb.org/pdf4/wgq_bps100416w7.doc</a>
October 18, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps101816fm.doc">https://www.naesb.org/pdf4/wgq_bps101816fm.doc</a>	NAESB LDC Concerns re: Confirmation Elimination of Contract and Package ID: <a href="https://www.naesb.org/pdf4/wgq_bps101816w1.docx">https://www.naesb.org/pdf4/wgq_bps101816w1.docx</a> NAESB BPS LDC Examples of Concerns re: Elimination of Contract and Package Confirmation: <a href="https://www.naesb.org/pdf4/wgq_bps101816w2.xlsx">https://www.naesb.org/pdf4/wgq_bps101816w2.xlsx</a> Suggested Redlines to the WGQ BPS October 4, 2016 Draft Minutes, Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_bps101816w3.doc">https://www.naesb.org/pdf4/wgq_bps101816w3.doc</a> Benefits of Level 2 Confirmations over other confirmation levels, Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps101816w4.docx">https://www.naesb.org/pdf4/wgq_bps101816w4.docx</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
October 27-28, 2016	WGQ BPS Meeting with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps102716fm.doc">https://www.naesb.org/pdf4/wgq_bps102716fm.doc</a> Attachment: Work Paper 10/28/2016: <a href="https://www.naesb.org/pdf4/wgq_bps102716a1.doc">https://www.naesb.org/pdf4/wgq_bps102716a1.doc</a>	Questions on NAESB BPS LDC Examples of Concern Re Elimination of Contract and Package Confirmation - Submitted by E. Browning, Sabine Pass Liquefaction, LLC: <a href="https://www.naesb.org/pdf4/wgq_bps102716w1.xlsx">https://www.naesb.org/pdf4/wgq_bps102716w1.xlsx</a> Questions regarding the NAESB LDC Concerns Re Confirmation Elimination of Contract and Package ID - Submitted by E. Browning, Sabine Pass Liquefaction, LLC: <a href="https://www.naesb.org/pdf4/wgq_bps102716w2.docx">https://www.naesb.org/pdf4/wgq_bps102716w2.docx</a> Questions regarding LDC BPS Work papers posted 10/18/16 - Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps102716w3.docx">https://www.naesb.org/pdf4/wgq_bps102716w3.docx</a> Letter from the WGQ BPS Chairs - Preparation for BPS Face-to-face meeting on 10/27-28/2016: <a href="https://www.naesb.org/pdf4/wgq_bps102716w4.docx">https://www.naesb.org/pdf4/wgq_bps102716w4.docx</a> Work Paper of Skipping Stone for Consideration at Oct 27 2016 WGQ BPS Meeting: <a href="https://www.naesb.org/pdf4/wgq_bps102716w5.docx">https://www.naesb.org/pdf4/wgq_bps102716w5.docx</a> Skipping Stone Questions to LDC Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps102716w6.docx">https://www.naesb.org/pdf4/wgq_bps102716w6.docx</a> Response #1 to Questions on NAESB BPS LDC Examples of Concern Re Elimination of Contract and Package Confirmation (E. Browning, Sabine Pass Liquefaction, LLC) - Submitted by P. Connor, AGA (Blue Text): <a href="https://www.naesb.org/pdf4/wgq_bps102716w7.xlsx">https://www.naesb.org/pdf4/wgq_bps102716w7.xlsx</a> Response #2 to Questions regarding LDC BPS Work papers posted 10/18/16 (S. Munson, FIS) - Submitted by P. Connor, AGA (Red Text): <a href="https://www.naesb.org/pdf4/wgq_bps102716w8.docx">https://www.naesb.org/pdf4/wgq_bps102716w8.docx</a> Simplified Example Re LDC Concerns of Limiting Confirmations to Level 2 and Eliminating Confirmation by Contract and Package ID - Submitted by P. Connor, AGA: <a href="https://www.naesb.org/pdf4/wgq_bps102716w9.xlsx">https://www.naesb.org/pdf4/wgq_bps102716w9.xlsx</a> Issues with Moving Confirmations to Level 2 Comments Submitted by Consolidated Edison Company of New York/Orange and Rockland: <a href="https://www.naesb.org/pdf4/wgq_bps102716w10.docx">https://www.naesb.org/pdf4/wgq_bps102716w10.docx</a> Response #3 to Questions regarding the NAESB LDC Concerns Re Confirmation Elimination of Contract and Package ID (Skipping Stone) - Submitted by P. Connor, AGA: <a href="https://www.naesb.org/pdf4/wgq_bps102716w11.docx">https://www.naesb.org/pdf4/wgq_bps102716w11.docx</a> Response #4 to Questions regarding the NAESB LDC Concerns Re Confirmation Elimination of Contract and Package ID (E. Browning, Sabine Pass Liquefaction, LLC) - Submitted by P. Connor, AGA: <a href="https://www.naesb.org/pdf4/wgq_bps102716w12.docx">https://www.naesb.org/pdf4/wgq_bps102716w12.docx</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
		<p>Natural Gas Transportation Confirmations Primer Submitted by S. Munson, FIS: <a href="https://www.dropbox.com/s/cyf1yh7eeze391w/Primer%20on%20the%20Confirmations%20process%2020161020%20Sylvia%20Munson%20with%20Audio%20ppps.ppsx?dl=0">https://www.dropbox.com/s/cyf1yh7eeze391w/Primer%20on%20the%20Confirmations%20process%2020161020%20Sylvia%20Munson%20with%20Audio%20ppps.ppsx?dl=0</a></p> <p>What Happens to the Confirmed Quantity on the Pipeline Side Submitted by S. Munson, FIS: <a href="https://www.dropbox.com/s/1qng3r61jz0t77h/What%20happens%20to%20the%20confirmed%20Quantity%20on%20the%20pipeline%20side%2020161022%20Sylvia%20Munson.ppsx?dl=0">https://www.dropbox.com/s/1qng3r61jz0t77h/What%20happens%20to%20the%20confirmed%20Quantity%20on%20the%20pipeline%20side%2020161022%20Sylvia%20Munson.ppsx?dl=0</a></p> <p>Skipping Stone Follow-up Questions to NAESB BPS LDC Responses to Questions from Sabine #4: <a href="https://www.naesb.org/pdf4/wgq_bps102716w13.docx">https://www.naesb.org/pdf4/wgq_bps102716w13.docx</a></p> <p>Receipt Point Operator/Producer Level Confirmations Comments, Submitted by Y. Bourgeois, Anadarko Energy Services Company: <a href="https://www.naesb.org/pdf4/wgq_bps102716w14.docx">https://www.naesb.org/pdf4/wgq_bps102716w14.docx</a></p> <p>National Grid Confirmations Comments, Submitted by A. MacBride, National Grid: <a href="https://www.naesb.org/pdf4/wgq_bps102716w15.docx">https://www.naesb.org/pdf4/wgq_bps102716w15.docx</a></p>
November 2, 2016	<p>WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting</p> <p>Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps110216fm.doc">https://www.naesb.org/pdf4/wgq_bps110216fm.doc</a></p> <p>Attachment: BPS Motion: <a href="https://www.naesb.org/pdf4/wgq_bps110216a1.doc">https://www.naesb.org/pdf4/wgq_bps110216a1.doc</a></p>	
November 9-10, 2016	<p>WGQ BPS Meeting with Web Conferencing - GEH Related Meeting</p> <p>Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps110916fm.doc">https://www.naesb.org/pdf4/wgq_bps110916fm.doc</a></p> <p>Attachments: November 10, 2016 Wholesale Gas Quadrant (WGQ) Business Practices Subcommittee (BPS) Draft Interim Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps110916a1.doc">https://www.naesb.org/pdf4/wgq_bps110916a1.doc</a></p> <p>Work Paper regarding Confirmation Methods discussed in previous meeting Submitted by S. Munson, FIS (Revised): <a href="https://www.naesb.org/pdf4/wgq_bps110916a2.docx">https://www.naesb.org/pdf4/wgq_bps110916a2.docx</a></p> <p>Confirmation Level Matrix: <a href="https://www.naesb.org/pdf4/wgq_bps110916a3.xlsx">https://www.naesb.org/pdf4/wgq_bps110916a3.xlsx</a></p> <p>Confirmation Level Chart: <a href="https://www.naesb.org/pdf4/wgq_bps110916a4.docx">https://www.naesb.org/pdf4/wgq_bps110916a4.docx</a></p> <p>November 10, 2016 Wholesale Gas Quadrant (WGQ) Business Practices Subcommittee (BPS) Draft Interim Work Paper (after Lunch): <a href="https://www.naesb.org/pdf4/wgq_bps110916a5.doc">https://www.naesb.org/pdf4/wgq_bps110916a5.doc</a></p>	<p>Work Paper 1 of Skipping Stone for November 9: <a href="https://www.naesb.org/pdf4/wgq_bps110916w1.docx">https://www.naesb.org/pdf4/wgq_bps110916w1.docx</a></p> <p>Work Paper regarding Confirmation Methods discussed in previous meeting Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps110916w2.docx">https://www.naesb.org/pdf4/wgq_bps110916w2.docx</a></p> <p>WGQ BPS Working Document (Day One): <a href="https://www.naesb.org/pdf4/wgq_bps110916w3.doc">https://www.naesb.org/pdf4/wgq_bps110916w3.doc</a></p> <p>Confirmation Level Matrix Submitted by G. Nowak, Kinder Morgan: <a href="https://www.naesb.org/pdf4/wgq_bps110916w4.xlsx">https://www.naesb.org/pdf4/wgq_bps110916w4.xlsx</a></p> <p>Receipt Point Operator/Producer Level Confirmations Comments, Submitted by Y. Bourgeois, Anadarko Energy Services Company: <a href="https://www.naesb.org/pdf4/wgq_bps110916w5.docx">https://www.naesb.org/pdf4/wgq_bps110916w5.docx</a></p>



Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
November 16, 2016	WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps111616fm.doc">https://www.naesb.org/pdf4/wgq_bps111616fm.doc</a> Attachment: R16007 and R16003b-WGQ BPS Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps111616a1.doc">https://www.naesb.org/pdf4/wgq_bps111616a1.doc</a>	R16007/R16003b - LDC Segment Work Paper proposed modifications to proposed standards regarding shaped nominations - Draft 11/11/2016: <a href="https://www.naesb.org/pdf4/wgq_bps111616w1.docx">https://www.naesb.org/pdf4/wgq_bps111616w1.docx</a> R16003c - Work Paper of Skipping Stone and EDF: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps111616w2.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps111616w2.docx</a> R16003c - Mutual Agreement Scheduling 11/16/16 Amended Attachment 1: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps111616w3.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps111616w3.docx</a> GEH Forum 25/26 - NAESB standards related to communication between parties for GEH discussion on 11/16/16 Submitted by S. Munson, FIS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps111616w4.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps111616w4.docx</a> Suggested Redlines to the WGQ BPS November 9-10, 2016 Draft Minutes, Submitted by R. Hogge, Dominion: <a href="https://www.naesb.org/pdf4/wgq_bps111616w5.doc">https://www.naesb.org/pdf4/wgq_bps111616w5.doc</a> Suggested Redlines to the WGQ BPS November 2, 2016 Draft Minutes, Submitted by R. Hogge, Dominion: <a href="https://www.naesb.org/pdf4/wgq_bps111616w6.doc">https://www.naesb.org/pdf4/wgq_bps111616w6.doc</a>
November 30- December 1, 2016	WGQ BPS Meeting with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps113016fm.doc">https://www.naesb.org/pdf4/wgq_bps113016fm.doc</a> Attachments: R16007/R16003b - WGQ BPS Day One Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps113016a1.doc">https://www.naesb.org/pdf4/wgq_bps113016a1.doc</a> GEH Issue 33 – Motion: <a href="https://www.naesb.org/pdf4/wgq_bps113016a2.docx">https://www.naesb.org/pdf4/wgq_bps113016a2.docx</a> GEH Issue 36 - WGQ BPS Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps113016a3.docx">https://www.naesb.org/pdf4/wgq_bps113016a3.docx</a> GEH Issue 25 & 26: WGQ BPS Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps113016a4.doc">https://www.naesb.org/pdf4/wgq_bps113016a4.doc</a> GEH Issue #36: WGQ BPS Interim Work Paper (Day Two): <a href="https://www.naesb.org/pdf4/wgq_bps113016a5.docx">https://www.naesb.org/pdf4/wgq_bps113016a5.docx</a> R16007 and R16003b: Work Paper 1: <a href="https://www.naesb.org/pdf4/wgq_bps113016a6.docx">https://www.naesb.org/pdf4/wgq_bps113016a6.docx</a> GEH Issue 36: WGQ BPS Work Paper 2: <a href="https://www.naesb.org/pdf4/wgq_bps113016a7.docx">https://www.naesb.org/pdf4/wgq_bps113016a7.docx</a> GEH Issue 36: WGQ BPS Work Paper/Motion: <a href="https://www.naesb.org/pdf4/wgq_bps113016a8.docx">https://www.naesb.org/pdf4/wgq_bps113016a8.docx</a>	R16007/R16003b - LDC Segment Work Paper proposed modifications to proposed standards regarding shaped nominations - Draft 11/11/2016: <a href="https://www.naesb.org/pdf4/wgq_bps113016w1.docx">https://www.naesb.org/pdf4/wgq_bps113016w1.docx</a> R16003c - Work Paper of Skipping Stone and EDF: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w2.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w2.docx</a> GEH Forum 25/26 - NAESB standards related to communication between parties for GEH discussion on 11/16/16 Submitted by S. Munson, FIS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w3.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w3.docx</a> R16007 and R16003b-WGQ BPS Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps113016w4.doc">https://www.naesb.org/pdf4/wgq_bps113016w4.doc</a> R16003b-Skipping Stone with Boardwalk redlines accepted: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w5.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w5.docx</a> R16003b- Skipping Stone with Boardwalk redlines: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w6.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w6.docx</a> Proposed language for confirmation methods vote from FIS: <a href="https://www.naesb.org/pdf4/wgq_bps113016w7.docx">https://www.naesb.org/pdf4/wgq_bps113016w7.docx</a> Proposed language for levels of confirmation from FIS: <a href="https://www.naesb.org/pdf4/wgq_bps113016w8.docx">https://www.naesb.org/pdf4/wgq_bps113016w8.docx</a> Proposed language for R16007 and R16003b from FIS – Updated: <a href="https://www.naesb.org/pdf4/wgq_bps113016w9.doc">https://www.naesb.org/pdf4/wgq_bps113016w9.doc</a>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
		<p>Proposed language for R16003c from FIS - Updated from Greg Lander's latest posting: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w10.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps113016w10.docx</a></p> <p>Suggested Redlines to the WGQ BPS November 16, 2016 Draft Minutes, Submitted by R. Hogge, Dominion: <a href="https://www.naesb.org/pdf4/wgq_bps113016w11.doc">https://www.naesb.org/pdf4/wgq_bps113016w11.doc</a></p> <p>GEH Issue 36 - November 10, 2016 WGQ BPS Draft Interim Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps113016w12.doc">https://www.naesb.org/pdf4/wgq_bps113016w12.doc</a></p> <p>GEH Issue 36: Proposed Additional Standard: <a href="https://www.naesb.org/pdf4/wgq_bps113016w13.docx">https://www.naesb.org/pdf4/wgq_bps113016w13.docx</a></p> <p>GEH Issue 36: Proposed Additional Standard - From FIS: <a href="https://www.naesb.org/pdf4/wgq_bps113016w14.docx">https://www.naesb.org/pdf4/wgq_bps113016w14.docx</a></p> <p>GEH Issue 36 – Example: <a href="https://www.naesb.org/pdf4/wgq_bps113016w15.pdf">https://www.naesb.org/pdf4/wgq_bps113016w15.pdf</a></p>
December 8-9, 2016	<p>WGQ BPS Meeting with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps120816fm.doc">https://www.naesb.org/pdf4/wgq_bps120816fm.doc</a></p> <p>Attachments:                      GEH Issues 26 and 26 Vote: <a href="https://www.naesb.org/pdf4/wgq_bps120816a1.doc">https://www.naesb.org/pdf4/wgq_bps120816a1.doc</a>                      R16007 and R16003b: Work Paper 1: <a href="https://www.naesb.org/pdf4/wgq_bps120816a2.docx">https://www.naesb.org/pdf4/wgq_bps120816a2.docx</a>                      R16003b-Skipping Stone with Boardwalk redlines accepted: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps120816a3.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps120816a3.docx</a></p>	<p>GEH Issue 36 - Proposed Additional Standard Submitted by NJNG and PSEG: <a href="https://www.naesb.org/pdf4/wgq_bps120816w1.docx">https://www.naesb.org/pdf4/wgq_bps120816w1.docx</a></p> <p>GEH Issue 36: Proposed Additional Standard - From FIS: <a href="https://www.naesb.org/pdf4/wgq_bps120816w2.docx">https://www.naesb.org/pdf4/wgq_bps120816w2.docx</a></p> <p>LDC Work paper - Proposed Supplemental Shaped Nomination Standards: <a href="https://www.naesb.org/pdf4/wgq_bps120816w3.pdf">https://www.naesb.org/pdf4/wgq_bps120816w3.pdf</a></p> <p>Suggested Redlines to the WGQ BPS November 30 - December 1, 2016 Draft Minutes, Submitted by R. Hogge, Dominion: <a href="https://www.naesb.org/pdf4/wgq_bps120816w4.doc">https://www.naesb.org/pdf4/wgq_bps120816w4.doc</a></p> <p>R16003b-Skipping Stone with Boardwalk redlines accepted: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps120816w5.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps120816w5.docx</a></p>
December 14, 2016	<p>WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps121416fm.doc">https://www.naesb.org/pdf4/wgq_bps121416fm.doc</a></p> <p>Attachments:                      GEH Issue 36: Level of Confirmations Anadarko Proposed Language: <a href="https://www.naesb.org/pdf4/wgq_bps121416a1.docx">https://www.naesb.org/pdf4/wgq_bps121416a1.docx</a>                      GEH Issue 36: Level of Confirmations Anadarko Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps121416a2.docx">https://www.naesb.org/pdf4/wgq_bps121416a2.docx</a></p>	<p>Presentation of examples of frequency and shape of variable flows: <a href="https://www.naesb.org/pdf4/wgq_bps121416w1.pptx">https://www.naesb.org/pdf4/wgq_bps121416w1.pptx</a></p> <p>SS-EDF Post Dec 8-9 modifications to requested standards: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121416w2.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121416w2.docx</a></p> <p>GEH Issue 36: Level of Confirmations Anadarko Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps121416w3.docx">https://www.naesb.org/pdf4/wgq_bps121416w3.docx</a></p>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
December 19-20, 2016	<p>WGQ BPS Meeting with Web Conferencing - GEH Related Meeting Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps121916fm.doc">https://www.naesb.org/pdf4/wgq_bps121916fm.doc</a></p> <p>Attachments:                      GEH Issue 36: Level of Confirmations Anadarko Proposed Language – Redline: <a href="https://www.naesb.org/pdf4/wgq_bps121916a1.docx">https://www.naesb.org/pdf4/wgq_bps121916a1.docx</a>                      GEH Issue 36: Level of Confirmations Anadarko Proposed Language – Clean: <a href="https://www.naesb.org/pdf4/wgq_bps121916a2.docx">https://www.naesb.org/pdf4/wgq_bps121916a2.docx</a>                      GEH Issue 36: Levels of Confirmation LDC Language: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916a3.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916a3.doc</a>                      GEH Forum Issue #36 WGQ BPS Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps121916a4.docx">https://www.naesb.org/pdf4/wgq_bps121916a4.docx</a>                      GEH Issue 36: Level of Confirmations Anadarko Proposed Language - Clean - Modified on December 20, 2016: <a href="https://www.naesb.org/pdf4/wgq_bps121916a5.docx">https://www.naesb.org/pdf4/wgq_bps121916a5.docx</a>                      GEH Issue 36 - Levels of Confirmation WGQ BPS Work Paper Modified on December 20, 2016: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916a6.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916a6.doc</a>                      GEH Issue 36: Level of Confirmations Anadarko Proposed Language - Clean - Modified on December 20, 2016: <a href="https://www.naesb.org/pdf4/wgq_bps121916a7.docx">https://www.naesb.org/pdf4/wgq_bps121916a7.docx</a>                      R16003c Proposed Motion: <a href="https://www.naesb.org/pdf4/wgq_bps121916a8.docx">https://www.naesb.org/pdf4/wgq_bps121916a8.docx</a></p>	<p>GEH Issue 36: LDC Confirmation Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps121916w1.doc">https://www.naesb.org/pdf4/wgq_bps121916w1.doc</a>                      GEH Issue 36: Level of Confirmations Anadarko Proposed Language: <a href="https://www.naesb.org/pdf4/wgq_bps121916w2.docx">https://www.naesb.org/pdf4/wgq_bps121916w2.docx</a>                      GEH Issue 36: Level of Confirmations Anadarko Work Paper: <a href="https://www.naesb.org/pdf4/wgq_bps121916w3.docx">https://www.naesb.org/pdf4/wgq_bps121916w3.docx</a>                      Skipping Stone Questions to LDCs in re Package ID: <a href="https://www.naesb.org/pdf4/wgq_bps121916w4.docx">https://www.naesb.org/pdf4/wgq_bps121916w4.docx</a>                      Questions and Comments from P. Connor regarding the SS-EDF Post Dec 8-9 modifications to requested standards: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w5.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w5.docx</a>                      Skipping Stone Response to P. Connor Questions and Comments: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w6.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w6.docx</a>                      Proposed Additional Standard for Levels of Confirmation Submitted by S. Munson, FIS: <a href="https://www.naesb.org/pdf4/wgq_bps121916w7.docx">https://www.naesb.org/pdf4/wgq_bps121916w7.docx</a>                      GEH Issue 36: Level of Confirmations LDC Proposed Language: <a href="https://www.naesb.org/pdf4/wgq_bps121916w8.doc">https://www.naesb.org/pdf4/wgq_bps121916w8.doc</a>                      R16003d: Special Efforts Capacity Release, Submitted by EDF and SS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w9.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w9.docx</a>                      R16003b Nominations of Hourly Quantities, Submitted by EDF and SS: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w10.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps121916w10.docx</a>                      Suggested Redlines to the WGQ BPS December 14, 2016 Draft Minutes, Submitted by G. Lander, Skipping Stone: <a href="https://www.naesb.org/pdf4/wgq_bps121916w11.doc">https://www.naesb.org/pdf4/wgq_bps121916w11.doc</a></p>

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present

Appendix C: WGQ Business Practices Subcommittee (BPS) Meeting Minutes and Work Papers from January 7, 2016 to the Present		
Date	Link to Meeting Minutes	Work Papers and Comments
January 17, 2017	<p>WGQ BPS Conference Call with Web Conferencing - GEH Related Meeting</p> <p>Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_bps011717fm.doc">https://www.naesb.org/pdf4/wgq_bps011717fm.doc</a></p> <p>Attachments:</p> <p>WGQ BPS Voting Results: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps011717a1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps011717a1.docx</a></p> <p>Vote #1 on GEH Issue #36: <a href="https://www.naesb.org/pdf4/wgq_bps011717a2.doc">https://www.naesb.org/pdf4/wgq_bps011717a2.doc</a></p> <p>Revised EDF-SS Work Paper, Submitted by G. Lander, Skipping Stone, LLC: <a href="https://www.naesb.org/pdf4/wgq_bps011717a3.docx">https://www.naesb.org/pdf4/wgq_bps011717a3.docx</a></p> <p>Revised Memo to BPS from IR/Technical re: 2016 AP Item 3(c)(i) and 2016 AP Item 3(c)(iii) - Shaped Nominations: <a href="https://www.naesb.org/pdf4/wgq_bps011717a4.docx">https://www.naesb.org/pdf4/wgq_bps011717a4.docx</a></p>	<p>BPS Chairs Work Paper for Agenda Item 3 Voting: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_bps011717w1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_bps011717w1.docx</a></p> <p>Suggested Redlines to the WGQ BPS December 8-9, 2016 Draft Minutes, Submitted by R. Hogge, Dominion: <a href="https://www.naesb.org/pdf4/wgq_bps011717w2.doc">https://www.naesb.org/pdf4/wgq_bps011717w2.doc</a></p> <p>Memo to BPS from IR/Technical re: 2016 AP Item 3(b)(v) - Levels of Confirmations: <a href="https://www.naesb.org/pdf4/wgq_bps011717w3.docx">https://www.naesb.org/pdf4/wgq_bps011717w3.docx</a></p> <p>Memo to BPS from IR/Technical re: 2016 AP Item 3(c)(i) and 2016 AP Item 3(c)(iii) - Shaped Nominations: <a href="https://www.naesb.org/pdf4/wgq_bps011717w4.docx">https://www.naesb.org/pdf4/wgq_bps011717w4.docx</a></p> <p>EDF-SS Work Paper, Submitted by G. Lander, Skipping Stone, LLC: <a href="https://www.naesb.org/pdf4/wgq_bps011717w5.docx">https://www.naesb.org/pdf4/wgq_bps011717w5.docx</a></p> <p>Suggested Redlines to the WGQ BPS December 19-20, 2016 Draft Minutes, Submitted by R. Hogge, Dominion: <a href="https://www.naesb.org/pdf4/wgq_bps011717w6.doc">https://www.naesb.org/pdf4/wgq_bps011717w6.doc</a></p>

Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
<b>1. Develop business practices standards as needed to complement reliability standards</b>		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution Note: Consideration should be given to provisional item 2.a. Work is being coordinated with the IDC Association. Status: Full Staffing	TBD	BPS
b) Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation. <sup>1</sup> Status: Full Staffing	TBD	BPS
c) Revise TLR level 5 to be treated similarly to TLR Level 3 in terms of treating the next hour allocation separately from that of current hour. ( <a href="#">R11020</a> ) Status: Full Staffing	TBD	BPS
d) Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-0) Status: Complete	4 <sup>th</sup> Q, 2016	BPS
e) Assess impact to NAESB Business Practices with FERC approval of removing the PSE (Order RR15-4-000) and LSE (Order RR15-4-001) from the NERC Compliance Registry Status: Not Started	TBD	BPS/CISS
i) Modifications to WEQ-004 Coordinate Interchange Business Practice Standards for Dynamic Tags and Pseudo-Tie type e-Tags <a href="#">R16008</a> Status: Started	TBD	CISS/BPS
f) Develop, modify or delete business practices standards to support NERC activities related to NERC Inadvertent Interchange BAL-006 Status: Complete	2 <sup>nd</sup> Q 2016	BPS
<b>2. Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)<sup>2</sup></b>		
a) Develop version 3 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Status: Underway Request R05004 was expanded to include the <a href="#">Order No. 890 (Docket Nos. RM05-17-000 and RM02-25-000)</a> , ( <a href="#">Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002)</a> ), and <a href="#">Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)</a> “Preventing Undue Discrimination and Preference in Transmission Services”		

<sup>1</sup> In some sections of WEQ-008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

<sup>2</sup> FERC Order No. 890, issued February 16, 2007, can be accessed from the following link: [http://www.naesb.org/doc\\_view4.asp?doc=ferc021607.doc](http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc).

Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
i) Group 4: Preemption; Request No. <a href="#">R05019 (Part of Preemption and Competition)</a>		
1) Short-Term Firm Preemption and Competition (OATT Section 13.2 and 14.2) Status: Started	2 <sup>nd</sup> Q, 2017	OASIS
2) Long-Term Rollover Rights Competition (OATT Section 2.2) Status: Complete	2 <sup>nd</sup> Q, 2016	OASIS
3) Long-Term Rollover Rights Competition Appeal (R16011) Status: Complete	4 <sup>th</sup> Q, 2016	OASIS
ii) Group 6: Miscellaneous (Paragraph 1627 <sup>3</sup> of FERC Order No. 890)		
1) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments Status: Started	TBD	OASIS/BPS
2) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Started	2017	OASIS/BPS
<b>3. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>		
a) Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS ( <a href="#">R05026</a> ). Scoping <a href="#">statement</a> completed by SRS. There were a number of assignments from the Standards Request. The outstanding item is Enhance the TSR result postings to allow showing of available generation dispatch options that would allow acceptance of reservation request. Status: Started	3 <sup>rd</sup> Q, 2017	OASIS/BPS
b) Enhance the TSR Results posting to allow a showing of limiting transmission elements for denied transmission service requests. This shall include information for denied Coordinated Requests. <a href="#">R05026</a> scoping <a href="#">statement</a> completed by SRS and <a href="#">R12006</a> . Status: Started	2017	OASIS/BPS
c) Requirements for OASIS to use data in the Electric Industry Registry ( <a href="#">R12001</a> ) Status: Not Started	TBD	OASIS
<b>4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.</b>		
a) Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. <sup>4</sup> Status: Complete	3 <sup>rd</sup> Q 2016	Cybersecurity Subcommittee

<sup>3</sup> Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
 2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
 Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
b) Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards <sup>5</sup> and any other activities of the FERC related to cybersecurity. Status: Complete	3 <sup>rd</sup> Q 2016	Cybersecurity Subcommittee
<b>5 Maintain existing body of Version 3.x standards</b>		
a) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> ) Status: Started	2 <sup>nd</sup> Q, 2017	OASIS
b) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ( <a href="#">R09015</a> ) Status: Complete	3 <sup>rd</sup> Q 2016	OASIS
c) Review WEQ-022 and remove references to NERC (ERO) to reflect full transition of EIR. Status: Complete	4 <sup>th</sup> Q, 2016	CISS
d) Review and modify as necessary WEQ-004, EIR Business Practice Standards, e-Tag Specification, and e-Tag Schema to make the necessary modifications to recognize the Market Operator Role within the Electric Industry Registry Status: Complete	2 <sup>nd</sup> Q 2016	CISS
<b>6. Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)<sup>6</sup></b>		
a) Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms Status: Started	2017	Joint WEQ/WGQ FERC Forms Subcommittee
<b>7. Gas-Electric Coordination</b>		
a) Review FERC Order No. 809 ¶ 107 issued in Docket No. RM14-2-000 <sup>7</sup> regarding computerized scheduling and provide recommended direction concerning the development of standards or modifications to existing standards as needed to support the request of the Commission <sup>8</sup> The recommended direction <sup>9</sup> will require board approval, for both the timeline to be pursued and the framework for standards development. <sup>10</sup> Status: Complete	2016	Gas-Electric Harmonization Forum, NAESB Board of Directors, WEQ EC & WGQ EC

<sup>4</sup> The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at:

[http://www.naesb.org/member\\_login\\_check.asp?doc=certification\\_specifications.docx](http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx).

<sup>5</sup> <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>

<sup>6</sup> The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: [https://www.naesb.org/pdf4/ferc041615\\_electronic\\_filing\\_protocols\\_forms.pdf](https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf)

<sup>7</sup> FERC Order No. 809 can be found through the following hyperlink: <https://www.ferc.gov/whats-new/comm-meet/2015/041615/M-1.pdf>

<sup>8</sup> FERC Order No. 809 ¶107. While NAESB’s modified standards represent an improvement over the currently effective standards, we continue to recognize that additional intraday nomination opportunities could promote more efficient use of existing pipeline infrastructure and provide additional operational flexibility to all pipeline shippers, including gas-fired generators. The modified NAESB standards reflect reduced intraday processing times from the current NAESB standards (i.e., three hours instead of the current four hours), and existing operational limitations, including the manual processes utilized by pipelines for processing nominations, may affect the ability of the gas industry to add additional standard nomination cycles applicable to all shippers. However, the use of computerized scheduling would appear to provide an opportunity for faster and more frequent scheduling of intraday nominations for those shippers and their confirming parties willing to commit to scheduling electronically. We request that gas and electric industries, through NAESB, explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. Providing such an option would enable those entities that need greater scheduling flexibility to have their requests processed expeditiously.

<sup>9</sup> The steps for the GEH forum shall be:

Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
b) Resulting from the efforts of annual plan item 7(a), develop standards as needed and directed by the Board of Directors, which are specifically assigned to the WEQ		
i. GEH Forum Issue 22 <sup>11</sup> : <i>“It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion”</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(i)1. Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
ii. GEH Forum Issue 25 <sup>12</sup> : <i>Communication protocols with LDCs, gas generator operators and natural gas marketing companies</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(ii)1. Status: Not started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
iii. GEH Forum Issue 26 <sup>13</sup> : <i>“Improve efficiency of critical information sharing (related to issues 22 and 25)”</i>		
1. Consider and determine if WEQ standards are needed, and develop	2 <sup>nd</sup> Q, 2017	WEQ EC and

- (1) Provide a forum for industry education from both the natural gas and electric industries regarding gas-electric coordination specific to computerized scheduling, and confirmations including a streamlined confirmation process, if necessary ([FERC Order No. 809 Order on Rehearing, Docket No. RM14-2-001](#))
- (2) Identify potential issues specific to computerized scheduling, and confirmations including a streamlined confirmation process, if necessary which could be based on the education provided in step 1
- (3) Identify potential solutions to the issues identified in step 2
- (4) Identify potential schedules for standards development including status and progress reports to the board

<sup>10</sup>FERC Order on Rehearing ¶1 – September 17, 2015 [Docket No. RM14-2-001] In Order No. 809, the Commission revised its regulations relating to the scheduling of transportation service on interstate natural gas pipelines to better coordinate the scheduling practices of the wholesale natural gas and electric industries, as well as to provide additional scheduling flexibility to all shippers on interstate natural gas pipelines.<sup>10</sup> The Commission also requested that natural gas and electric industries, through the North American Energy Standards Board (NAESB), explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. On May 18, 2015, the Desert Southwest Pipeline Stakeholders (DSPS)<sup>10</sup> filed a request for rehearing of Order No. 809. On August 4, 2015, NAESB filed a report indicating that due to the press of implementing the revised nomination standards by April 1, 2016, it would not begin the development of computerized scheduling standards until after that date. As discussed below, the Commission denies DSPS’ request for rehearing and directs El Paso Natural Gas Company, L.L.C. (El Paso), Transwestern Pipeline Company, LLC (Transwestern), and TransCanada-North Baja Pipelines (TransCanada-North Baja) to make an informational filing within 90 days of the date of this order. In addition, while we recognize the time commitments in implementing the revised nomination timeline, the Commission requests that the natural gas and electric industries, through NAESB, begin considering the development of standards related to faster, computerized scheduling and file such standards or a report on the development of such standards with the Commission by October 17, 2016.

<sup>11</sup> The GEH Forum Issues may be found in the GEH Survey Addendum: [https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)

<sup>12</sup> *Id.*

<sup>13</sup> *Id.*



Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
a recommendation and report to the Board of Directors Status: Not started. Start date is dependent upon actions taken by WGQ		related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(iii)1. Status: Not started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
iv. GEH Forum Issue 33 <sup>14</sup> : <i>“Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization”</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(iv)1. Status: Not started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
v. GEH Forum Issue 36 <sup>15</sup> : <i>“Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the “Art of Scheduling,” pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17<sup>16</sup> in the first presentation.”</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(v)1. Status: Not started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
<b>8. Demand Response</b>		
a) Develop and/or modify Demand Response Standards as needed in response to the Supreme Court decisions regarding the final D.C. Circuit ruling on FERC Order No. 745 Status: Complete	1 <sup>st</sup> Q, 2016	DSM-EE Subcommittee

<sup>14</sup> *Id.*

<sup>15</sup> *Id.*

<sup>16</sup> GEH Forum Issue 17 “Levels of Confirmation” can be found in the GEH Survey Addendum: [https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)

Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on September 1, 2016**

---

**PROVISIONAL ITEMS**

---

1. **Optional Work to Extend Existing Standards**
    - a) Prepare recommendations for future path for TLR<sup>17</sup> (Phase 2) in concert with NERC, which may include alternative congestion management procedures<sup>18</sup>. Work on this activity is dependent on completing 2016 WEQ Annual Plan 1.a (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection - Phase 1).
    - b) Re-examine the need for business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers, GLN, and LEI.
  2. **Pending Regulatory or Legislative Action**
    - a) Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.
    - b) Develop business practice standards for cap and trade programs for greenhouse gas.
    - c) Should the FERC determine to act in response to NAESB's report of the Version 003.1 Business Practice Standards, and should the FERC recommend specific action, develop and/or revise Business Practice Standards as needed.
    - d) Revise WEQ-023 based on FERC Orders associated to Docket Nos. RM14-7-000 and AD15-5-000.
    - e) Develop and/or modify standards as need in support of the October 18, 2016 correspondence<sup>19</sup> from Chairman Bay not otherwise addressed by 2016 WEQ Annual Plan Items 7.b.
- 

---

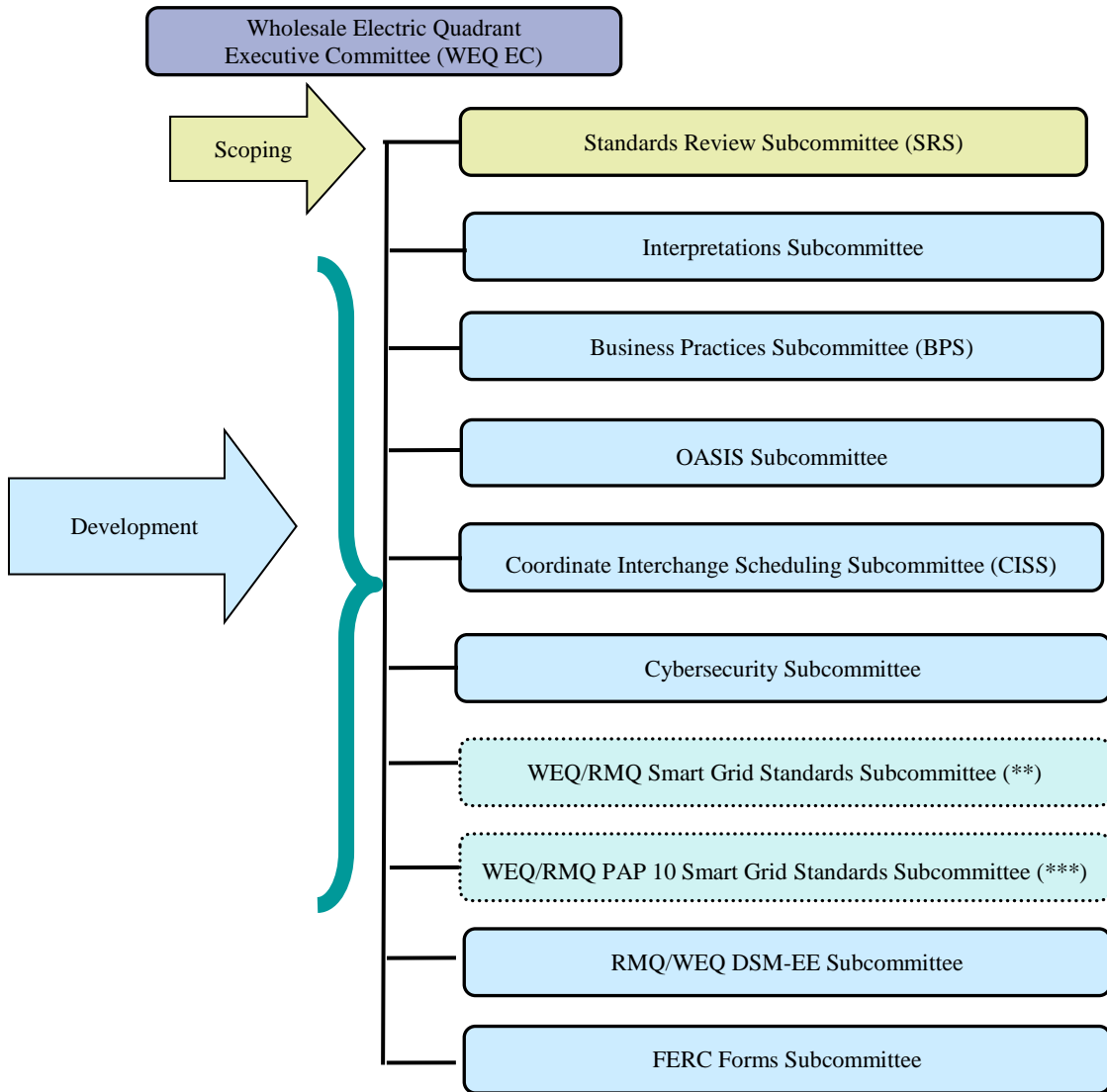
<sup>17</sup> Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1.

<sup>18</sup> For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item:  
[http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

<sup>19</sup> The October 18, 2016 letter from Chairman Bay can be found at the following link:  
[https://naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf)

Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE**



Appendix D: NAESB 2016 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NAESB WEQ EC and Active Subcommittee Leadership:**

Executive Committee (EC): Kathy York (Chair) and Roy True (Vice Chair)

Standards Review Subcommittee (SRS): Rebecca Berdahl, Ron Robinson

Interpretations Subcommittee: Ed Skiba

Business Practices Subcommittee (BPS): Jason Davis, Ross Kovacs, Narinder Saini

Open Access Same Time Information System (OASIS) Subcommittee: J.T. Wood, Alan Pritchard, Ken Quimby

Coordinate Interchange Scheduling Subcommittee (CISS): Joshua Phillips, Zack Buus

Cybersecurity Subcommittee: Jim Buccigross

Demand Side Management-Energy Efficiency (DSM-EE) RMQ/WEQ Subcommittee: Roy True (WEQ), Paul Wattles (WEQ), and Eric Winkler (RMQ)

FERC Forms Subcommittee (WEQ/WGQ): Leigh Spangler (WGQ), Dick Brooks (WEQ)

**Inactive Subcommittees:**

e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Keith Sappenfield (WGQ)

(\*\*) The Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS (Organization for the Advancement of Structured Information Standards, not Open Access Same Time Information Systems related to NAESB standards and FERC actions), CalConnect, FIX and UCAIug, among others. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and RMQ ECs.

(\*\*\*) The PAP 10 Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, UCAIug, OpenADE, ZigBee, ASHRAE, EIS Alliance, NARUC and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and RMQ ECs.

Appendix E: NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
 2016 Annual Plan for the Wholesale Gas Quadrant  
 Adopted by the Board of Directors on December 8, 2016**

<b>Item Description</b>	<b>Completion<sup>i</sup></b>	<b>Assignment<sup>ii</sup></b>
<b>1. Update Standards Matrix Tool for Ease of Use<sup>iii</sup></b>		
a. Update the reference tool developed for Version 2.1 to reflect modifications applicable to Version 3.0 Status: Completed	1 <sup>st</sup> Q, 2016	WGQ IR/Technical
<b>2. Electronic Delivery Mechanisms</b>		
a. Review minimum technical characteristics in Appendices B, C, and D of the WGQ QEDM Manual, and make changes as appropriate. Status: Not Started	2016	WGQ EDM
<b>3. Gas-Electric Coordination</b>		
a. Review FERC Order No. 809 ¶ 107 issued in Docket No. RM14-2-000 <sup>1</sup> regarding computerized scheduling and provide recommended direction concerning the development of standards or modifications to existing standards as needed to support the request of the Commission <sup>2</sup> The recommended direction <sup>3</sup> will require two-step board approval, for both the timeline to be pursued and the framework for standards development. <sup>4</sup> Status: Completed	2016	Gas-Electric Harmonization Forum, NAESB Board of Directors, WEQ EC & WGQ EC

<sup>1</sup>FERC Order No. 809 can be found through the following hyperlink: <https://www.ferc.gov/whats-new/comm-meet/2015/041615/M-1.pdf>

<sup>2</sup>FERC Order No. 809 ¶107. While NAESB's modified standards represent an improvement over the currently effective standards, we continue to recognize that additional intraday nomination opportunities could promote more efficient use of existing pipeline infrastructure and provide additional operational flexibility to all pipeline shippers, including gas-fired generators. The modified NAESB standards reflect reduced intraday processing times from the current NAESB standards (i.e., three hours instead of the current four hours), and existing operational limitations, including the manual processes utilized by pipelines for processing nominations, may affect the ability of the gas industry to add additional standard nomination cycles applicable to all shippers. However, the use of computerized scheduling would appear to provide an opportunity for faster and more frequent scheduling of intraday nominations for those shippers and their confirming parties willing to commit to scheduling electronically. We request that gas and electric industries, through NAESB, explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. Providing such an option would enable those entities that need greater scheduling flexibility to have their requests processed expeditiously.

<sup>3</sup> The steps for the GEH forum shall be:

- (5) Provide a forum for industry education from both the natural gas and electric industries regarding gas-electric coordination specific to computerized scheduling, and confirmations including a streamlined confirmation process, if necessary ([FERC Order No. 809 Order on Rehearing, Docket No. RM14-2-001](#))
- (6) Identify potential issues specific to computerized scheduling, and confirmations including a streamlined confirmation process, if necessary which could be based on the education provided in step 1
- (7) Identify potential solutions to the issues identified in step 2
- (8) Identify potential schedules for standards development including status and progress reports to the board

<sup>4</sup> FERC Order on Rehearing ¶1 – September 17, 2015 [Docket No. RM14-2-001] In Order No. 809, the Commission revised its regulations relating to the scheduling of transportation service on interstate natural gas pipelines to better coordinate the scheduling practices of the wholesale natural gas and electric industries, as well as to provide additional scheduling flexibility to all shippers on interstate natural gas pipelines.<sup>4</sup> The Commission also requested that natural gas and electric industries, through the North American Energy Standards Board (NAESB), explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. On May 18, 2015, the Desert Southwest Pipeline Stakeholders (DSPS)<sup>4</sup> filed a request for rehearing of Order No. 809. On August 4, 2015, NAESB filed a report indicating that due to the press of implementing the revised nomination standards by April 1, 2016, it would not begin the development of computerized scheduling standards until after that date. As discussed below, the Commission denies DSPS' request for rehearing and directs El Paso Natural Gas Company, L.L.C. (El Paso), Transwestern Pipeline Company, LLC (Transwestern), and TransCanada-North Baja Pipelines (TransCanada-North Baja) to make an informational filing within 90 days of the date of this order. In addition, while we recognize the time commitments in implementing the revised nomination timeline, the Commission requests that the natural gas and electric industries, through NAESB, begin considering the development of standards related to faster, computerized scheduling and file such standards or a report on the development of such standards with the Commission by October 17, 2016.

Appendix E: NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2016 Annual Plan for the Wholesale Gas Quadrant  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
b. Resulting from the efforts of annual plan item 3(a), develop standards as needed and directed by the Board of Directors, which are specifically assigned to the WGQ.		
i. GEH Forum Issue 22 <sup>5</sup> : <i>“It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion”</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Underway	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of item 3b(i)1. Status: Underway	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
ii. GEH Forum Issue 25 <sup>7</sup> : <i>Communication protocols with LDCs, gas generator operators and natural gas marketing companies</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of item 3b(ii)1. Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
iii. GEH Forum Issue 26 <sup>8</sup> : <i>“Improve efficiency of critical information sharing (related to issues 22 and 25)</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of item 3b(iii)1. Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
iv. GEH Forum Issue 33 <sup>9</sup> : <i>“Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization”</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS

<sup>5</sup> The GEH Forum Issues may be found in the GEH Survey Addendum:  
[https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)  
<sup>6</sup> The October 18, 2016 letter from Chairman Bay can be found at the following link:  
[https://naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf)

<sup>7</sup> *Id.*  
<sup>8</sup> *Id.*  
<sup>9</sup> *Id.*

Appendix E: NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
 2016 Annual Plan for the Wholesale Gas Quadrant  
 Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
Status: Underway		
2. Develop WGQ standards according to the recommendation of item 3b(iv)1.	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
Status: Underway		
v. GEH Forum Issue 36 <sup>10</sup> : <i>“Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the “Art of Scheduling,” pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17<sup>11</sup> in the first presentation.”</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
Status: Underway		
2. Develop WGQ standards according to the recommendation of item 3b(v)1.	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
Status: Underway		
c. Address standards development requests related to gas-electric harmonization		
i. Develop business practices as needed to support <a href="#">R16003</a> and <a href="#">attachment: Special Efforts Scheduling Services for Natural Gas Pipeline Transportation - The proposed standard addresses certain business practices relating to Best Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles, b) permits flow changes outside of standard schedule flow periods; and/or c) involves Shaped Flow Transactions (as defined in the proposed standard).</a>	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
Status: Underway		
ii. Develop business practices as needed to support <a href="#">R16004</a> : <i>“Update the NAESB 1.4.1 Nomination dataset to remove all non-necessary data elements and to evaluate the use of all Mutually Agreed and Business Conditional data elements for their continued relevance.”</i>	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
Status: Not Started		
iii. Develop business practices as needed to support <a href="#">R16007</a> : <i>“Update the NAESB Nomination dataset and related datasets to support the ability for a service requester to submit a single nomination with hourly quantities when such a service is supported by the TSP.”</i>	1 <sup>st</sup> Q, 2017 <sup>6</sup>	WGQ BPS
Status: Underway		

**4. Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)<sup>12</sup>**

<sup>10</sup> *Id.*

<sup>11</sup> GEH Forum Issue 17 “Levels of Confirmation” can be found in the GEH Survey Addendum: [https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)

<sup>12</sup> The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: [https://www.naesb.org/pdf4/ferc041615\\_electronic\\_filing\\_protocols\\_forms.pdf](https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf)

Appendix E: NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

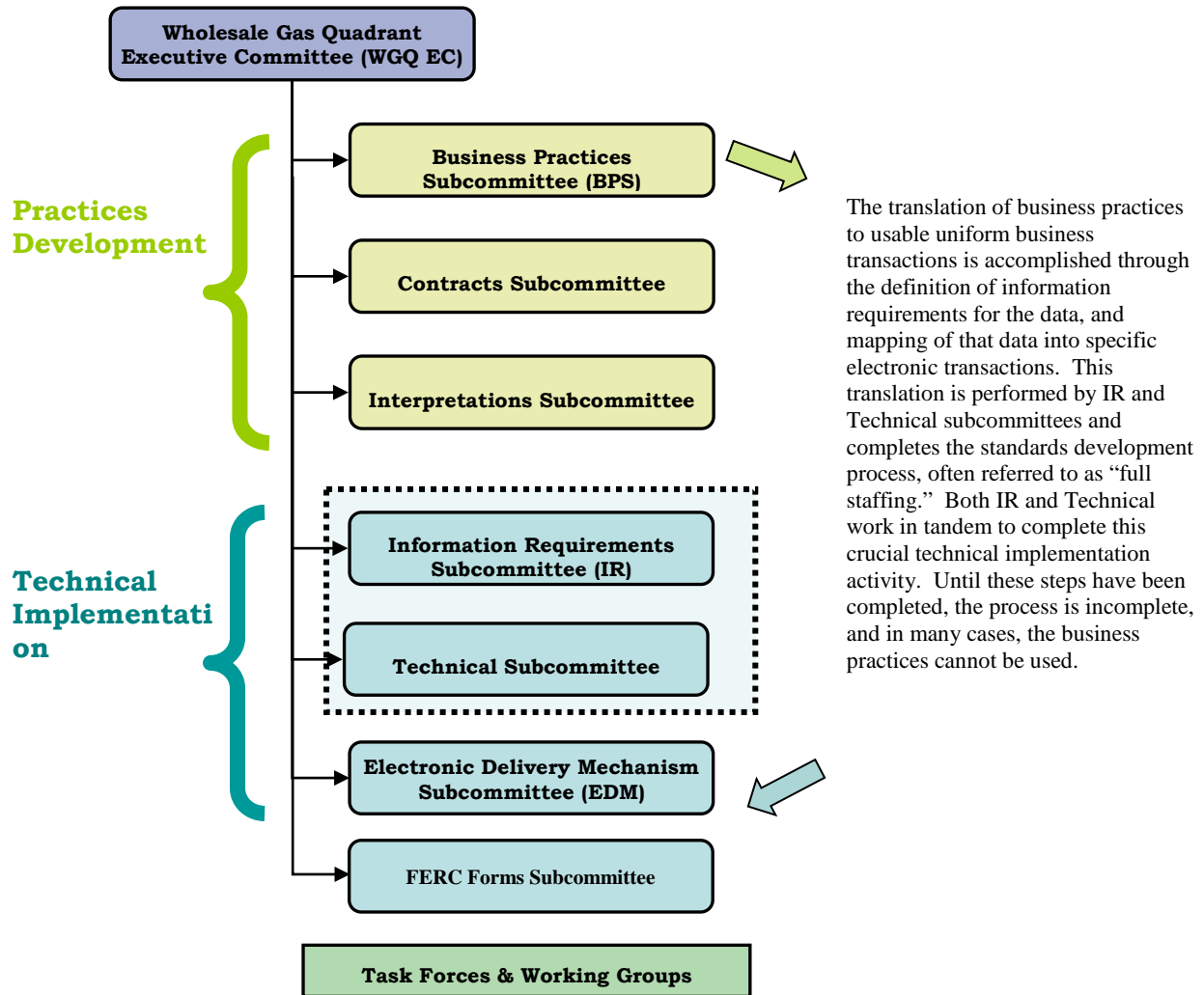
**NORTH AMERICAN ENERGY STANDARDS BOARD  
 2016 Annual Plan for the Wholesale Gas Quadrant  
 Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
a. Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms Status: Underway	2017	Joint WEQ/WGQ FERC Forms Subcommittee
<b>5. Liquefied Natural Gas Master Agreement</b>		
a. Consider and determine if a NAESB Liquefied Natural Gas (LNG) Master Agreement is needed Status: Complete	2016	WGQ Contracts
b. Develop the LNG Master Agreement according to the analysis completed in item 6.a. Status: Completed, No Action	TBD	WGQ Contracts
<b>Program of Standards Maintenance &amp; Fully Staffed Standards Work</b>		
Business Practice Requests	Ongoing	Assigned by the EC <sup>iv</sup>
Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	Assigned by the EC <sup>3</sup>
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC <sup>3</sup>
Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC <sup>4</sup>
Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC <sup>3</sup>
Maintenance of eTariff Standards	As Requested	Assigned by the EC <sup>4</sup>
<b>Provisional Activities</b>		
1. Develop and/or modify standards as need in support of the October 18, 2016 correspondence <sup>13</sup> from Chairman Bay not otherwise addressed by 2016 WGQ Annual Plan Items 3.b and 3.c.		

<sup>13</sup> The October 18, 2016 letter from Chairman Bay can be found at the following link:  
[https://naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf)



Appendix E: NAESB 2016 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016



**NAESB 2016 WGQ EC and Subcommittee Leadership:**

- Executive Committee: Jim Buccigross, Chair and Dale Davis, Vice-Chair
- Business Practices Subcommittee: Kim Van Pelt, Sylvia Munson, Willis McCluskey, Phil Precht, Ben Schoene
- Information Requirements Subcommittee: Dale Davis, Rachel Hogge
- Technical Subcommittee: Kim Van Pelt
- Contracts Subcommittee: Keith Sappenfield
- Electronic Delivery Mechanism Subcommittee: Leigh Spangler
- FERC Forms Subcommittee: Leigh Spangler, Dick Brooks

Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2017 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
<b>1. Develop business practices standards as needed to complement reliability standards</b>		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution Note: Consideration should be given to provisional item 2.a. Work is being coordinated with the IDC Association. Status: Full Staffing	TBD	BPS
b) Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation. <sup>1</sup> Status: Full Staffing	TBD	BPS
c) Revise TLR level 5 to be treated similarly to TLR Level 3 in terms of treating the next hour allocation separately from that of current hour. <a href="#">(R11020)</a> Status: Full Staffing	TBD	BPS
d) Assess impact to NAESB Business Practices with FERC approval of removing the PSE (Order RR15-4-000) and LSE (Order RR15-4-001) from the NERC Compliance Registry Status: Not Started	TBD	BPS/CISS
i) Modifications to WEQ-004 Coordinate Interchange Business Practice Standards for Dynamic Tags and Pseudo-Tie type e-Tags <a href="#">R16008</a> Status: Started	TBD	CISS/BPS
e) Assess Impact on NAESB Business Practice Standards and Specifications due to changes in tool ownership, NERC Committee Structure, and changes to the NERC Rules of Procedures. <a href="#">R16010</a> Status: Not Started	TBD	SRS
<b>2. Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)<sup>2</sup></b>		
a) Develop version 3 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Request R05004 was expanded to include the <a href="#">Order No. 890 (Docket Nos. RM05-17-000 and RM02-25-000)</a> , ( <a href="#">Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002)</a> ), and <a href="#">Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)</a> “Preventing Undue Discrimination and Preference in Transmission Services”		

<sup>1</sup> In some sections of WEQ-008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

<sup>2</sup> FERC Order No. 890, issued February 16, 2007, can be accessed from the following link:  
[http://www.naesb.org/doc\\_view4.asp?doc=ferc021607.doc](http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc).

Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2017 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
i) Preemption; Request No. <a href="#">R05019</a> (Part of Preemption and Competition)		
4) Short-Term Firm Preemption and Competition (OATT Section 13.2 and 14.2)		
Status: Started	2 <sup>nd</sup> Q, 2017	OASIS
ii) Miscellaneous (Paragraph 1627 <sup>3</sup> of FERC Order No. 890)		
3) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments	TBD	OASIS/BPS
Status: Started		
4) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.	2017	OASIS/BPS
Status: Started		
<b>3. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>		
a) Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS ( <a href="#">R05026</a> ). Scoping <a href="#">statement</a> completed by SRS. There were a number of assignments from the Standards Request. The outstanding item is Enhance the TSR result postings to allow showing of available generation dispatch options that would allow acceptance of reservation request. Status: Started	3 <sup>rd</sup> Q, 2017	OASIS/BPS
b) Enhance the TSR Results posting to allow a showing of limiting transmission elements for denied transmission service requests. This shall include information for denied Coordinated Requests. <a href="#">R05026</a> scoping <a href="#">statement</a> completed by SRS and <a href="#">R12006</a> . Status: Started	2017	OASIS/BPS
c) Requirements for OASIS to use data in the Electric Industry Registry ( <a href="#">R12001</a> ) Status: Not Started	TBD	OASIS
<b>4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.</b>		
a) Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. <sup>4</sup> Status: Not Started	3 <sup>rd</sup> Q, 2017	Cybersecurity Subcommittee

<sup>3</sup> Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

<sup>4</sup> The "NAESB Accreditation Requirements for Authorized Certification Authorities" can be found at: [http://www.naesb.org/member\\_login\\_check.asp?doc=certification\\_specifications.docx](http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx).

Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
 2017 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
 Adopted by the Board of Directors on December 8, 2016**

	<b>Item Description</b>	<b>Completion<sup>i</sup></b>	<b>Assignment<sup>ii</sup></b>
b)	Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards <sup>5</sup> and any other activities of NERC and the FERC related to cybersecurity. Status: Not Started	3 <sup>rd</sup> Q, 2017	Cybersecurity Subcommittee
<b>5</b>	<b>Maintain existing body of Version 3.x standards</b>		
a)	Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> ) Status: Started	2 <sup>nd</sup> Q, 2017	OASIS
<b>6.</b>	<b>Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)<sup>6</sup></b>		
a)	Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms Status: Started	2017	Joint WEQ/WGQ FERC Forms Subcommittee
<b>7.</b>	<b>Gas-Electric Coordination</b>		
a)	Resulting from the efforts of annual plan item 7(a), develop standards as needed and directed by the Board of Directors, which are specifically assigned to the WEQ		
i.	GEH Forum Issue 22 <sup>7</sup> : <i>“It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion”</i>		
1.	Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2.	Develop WEQ standards according to the recommendation of item 7b(i)1. Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
ii.	GEH Forum Issue 25 <sup>8</sup> : <i>Communication protocols with LDCs, gas generator operators and natural gas marketing companies</i>		
1.	Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2.	Develop WEQ standards according to the recommendation of item 7b(ii)1. Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
iii.	GEH Forum Issue 26 <sup>9</sup> : <i>“Improve efficiency of critical information</i>		

<sup>5</sup> <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>

<sup>6</sup> The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: [https://www.naesb.org/pdf4/ferc041615\\_electronic\\_filing\\_protocols\\_forms.pdf](https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf)

<sup>7</sup> The GEH Forum Issues may be found in the GEH Survey Addendum:

[https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)

<sup>8</sup> *Id.*

Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2017 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
<i>sharing (related to issues 22 and 25)</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(iii)1. Status: Not Started. Start date is dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
iv. GEH Forum Issue 33 <sup>10</sup> : <i>“Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization”</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(iv)1. Status: Not Started. Start date dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
v. GEH Forum Issue 36 <sup>11</sup> : <i>“Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the “Art of Scheduling,” pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17<sup>12</sup> in the first presentation.”</i>		
1. Consider and determine if WEQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started. Start date dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees
2. Develop WEQ standards according to the recommendation of item 7b(v)1. Status: Not Started. Start date dependent upon actions taken by WGQ	2 <sup>nd</sup> Q, 2017	WEQ EC and related subcommittees

<sup>9</sup> *Id.*

<sup>10</sup> *Id.*

<sup>11</sup> *Id.*

<sup>12</sup> GEH Forum Issue 17 “Levels of Confirmation” can be found in the GEH Survey Addendum: [https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)

Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2017 ANNUAL PLAN for the WHOLESale ELECTRIC QUADRANT  
Proposed Edits and Comments for 2017 Annual Plan (Provisional Items)**

---

**PROVISIONAL ITEMS**

---

1. **Optional Work to Extend Existing Standards**
    - a) Prepare recommendations for future path for TLR<sup>13</sup> (Phase 2) in concert with NERC, which may include alternative congestion management procedures<sup>14</sup>. Work on this activity is dependent on completing 2017 WEQ Annual Plan 1.a (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection - Phase 1).
    - b) Re-examine the need for business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers, GLN, and LEI.
  2. **Pending Regulatory or Legislative Action**
    - a) Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.
    - b) Develop business practice standards for cap and trade programs for greenhouse gas.
    - c) Should the FERC determine to act in response to NAESB’s report of the Version 003.1 Business Practice Standards, and should the FERC recommend specific action, develop and/or revise Business Practice Standards as needed.
    - d) Revise WEQ-023 based on FERC Orders associated to Docket Nos. RM14-7-000 and AD15-5-000
    - e) Develop and/or modify standards as need in support of the October 18, 2016 correspondence<sup>15</sup> from Chairman Bay not otherwise addressed by 2017 WEQ Annual Plan Items 7.a.
- 

---

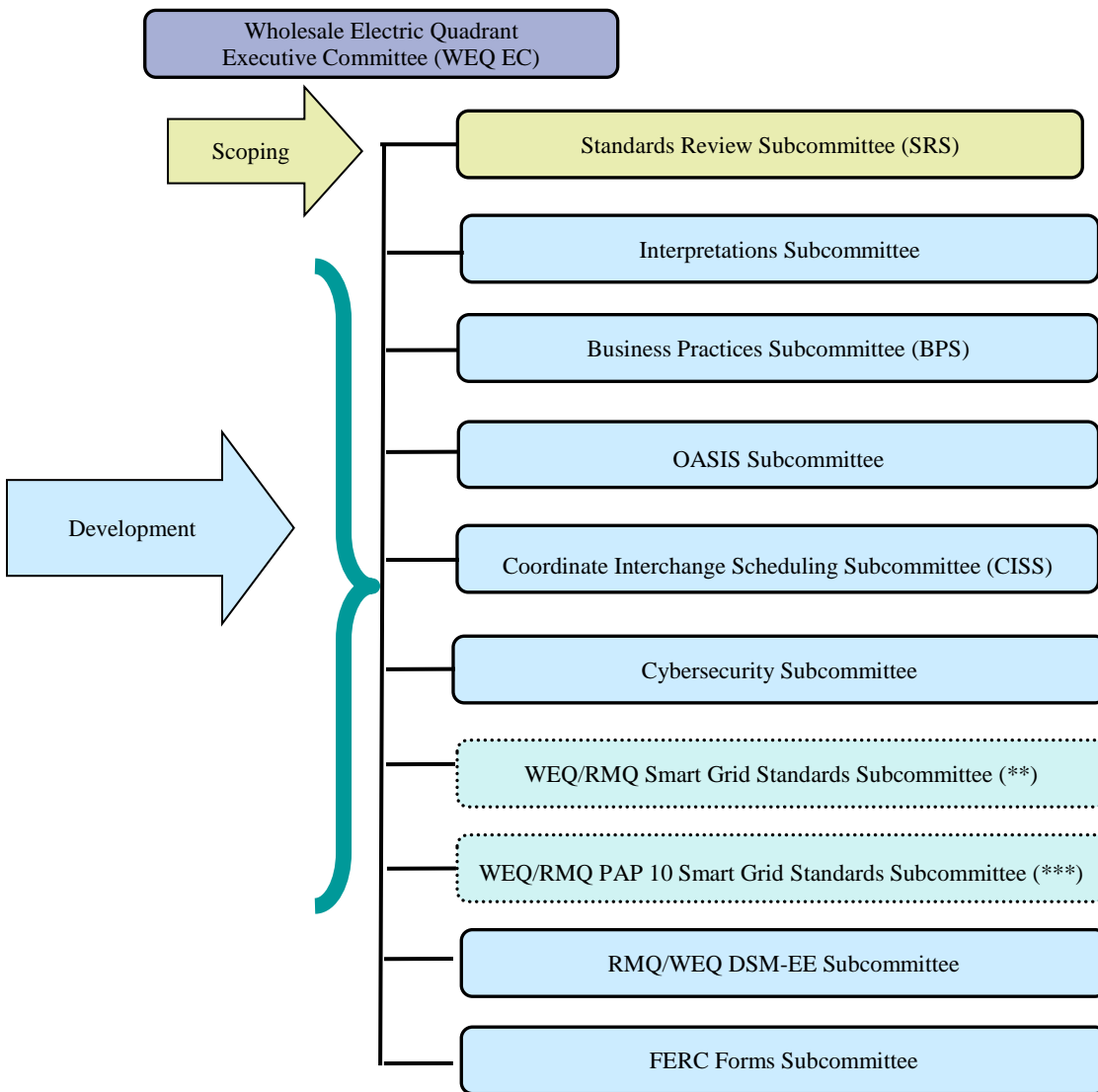
<sup>13</sup> Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1.

<sup>14</sup> For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item:  
[http://www.naesb.org/pdf3/weq\\_apan102907w1.pdf](http://www.naesb.org/pdf3/weq_apan102907w1.pdf).

<sup>15</sup> The October 18, 2016 letter from Chairman Bay can be found at the following link:  
[https://naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf)

Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE**



Appendix F: NAESB 2017 WEQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NAESB WEQ EC and Active Subcommittee Leadership:**

Executive Committee (EC): Kathy York (Chair) and Roy True (Vice Chair)

Standards Review Subcommittee (SRS): Rebecca Berdahl, Ron Robinson

Interpretations Subcommittee: Ed Skiba

Business Practices Subcommittee (BPS): Jason Davis, Ross Kovacs, Narinder Saini

Open Access Same Time Information System (OASIS) Subcommittee: J.T. Wood, Alan Pritchard, Ken Quimby

Coordinate Interchange Scheduling Subcommittee (CISS): Joshua Phillips, Zack Buus

Cybersecurity Subcommittee: Jim Buccigross

Demand Side Management-Energy Efficiency (DSM-EE) RMQ/WEQ Subcommittee: Roy True (WEQ), Paul Wattles (WEQ), and Eric Winkler (RMQ)

FERC Forms Subcommittee (WEQ/WGQ): Leigh Spangler (WGQ), Dick Brooks (WEQ)

**Inactive Subcommittees:**

e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Keith Sappenfield (WGQ)

- (\*\*) The Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS (Organization for the Advancement of Structured Information Standards, not Open Access Same Time Information Systems related to NAESB standards and FERC actions), CalConnect, FIX and UCAlug, among others. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Planning Group and the WEQ and RMQ ECs.
- (\*\*\*) The PAP 10 Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, UCAlug, OpenADE, ZigBee, ASHRAE, EIS Alliance, NARUC and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Planning Group and the WEQ and RMQ ECs.



Appendix G: NAESB 2017 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2017 Annual Plan for the Wholesale Gas Quadrant  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
<b>1. Update Standards Matrix Tool for Ease of Use<sup>iii</sup></b>		
a. Update the reference tool developed for Version 3.0 to reflect modifications applicable to Version 3.1 Status: Not Started	2017	WGQ IR/Technical Subcommittee
<b>2. Electronic Delivery Mechanisms</b>		
a. Review minimum technical characteristics in Appendices B, C, and D of the WGQ QEDM Manual, and make changes as appropriate. Status: Not Started	2017	WGQ EDM Subcommittee
<b>3. Gas-Electric Coordination<sup>iv v vi vii</sup></b>		
a. Develop standards as needed and directed by the Board of Directors, which are specifically assigned to the WGQ.		
i. GEH Forum Issue 22 <sup>1</sup> : <i>“It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion”</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of Item 3.a.i.1 Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
ii. GEH Forum Issue 25 <sup>3</sup> : <i>Communication protocols with LDCs, gas generator operators and natural gas marketing companies</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of Item 3.a.ii.1 Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
iii. GEH Forum Issue 26 <sup>4</sup> : <i>“Improve efficiency of critical information sharing (related to issues 22 and 25)</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of Item 3.a.iii.1 Status: Not Started	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS

<sup>1</sup> The GEH Forum Issues may be found in the GEH Survey Addendum: [https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)  
<sup>2</sup> The October 18, 2016 letter from Chairman Bay can be found at the following link: [https://naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf)  
<sup>3</sup> *Id.*  
<sup>4</sup> *Id.*

Appendix G: NAESB 2017 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

**NORTH AMERICAN ENERGY STANDARDS BOARD  
 2017 Annual Plan for the Wholesale Gas Quadrant  
 Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
iv. GEH Forum Issue 33 <sup>5</sup> : <i>“Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization”</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of Item 3.a.iv.1 Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
v. GEH Forum Issue 36 <sup>6</sup> : <i>“Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the “Art of Scheduling,” pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17<sup>7</sup> in the first presentation.”</i>		
1. Consider and determine if WGQ standards are needed, and develop a recommendation and report to the Board of Directors Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
2. Develop WGQ standards according to the recommendation of Item 3.a.v.1 Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
b. Address standards development requests related to gas-electric harmonization		
i. Develop business practices as needed to support <a href="#">R16003</a> and <a href="#">attachment: Special Efforts Scheduling Services for Natural Gas Pipeline Transportation - The proposed standard addresses certain business practices relating to Best Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles, b) permits flow changes outside of standard schedule flow periods; and/or c) involves Shaped Flow Transactions (as defined in the proposed standard).</a> Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS
ii. Develop business practices as needed to support <a href="#">R16007</a> : <i>“Update the NAESB Nomination dataset and related datasets to support the ability for a service requester to submit a single nomination with hourly quantities when such a service is supported by the TSP.”</i> Status: Underway	1 <sup>st</sup> Q, 2017 <sup>2</sup>	WGQ BPS

<sup>5</sup> *Id.*

<sup>6</sup> *Id.*

<sup>7</sup> GEH Forum Issue 17 “Levels of Confirmation” can be found in the GEH Survey Addendum: [https://www.naesb.org/pdf4/geh\\_report\\_addendum\\_041816\\_clean051316.docx](https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx)

Appendix G: NAESB 2017 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016

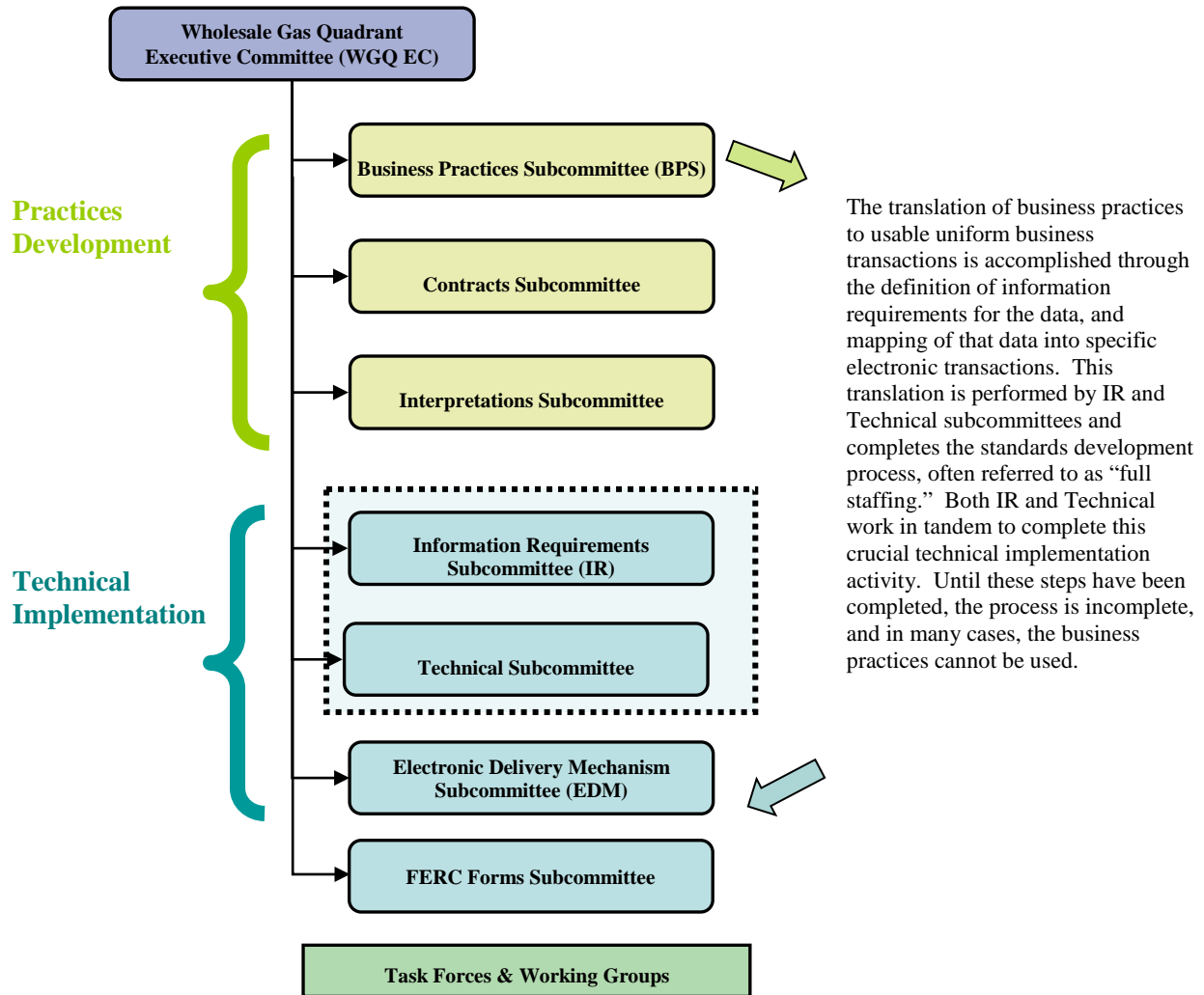
**NORTH AMERICAN ENERGY STANDARDS BOARD  
2017 Annual Plan for the Wholesale Gas Quadrant  
Adopted by the Board of Directors on December 8, 2016**

Item Description	Completion <sup>i</sup>	Assignment <sup>ii</sup>
<b>4. Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)<sup>8</sup></b>		
a. Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms Status: Underway	2017	Joint WEQ/WGQ FERC Forms Subcommittee
<b>5. Mexican Addendum or Base Contract</b>		
a. Consider and determine if a need for a Mexican Addendum or Base Contract Status: Not Started	2017	WGQ Contracts Subcommittee
b. Develop the Mexican Addendum or Base Contract according to the analysis completed in Item 5.a Status: Not Started, dependent on completion of Item 5.a	TBD	WGQ Contracts Subcommittee
<b>6. Develop business practices as needed to support R16004</b>		
a. Update the NAESB 1.4.1 Nomination dataset to remove all non-necessary data elements and to evaluate the use of all Mutually Agreed and Business Conditional data elements for their continued relevance Status: Not Started	4 <sup>th</sup> Q, 2017	WGQ BPS
<b>Program of Standards Maintenance &amp; Fully Staffed Standards Work</b>		
Business Practice Requests	Ongoing	Assigned by the EC <sup>viii</sup>
Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	Assigned by the EC <sup>3</sup>
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC <sup>3</sup>
Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC <sup>8</sup>
Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC <sup>3</sup>
Maintenance of eTariff Standards	As Requested	Assigned by the EC <sup>8</sup>
<b>Provisional Activities</b>		
1. Develop and/or modify standards as need in support of the October 18, 2016 correspondence <sup>9</sup> from Chairman Bay not otherwise addressed by 2017 WGQ Annual Plan Items 3.a and 3.b.		

<sup>8</sup> The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: [https://www.naesb.org/pdf4/ferc041615\\_electronic\\_filing\\_protocols\\_forms.pdf](https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf)

<sup>9</sup> The October 18, 2016 letter from Chairman Bay can be found at the following link: [https://naesb.org/pdf4/101816\\_ferc\\_chairman\\_bay\\_letter\\_re\\_order809\\_naesb.pdf](https://naesb.org/pdf4/101816_ferc_chairman_bay_letter_re_order809_naesb.pdf)

Appendix G: NAESB 2017 WGQ Annual Plan Adopted by the Board of Directors on December 8, 2016



**NAESB 2017 WGQ EC and Subcommittee Leadership:**

- Executive Committee: Jim Buccigross, Chair and Dale Davis, Vice-Chair
- Business Practices Subcommittee: Kim Van Pelt, Sylvia Munson, Willis McCluskey, Phil Precht, Ben Schoene
- Information Requirements Subcommittee: Rachel Hogge
- Technical Subcommittee: Kim Van Pelt
- Contracts Subcommittee: Keith Sappenfield
- Electronic Delivery Mechanism Subcommittee: Leigh Spangler
- WGQ/WEQ FERC Forms Subcommittee: Leigh Spangler, Dick Brooks

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record		
Date	Description	Links to Recommendations, Comments and WGQ EC Voting Records
October 31, 2016	Request R15008 - Request to modify the usage of data element Service Requester Contract for the Pathed Non-Threaded Model (Un-threaded Segment) in the NAESB WGQ Standard Nos. 1.4.1 Nomination and 1.4.5 Scheduled Quantity data sets so that it is based upon the business condition of the TSP receiving the nomination. Corresponding modifications to other data sets, including the addition of any necessary validation codes, as needed. Additionally, modify the nomination key in NAESB WGQ Standard No. 1.3.27, as appropriate, to reflect the change in the usage of Service Requester Contract.	Recommendation: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_r15008_rec_103116.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_r15008_rec_103116.docx</a>
November 29, 2016	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_103116reqcom.doc">https://www.naesb.org/pdf4/wgq_103116reqcom.doc</a> Comments Submitted by L. MacDonald, Centra Gas Manitoba Inc.: <a href="https://www.naesb.org/pdf4/wgq_103116_centra_gas_manitoba_inc.docx">https://www.naesb.org/pdf4/wgq_103116_centra_gas_manitoba_inc.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a>

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record		
Date	Description	Links to Recommendations, Comments and WGQ EC Voting Records
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(c)(iii)/2017 WGQ Annual Plan Item 3(b)(ii) – Develop business practices as needed to support R16007: Update the NAESB Nomination dataset and related datasets to support the ability for a service requester to submit a single nomination with hourly quantities when such a service is supported by the TSP, and 2016 WGQ Annual Plan Item 3(c)(i)/2017 WGQ Annual Plan Item 3(b)(i) – (R16003b) (Part 2) – Develop business practices as needed to support R16003 and attachment: Special Efforts Scheduling Services for Natural Gas Pipeline Transportation - The proposed standard addresses certain business practices relating to Best Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles, b) permits flow changes outside of standard schedule flow periods; and/or c) involves Shaped Flow Transactions (as defined in the proposed standard).	Part 2 - Recommendation: <a href="https://www.naesb.org/pdf4/wgq_2017_api_3abii_r16007-wgq_2017_api_3bi_r16003_part2_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3abii_r16007-wgq_2017_api_3bi_r16003_part2_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC's: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Part 2 - Recommendation - Comments Submitted by J. Peress, Environmental Defense Fund: <a href="https://www.naesb.org/pdf4/wgq_012017_edf.pdf">https://www.naesb.org/pdf4/wgq_012017_edf.pdf</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a>

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record		
Date	Description	Links to Recommendations, Comments and WGQ EC Voting Records
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(b)(v)/ 2017 WGQ Annual Plan Item 3(a)(v)( Part 1) – GEH Forum Issue 36: “Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the "Art of Scheduling," pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17 in the first presentation.”	Part 1 - Recommendation: <a href="https://www.naesb.org/pdf4/wgq_2017_api_3av_part1_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3av_part1_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC’s: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a>
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(b)(v)/ 2017 WGQ Annual Plan Item 3(a)(v)( Part 2) – GEH Forum Issue 36: “Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the "Art of Scheduling," pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17 in the first presentation.”	Part 2 - Recommendation: <a href="https://www.naesb.org/pdf4/wgq_2017_api_3av_part2_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3av_part2_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC’s: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by C. Gold, Natural Gas Supply Association: <a href="https://www.naesb.org/pdf4/wgq_012017_ngsa.pdf">https://www.naesb.org/pdf4/wgq_012017_ngsa.pdf</a> Comments Submitted by Y.J. Bourgeois, Anadarko Energy Services Company: <a href="https://www.naesb.org/pdf4/wgq_012017_anadarko.pdf">https://www.naesb.org/pdf4/wgq_012017_anadarko.pdf</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a>

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record

Appendix H: Recommendations, Comments, and WGQ Executive Committee Voting Record		
Date	Description	Links to Recommendations, Comments and WGQ EC Voting Records
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(b)(v)/ 2017 WGQ Annual Plan Item 3(a)(v)( Part 3) – GEH Forum Issue 36: “Level of confirmations: there is a wide range of data elements that are exchanged, from a minimum amount to a very large set of data. In the "Art of Scheduling," pipelines confirm at different levels, with potential for disparities. Greater standardization could produce confirming efficiencies. (For example, confirm at the shipper-to-shipper level. Or, if there are confirmations at a lower level of detail, it would be driven by model type.) See issue 17 in the first presentation.”	Part 3 – Recommendation: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_2017_api_3av_part3_rec.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_2017_api_3av_part3_rec.docx</a> Part 3 – Recommendation as revised by the WGQ EC 2/23/2017: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022317a1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022317a1.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012417reqcom.doc">https://www.naesb.org/pdf4/wgq_012417reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC’s: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a>



Appendix I: No Action Recommendations, Comments, and WGQ Executive Committee Voting Record

Appendix I: No Action Recommendations, Comments, and WGQ Executive Committee Voting Record		
Date	Description	Links to Recommendations, Comments and WGQ EC Voting Records
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(b)(i)/ 2017 WGQ Annual Plan Item 3(a)(i) – GEH Forum Issue 22: It would be desirable to have a set of terminology agreed upon by participants to characterize shapes, profiles, ratable, non-ratable, and so forth to facilitate discussion.	Recommendation (No Action): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3ai_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3ai_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC's: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a> Recommendation (No action to be taken): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3ai_rec_022317.docx">https://www.naesb.org/pdf4/wgq_2017_api_3ai_rec_022317.docx</a>
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(b)(ii-iii)/ 2017 WGQ Annual Plan Item 3(a)(ii-iii) – GEH Forum Issue 25: Communication protocols with LDCs, gas generator operators and natural gas marketing companies, and GEH Forum Issue 26: Improve efficiency of critical information sharing (related to issues 22 and 25).	Recommendation (No Action): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3aii-iii_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3aii-iii_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC's: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a> Recommendation (No action to be taken): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3aii-iii_rec_022317.docx">https://www.naesb.org/pdf4/wgq_2017_api_3aii-iii_rec_022317.docx</a>

Appendix I: No Action Recommendations, Comments, and WGQ Executive Committee Voting Record

Appendix I: No Action Recommendations, Comments, and WGQ Executive Committee Voting Record		
Date	Description	Links to Recommendations, Comments and WGQ EC Voting Records
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(b)(iv)/ 2017 WGQ Annual Plan Item 3(a)(iv) – GEH Forum Issue 33: Use of multiple confirmation methods in addition to traditional confirmations for intraday nominations. There is currently a good definition of Confirmation by Exception (CBE) in NAESB standards. CBE however, may not be available everywhere but there may also be additional confirmation methods that could benefit from standardization.	Recommendation (No Action): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3aiv_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3aiv_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC's: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a> Recommendation (No action to be taken): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3aiv_rec_022317.docx">https://www.naesb.org/pdf4/wgq_2017_api_3aiv_rec_022317.docx</a>
January 20, 2017	Recommendation to support 2016 WGQ Annual Plan Item 3(c)(i)/ 2017 WGQ Annual Plan Item 3(b)(i) (R16003a, c, and d) (Part 1) – Develop business practices as needed to support R16003 and attachment: Special Efforts Scheduling Services for Natural Gas Pipeline Transportation - The proposed standard addresses certain business practices relating to Best Efforts scheduling for natural gas pipeline transportation that is: a) scheduled outside of the standard grid-wide nomination cycles, b) permits flow changes outside of standard schedule flow periods; and/or c) involves Shaped Flow Transactions (as defined in the proposed standard).	Part 1 – Recommendation (No Action): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3bi_r16003_part1_rec.docx">https://www.naesb.org/pdf4/wgq_2017_api_3bi_r16003_part1_rec.docx</a>
February 20, 2017	Comments Received from Industry Comment Period	Request for Comments: <a href="https://www.naesb.org/pdf4/wgq_012017reqcom.doc">https://www.naesb.org/pdf4/wgq_012017reqcom.doc</a> Comments Submitted by C. Nicolay, Macquarie Energy LLC's: <a href="https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx">https://www.naesb.org/pdf4/wgq_012017_macquarie_energy_llcs.docx</a> Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a>
February 23, 2017	WGQ EC Meeting Minutes and Voting Record	WGQ EC Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a> Recommendation (No action to be taken): <a href="https://www.naesb.org/pdf4/wgq_2017_api_3bi_r16003_part1_rec_022317.docx">https://www.naesb.org/pdf4/wgq_2017_api_3bi_r16003_part1_rec_022317.docx</a>

Appendix J: WGQ Executive Committee Meeting Minutes and Work Papers

Appendix J: WGQ Executive Committee Meeting Minutes and Work Papers		
Date	Link to Meeting Minutes	Work Papers
February 25, 2016	<p>NAESB WGQ Executive Committee Meeting, Phoenix, AZ (Held at the Salt River Project)</p> <p>Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022516fm.docx">https://www.naesb.org/pdf4/wgq_ec022516fm.docx</a></p> <p>Attachments:                      WGQ Meeting Motions:  <a href="https://www.naesb.org/pdf4/wgq_ec022516motions.doc">https://www.naesb.org/pdf4/wgq_ec022516motions.doc</a></p> <p>Minor Correction MC16001 as revised and approved by the WGQ EC (Redline):  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516a1.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516a1.doc</a></p> <p>Minor Correction MC15029 as revised and approved by the WGQ EC (Redline):  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516a2.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516a2.docx</a></p> <p>Recommendation to Support Request R15006 as revised and approved by the WGQ EC (Redline):  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516a3.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516a3.doc</a></p> <p>WGQ EC Notational Ballot on Recommendation to Support R15007 Due March 4, 2016:  <a href="https://www.naesb.org/pdf4/wgq_ec022516_r15007_rec_ballot.docx">https://www.naesb.org/pdf4/wgq_ec022516_r15007_rec_ballot.docx</a></p> <p>WGQ 2016 Annual Plan as approved by the WGQ EC (Redline):  <a href="https://www.naesb.org/pdf4/wgq_ec022516a4.docx">https://www.naesb.org/pdf4/wgq_ec022516a4.docx</a></p>	<p>WGQ EC Meeting Materials Assembled:  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ecbk022516.pdf">https://www.naesb.org/member_login_check.asp?doc=wgq_ecbk022516.pdf</a></p> <p>WGQ EC Agenda Cross Reference:  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516crossref.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516crossref.docx</a></p> <p>Supplemental Material:                      Recommendation for WGQ MC16001: <a href="https://www.naesb.org/pdf4/wgq_ec022516w1.doc">https://www.naesb.org/pdf4/wgq_ec022516w1.doc</a></p> <p>Recommendation for WGQ MC16002/MC16004:  <a href="https://www.naesb.org/pdf4/wgq_ec022516w2.doc">https://www.naesb.org/pdf4/wgq_ec022516w2.doc</a></p> <p>Recommendation for WGQ MC16003:  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516w3.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516w3.doc</a></p> <p>Recommendation for WGQ MC16005:  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516w4.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516w4.doc</a></p> <p>Recommendation for WGQ MC16006:  <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516w5.doc">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022516w5.doc</a></p>
May 16, 2016	<p>Triage Subcommittee Conference Call                      Agenda: <a href="https://www.naesb.org/pdf4/tr051616a.docx">https://www.naesb.org/pdf4/tr051616a.docx</a></p> <p>Meeting Notes: <a href="https://www.naesb.org/pdf4/tr051616notes.docx">https://www.naesb.org/pdf4/tr051616notes.docx</a></p> <p>Notational Ballot, Due May 30, 2016:  <a href="https://www.naesb.org/pdf4/tr051616_ballot.docx">https://www.naesb.org/pdf4/tr051616_ballot.docx</a></p> <p>Triage Disposition:  <a href="https://www.naesb.org/pdf4/tr051616disposition.docx">https://www.naesb.org/pdf4/tr051616disposition.docx</a></p>	<p>Comments Submitted by B. Schoene, ConocoPhillips:  <a href="https://www.naesb.org/pdf4/tr051616w1.docx">https://www.naesb.org/pdf4/tr051616w1.docx</a></p> <p>Comments Submitted by the WGQ Executive Committee Pipeline Segment:  <a href="https://www.naesb.org/pdf4/tr051616a1.docx">https://www.naesb.org/pdf4/tr051616a1.docx</a></p>

Appendix J: WGQ Executive Committee Meeting Minutes and Work Papers

Appendix J: WGQ Executive Committee Meeting Minutes and Work Papers		
Date	Link to Meeting Minutes	Work Papers
July 15, 2016	WGQ EC Notational Ballot – due July 29, 2016: <a href="https://www.naesb.org/pdf4/wgq_ec071516_ballot.docx">https://www.naesb.org/pdf4/wgq_ec071516_ballot.docx</a> Attachment: WGQ 2016 Annual Plan as approved by the WGQ EC (Redline): <a href="https://www.naesb.org/pdf4/wgq_ec071516a1.docx">https://www.naesb.org/pdf4/wgq_ec071516a1.docx</a> Results: <a href="https://www.naesb.org/pdf4/wgq_ec071516_results.docx">https://www.naesb.org/pdf4/wgq_ec071516_results.docx</a>	
October 27, 2016	NAESB WGQ Executive Committee Meeting, Richmond, VA (Held at Dominion) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec102716fm.docx">https://www.naesb.org/pdf4/wgq_ec102716fm.docx</a> Attachments: WGQ 2016 Annual Plan as approved by the WGQ EC (Redline): <a href="https://www.naesb.org/pdf4/wgq_ec102716a1.docx">https://www.naesb.org/pdf4/wgq_ec102716a1.docx</a> WGQ 2017 Annual Plan as approved by the WGQ EC: <a href="https://www.naesb.org/pdf4/wgq_ec102716a2.docx">https://www.naesb.org/pdf4/wgq_ec102716a2.docx</a>	WGQ EC Meeting Materials Assembled: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ecbk102716.pdf">https://www.naesb.org/member_login_check.asp?doc=wgq_ecbk102716.pdf</a> WGQ EC Agenda Cross Reference: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_102716crossref.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_102716crossref.docx</a> Supplemental Material: Suggested Redlines to the WGQ EC 2/25/16 Draft Minutes Submitted by D. Davis, Williams: <a href="https://www.naesb.org/pdf4/wgq_ec102716w1.docx">https://www.naesb.org/pdf4/wgq_ec102716w1.docx</a> Proposed 2017 WGQ Annual Plan: <a href="https://www.naesb.org/pdf4/wgq_ec102716w2.docx">https://www.naesb.org/pdf4/wgq_ec102716w2.docx</a> Revised 2016 WGQ Annual Plan – Redline: <a href="https://www.naesb.org/pdf4/wgq_ec102716w3.docx">https://www.naesb.org/pdf4/wgq_ec102716w3.docx</a> Correspondence to Rae McQuade from Chairman Bay regarding Gas-Electric Coordination Standards Development, October 18, 2016: <a href="https://www.naesb.org/pdf4/wgq_ec102716w4.pdf">https://www.naesb.org/pdf4/wgq_ec102716w4.pdf</a> NAESB Schedule of 2017 Meetings: <a href="https://www.naesb.org/pdf4/wgq_ec102716w5.pdf">https://www.naesb.org/pdf4/wgq_ec102716w5.pdf</a>
February 23, 2017	NAESB WGQ Executive Committee Meeting, Phoenix, AZ (Held at the Salt River Project) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a> Attachments: WGQ 2017 Annual Plan as approved by the WGQ EC (Redline): <a href="https://www.naesb.org/pdf4/wgq_ec022317a2.docx">https://www.naesb.org/pdf4/wgq_ec022317a2.docx</a> 2016 WGQ AP Item 3.b.v-2017 WGQ AP Item 3.a.v (GEH Forum Issue 36) - Recommendation Part 3 - As Revised by the WGQ EC 2/23/17: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ec022317a1.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_ec022317a1.docx</a>	WGQ EC Meeting Materials Assembled: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_ecbk022317.pdf">https://www.naesb.org/member_login_check.asp?doc=wgq_ecbk022317.pdf</a> WGQ EC Agenda Cross Reference: <a href="https://www.naesb.org/member_login_check.asp?doc=wgq_022317crossref.docx">https://www.naesb.org/member_login_check.asp?doc=wgq_022317crossref.docx</a> Supplemental Material: Agenda Item 11- Comments Submitted by J. Peress, Environmental Defense Fund: <a href="https://www.naesb.org/pdf4/wgq_012017_edf.pdf">https://www.naesb.org/pdf4/wgq_012017_edf.pdf</a> Agenda Items 7-14 - Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/wgq_012017_aga.pdf">https://www.naesb.org/pdf4/wgq_012017_aga.pdf</a> Agenda Item 15 - Comments Submitted by J. Buccigross, Group 8760: <a href="https://www.naesb.org/pdf4/wgq_012417_group8760.doc">https://www.naesb.org/pdf4/wgq_012417_group8760.doc</a> Agenda Item 15 - Late Comments Submitted by M.de la Peza Gandara, CRE: <a href="https://www.naesb.org/pdf4/wgq_012417_cre_late.docx">https://www.naesb.org/pdf4/wgq_012417_cre_late.docx</a>

Appendix K: NAESB Board of Directors Minutes and Work Papers

Appendix K: NAESB Board of Directors Meeting Minutes and Work Papers		
Date	Link to Meeting Minutes	Work Papers
April 7, 2016	<p>NAESB Board of Directors Meeting w/Web Conferencing – Houston, TX (Held at the Four Seasons Hotel Downtown)                      Agenda: <a href="https://www.naesb.org/pdf4/bd040716a.docx">https://www.naesb.org/pdf4/bd040716a.docx</a>                      Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd040716fm.docx">https://www.naesb.org/pdf4/bd040716fm.docx</a>                      Attachments:                      2016 WEQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd040716a1.docx">https://www.naesb.org/pdf4/bd040716a1.docx</a>                      2016 Retail Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd040716a2.docx">https://www.naesb.org/pdf4/bd040716a2.docx</a>                      2016 WGQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd040716a3.docx">https://www.naesb.org/pdf4/bd040716a3.docx</a></p>	<p>Board of Directors Meeting Materials Assembled: <a href="https://www.naesb.org/pdf4/bdbk040716.pdf">https://www.naesb.org/pdf4/bdbk040716.pdf</a>                      Board Agenda Cross Reference: <a href="https://www.naesb.org/pdf4/bd040716cross_ref.docx">https://www.naesb.org/pdf4/bd040716cross_ref.docx</a>                      GEH Forum Report Presented to the Board April 7, 2016: <a href="https://www.naesb.org/pdf4/geh_report_040516.docx">https://www.naesb.org/pdf4/geh_report_040516.docx</a>                      Comments Submitted by the American Gas Association and the American Public Gas Association, April 5, 2016: <a href="https://www.naesb.org/pdf4/geh032416_aga_apga_comments.pdf">https://www.naesb.org/pdf4/geh032416_aga_apga_comments.pdf</a>                      GEH Forum Survey Results March 31, 2016 Preliminary Draft: <a href="https://www.naesb.org/pdf4/geh033116preliminarydraft_survey_results.docx">https://www.naesb.org/pdf4/geh033116preliminarydraft_survey_results.docx</a>                      Comments Submitted by the Natural Gas Supply Association, April 6, 2016: <a href="https://www.naesb.org/pdf4/geh032416_ngsa_comments.pdf">https://www.naesb.org/pdf4/geh032416_ngsa_comments.pdf</a></p>
May 31, 2016	<p>NAESB Board of Directors Conference Call w/Web Conferencing                      Agenda: <a href="https://www.naesb.org/pdf4/bd053116a.docx">https://www.naesb.org/pdf4/bd053116a.docx</a>                      Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd053116fm.docx">https://www.naesb.org/pdf4/bd053116fm.docx</a>                      Attachments:                      Board of Directors Notational Ballot - Due June 21, 2016: <a href="https://www.naesb.org/pdf4/bd060216ballot.docx">https://www.naesb.org/pdf4/bd060216ballot.docx</a>                      Comments Submitted by W. Moore, Southern Company Services: <a href="https://www.naesb.org/pdf4/bd060216comments_moore.docx">https://www.naesb.org/pdf4/bd060216comments_moore.docx</a>                      Board of Directors Notational Ballot - Due June 24, 2016: <a href="https://www.naesb.org/pdf4/bd060316ballot.docx">https://www.naesb.org/pdf4/bd060316ballot.docx</a>                      Comments Submitted by D. Petersen, PG&amp;E and Mike Novak, National Fuel Gas Distribution: <a href="https://www.naesb.org/pdf4/bd060216comments_petersen_novak.docx">https://www.naesb.org/pdf4/bd060216comments_petersen_novak.docx</a>                      Comments Submitted by R. Kruse, Spectra Energy: <a href="https://www.naesb.org/pdf4/bd060316comments_kruse.pdf">https://www.naesb.org/pdf4/bd060316comments_kruse.pdf</a>                      Notational Ballot Results: <a href="https://www.naesb.org/pdf4/bd060216_060316_results.doc">https://www.naesb.org/pdf4/bd060216_060316_results.doc</a></p>	<p>GEH Forum Report - Survey Results Addendum: <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816.docx</a>                      Corrected GEH Forum Report – Survey Results Addendum May 2, 2016(redline): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined.docx</a>                      Corrected GEH Forum Report – Survey Results Addendum May 2, 2016(clean): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean.docx</a>                      Corrected GEH Forum Report – Survey Results Addendum May 13, 2016 (redline): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined051316.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_redlined051316.docx</a>                      Corrected GEH Forum Report – Survey Results Addendum May 13, 2016 (clean): <a href="https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx">https://www.naesb.org/pdf4/geh_report_addendum_041816_clean051316.docx</a>                      Comments Submitted by M. Burroughs, American Gas Association: <a href="https://www.naesb.org/pdf4/bd053116w1.pdf">https://www.naesb.org/pdf4/bd053116w1.pdf</a>                      OATI Submittal to NAESB to Further Supplement Discussions on the e-Tag Concepts Applied to Gas Scheduling: <a href="https://www.naesb.org/pdf4/bd053116w2.pdf">https://www.naesb.org/pdf4/bd053116w2.pdf</a>                      NGSAs Comments and Recommendation on Gas-Electric Harmonization Forum to Address FERC Directive in Order 809: <a href="https://www.naesb.org/pdf4/bd053116w3.pdf">https://www.naesb.org/pdf4/bd053116w3.pdf</a></p>

Appendix K: NAESB Board of Directors Minutes and Work Papers

Appendix K: NAESB Board of Directors Meeting Minutes and Work Papers		
Date	Link to Meeting Minutes	Work Papers
September 1, 2016	<p>NAESB Board of Directors Meeting including Meeting of the Members and Strategic Session, Houston, TX (Held at the Four Season Hotel Downtown)                      Agenda: <a href="https://www.naesb.org/pdf4/bd090116a.docx">https://www.naesb.org/pdf4/bd090116a.docx</a>                      Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd090116fm.docx">https://www.naesb.org/pdf4/bd090116fm.docx</a>                      Attachments:                      2016 WEQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd090116a1.docx">https://www.naesb.org/pdf4/bd090116a1.docx</a>                      2016 Retail Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd090116a2.docx">https://www.naesb.org/pdf4/bd090116a2.docx</a>                      2016 WGQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd090116a3.docx">https://www.naesb.org/pdf4/bd090116a3.docx</a></p>	<p>Board of Directors Meeting Materials Assembled: <a href="https://www.naesb.org/pdf4/bdbk090116.pdf">https://www.naesb.org/pdf4/bdbk090116.pdf</a>                      Board Agenda Cross Reference: <a href="https://www.naesb.org/pdf4/bd090116cross_ref.docx">https://www.naesb.org/pdf4/bd090116cross_ref.docx</a></p>
December 7, 2016	<p>NAESB Advisory Council Letter to the WGQ BPS Leadership: <a href="https://www.naesb.org/pdf4/advisory_council_letter_120716.docx">https://www.naesb.org/pdf4/advisory_council_letter_120716.docx</a></p>	
December 8, 2016	<p>NAESB Board of Directors Meeting, Houston, TX (Held at the Four Season Hotel Downtown)                      Agenda: <a href="https://www.naesb.org/pdf4/bd120816a.docx">https://www.naesb.org/pdf4/bd120816a.docx</a>                      Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd120816dm.docx">https://www.naesb.org/pdf4/bd120816dm.docx</a>                      Attachments:                      2016 Retail Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd120816a2.docx">https://www.naesb.org/pdf4/bd120816a2.docx</a>                      2016 WEQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd120816a3.docx">https://www.naesb.org/pdf4/bd120816a3.docx</a>                      2016 WGQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd120816a4.docx">https://www.naesb.org/pdf4/bd120816a4.docx</a>                      2017 Retail Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd120816a5.docx">https://www.naesb.org/pdf4/bd120816a5.docx</a>                      2017 WEQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd120816a6.docx">https://www.naesb.org/pdf4/bd120816a6.docx</a>                      2017 WGQ Annual Plan Adopted by the Board of Directors: <a href="https://www.naesb.org/pdf4/bd120816a7.docx">https://www.naesb.org/pdf4/bd120816a7.docx</a>                      NAESB Strategic Plan 2017-2019: <a href="https://www.naesb.org/pdf4/bd120816a8.docx">https://www.naesb.org/pdf4/bd120816a8.docx</a></p>	<p>Board of Directors Meeting Materials Assembled: <a href="https://www.naesb.org/pdf4/bdbk120816.pdf">https://www.naesb.org/pdf4/bdbk120816.pdf</a>                      Board Agenda Cross Reference: <a href="https://www.naesb.org/pdf4/bd120816cross_ref.docx">https://www.naesb.org/pdf4/bd120816cross_ref.docx</a></p>

Appendix L: List of Available Transcripts

Appendix L: List of Available Transcripts		
Date	Meeting Description and Location	Transcript
January 25, 2016	GEH Forum Organizational & Informational Conference Call Meeting Notes: <a href="https://www.naesb.org/pdf4/geh012516notes.docx">https://www.naesb.org/pdf4/geh012516notes.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
February 18-19, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Doubletree Downtown Hotel) Meeting Notes: <a href="https://www.naesb.org/pdf4/geh021816notes.docx">https://www.naesb.org/pdf4/geh021816notes.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
February 25, 2016	NAESB WGQ Executive Committee Meeting, Phoenix, AZ (Held at the Salt River Project) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022516fm.docx">https://www.naesb.org/pdf4/wgq_ec022516fm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
April 7, 2016	NAESB Board of Directors Meeting w/Web Conferencing – Houston, TX (Held at the Four Seasons Hotel Downtown) Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd040716fm.docx">https://www.naesb.org/pdf4/bd040716fm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
March 7-8, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Hilton Americas Hotel) Meeting Notes: <a href="https://www.naesb.org/pdf4/geh030716notes.docx">https://www.naesb.org/pdf4/geh030716notes.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
March 21-22, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Hilton Americas Hotel) Staff Notes: <a href="https://www.naesb.org/pdf4/geh032116staffnotes.docx">https://www.naesb.org/pdf4/geh032116staffnotes.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
May 13, 2016	GEH Forum Meeting w/Web Conferencing, Houston, TX (Held at the Hilton Americas Hotel) Staff Notes: <a href="https://www.naesb.org/pdf4/geh051316staffnotes.docx">https://www.naesb.org/pdf4/geh051316staffnotes.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
May 31, 2016	NAESB Board of Directors Conference Call w/Web Conferencing Meeting Notes: <a href="https://www.naesb.org/pdf4/bd053116fm.docx">https://www.naesb.org/pdf4/bd053116fm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807

Appendix L: List of Available Transcripts

Appendix L: List of Available Transcripts		
Date	Meeting Description and Location	Transcript
September 1, 2016	NAESB Board of Directors Meeting including Meeting of the Members and Strategic Session w/Web Conferencing – Houston, TX (Held at the Four Seasons Hotel Downtown) Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd090116fm.docx">https://www.naesb.org/pdf4/bd090116fm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
October 27, 2016	NAESB WGQ Executive Committee Meeting, Richmond, VA (Held at Dominion) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec102716fm.docx">https://www.naesb.org/pdf4/wgq_ec102716fm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
December 8, 2016	NAESB Board of Directors Meeting, Houston, TX (Held at the Four Season Hotel Downtown) Meeting Minutes: <a href="https://www.naesb.org/pdf4/bd120816dm.docx">https://www.naesb.org/pdf4/bd120816dm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807
February 23, 2017	NAESB WGQ Executive Committee Meeting, Phoenix, AZ (Held at the Salt River Project) Meeting Minutes: <a href="https://www.naesb.org/pdf4/wgq_ec022317dm.docx">https://www.naesb.org/pdf4/wgq_ec022317dm.docx</a>	Transcripts from the meeting can be ordered from: Jill Vaughan, CSR 1803 Rustic Oak Ln, Seabrook, Texas 77586 281-853-6807



Appendix M: Copyright and Accessibility of Standards and Work Products

Copyright and Accessibility of Standards and Work Products

All published NAESB standards and work products are protected under United States Copyright laws, and NAESB alone retains the rights to publication, reproduction, display and distribution of the its published works consistent with the NAESB Copyright Policy. The NAESB standards and protected work products are accessible to members at no cost as a benefit of their membership. Non-members can purchase the standards and work products as a full version, or they can purchase individual final actions. Non-members can also access the standards at no cost by requesting an evaluation copy. A materials order form from the NAESB web site for ordering standards or for instructions on accessing standards for evaluation may be downloaded from the NAESB website homepage ([www.naesb.org](http://www.naesb.org)).

The NAESB Copyright Policy and a list of entities with recorded valid access to the standards and work products can be found through the following hyperlink: <https://www.naesb.org/pdf2/copyright.pdf>. Additionally, a list of Federal Energy Regulatory Commission jurisdictional entities without record of valid access to the most recently mandated NAESB WGQ<sup>1</sup> and WEQ<sup>2</sup> Business Practice Standards can be found through the following two hyperlinks.

- WGQ Entities: [https://naesb.org/pdf4/wgq\\_jurisdictional\\_entities\\_without\\_recorded\\_access.pdf](https://naesb.org/pdf4/wgq_jurisdictional_entities_without_recorded_access.pdf)
- WEQ Entities: [https://naesb.org/pdf4/weq\\_jurisdictional\\_entities\\_without\\_recorded\\_access.pdf](https://naesb.org/pdf4/weq_jurisdictional_entities_without_recorded_access.pdf)

---

<sup>1</sup> Per 18 C.F.R. §284.12(a), the NAESB WGQ Business Practice Standards apply to an interstate pipeline that (1) transports gas on behalf of any intrastate pipeline or any local distribution company in accordance with 18 C.F.R. §284.101 OR (2) transports on behalf of others in accordance with 18 C.F.R. §284.221.

<sup>2</sup> Per 18 C.F.R. §18.1(a), the NAESB WEQ Business Practice Standards apply to all public utilities that own, operate, or control facilities used for the transmission of electric energy in interstate commerce or for the sale of electric energy at wholesale in interstate commerce and any non-public utility that seeks voluntary compliance with jurisdictional transmission tariff reciprocity conditions.

Appendix N: End Notes – NAESB 2016 and 2017 WEQ and WGQ Annual Plans

---

**End Notes WEQ 2016 Annual Plan:**

<sup>i</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>ii</sup> The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

**End Notes, WGQ 2016 Annual Plan:**

<sup>i</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>ii</sup> The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

<sup>iii</sup> As implementation of business issues are presented to the Information Requirements Subcommittee and Technical Subcommittee, those issues will be given precedence over WGQ 2016 Annual Plan Item No. 1.

<sup>iv</sup> The EC assigns maintenance of existing standards on a request-by-request basis.

**End Notes WEQ 2017 Annual Plan:**

<sup>i</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>ii</sup> The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

**End Notes, WGQ 2017 Annual Plan:**

<sup>i</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>ii</sup> The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

<sup>iii</sup> As implementation of business issues are presented to the Information Requirements Subcommittee and Technical Subcommittee, those issues will be given precedence over WGQ 2017 Annual Plan Item No. 1.

<sup>iv</sup> FERC Order No. 809 can be found through the following hyperlink: <https://www.ferc.gov/whats-new/comm-meet/2015/041615/M-1.pdf>

<sup>v</sup> FERC Order No. 809 ¶107. While NAESB's modified standards represent an improvement over the currently effective standards, we continue to recognize that additional intraday nomination opportunities could promote more efficient use of existing pipeline infrastructure and provide additional operational flexibility to all pipeline shippers, including gas-fired generators. The modified NAESB standards reflect reduced intraday processing times from the current NAESB standards (i.e., three hours instead of the current four hours), and existing operational limitations, including the manual processes utilized by pipelines for processing nominations, may affect the ability of the gas industry to add additional standard nomination cycles applicable to all shippers. However, the use of computerized scheduling would appear to provide an opportunity for faster and more frequent scheduling of intraday nominations for those shippers and their confirming parties willing to commit to scheduling electronically. We request that gas and electric industries, through NAESB, explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. Providing such an option would enable those entities that need greater scheduling flexibility to have their requests processed expeditiously.

<sup>vi</sup> The steps for the GEH forum shall be:

Appendix N: End Notes – NAESB 2016 and 2017 WEQ and WGQ Annual Plans

- 
- (1) Provide a forum for industry education from both the natural gas and electric industries regarding gas-electric coordination specific to computerized scheduling, and confirmations including a streamlined confirmation process, if necessary ([FERC Order No. 809 Order on Rehearing, Docket No. RM14-2-001](#))
  - (2) Identify potential issues specific to computerized scheduling, and confirmations including a streamlined confirmation process, if necessary which could be based on the education provided in step 1
  - (3) Identify potential solutions to the issues identified in step 2
  - (4) Identify potential schedules for standards development including status and progress reports to the board Identify potential schedules for standards development including status and progress reports to the board

<sup>vii</sup> FERC Order on Rehearing ¶1 – September 17, 2015 [Docket No. RM14-2-001] In Order No. 809, the Commission revised its regulations relating to the scheduling of transportation service on interstate natural gas pipelines to better coordinate the scheduling practices of the wholesale natural gas and electric industries, as well as to provide additional scheduling flexibility to all shippers on interstate natural gas pipelines.<sup>vii</sup> The Commission also requested that natural gas and electric industries, through the North American Energy Standards Board (NAESB), explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. On May 18, 2015, the Desert Southwest Pipeline Stakeholders (DSPS)<sup>vii</sup> filed a request for rehearing of Order No. 809. On August 4, 2015, NAESB filed a report indicating that due to the press of implementing the revised nomination standards by April 1, 2016, it would not begin the development of computerized scheduling standards until after that date. As discussed below, the Commission denies DSPS' request for rehearing and directs El Paso Natural Gas Company, L.L.C. (El Paso), Transwestern Pipeline Company, LLC (Transwestern), and TransCanada-North Baja Pipelines (TransCanada-North Baja) to make an informational filing within 90 days of the date of this order. In addition, while we recognize the time commitments in implementing the revised nomination timeline, the Commission requests that the natural gas and electric industries, through NAESB, begin considering the development of standards related to faster, computerized scheduling and file such standards or a report on the development of such standards with the Commission by October 17, 2016.

<sup>viii</sup> The EC assigns maintenance of existing standards on a request-by-request basis.