

NAESB Bulletin

February—May 2015 Volume 8, Issue 1

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2015 Calendar:

June

06/01 - Board of Directors Working Session Conf. Call
06/02-03 - WEQ BPS Meeting (Valley Forge, PA)
06/04 - Joint RMQ BPS and Data Privacy Task Force Conf. Call
06/09 - Gas Electric Harmonization (GEH) Web Cast Course
06/10 - Understanding the NAESB WGQ Contracts Web Cast Course
06/11 - Board Revenue Conf. Call
06/11 - Board Strategic Plan Ad Hoc Task Force Conf. Call
06/11 - Board Parliamentary Committee Conf. Call
06/11 - WEQ SRS Conf. Call
06/12 - WEQ CISS Conf. Call
06/12 - RMQ OpenFMB Task Force Conf. Call
06/15 - WEQ Executive Committee Conditional Parent Firm Redirects Task Force Conf. Call
06/16 - Gas Electric Harmonization (GEH) Web Cast Course
06/16-18 - WEQ OASIS Meeting (Phoenix, AZ)
06/17 - RMQ BPS Conf. Call
06/19 - Joint RMQ BPS and Data Privacy Task Force Conf. Call
06/22 - WEQ BPS Conf. Call
06/24 - RMQ IR/TEIS Conf. Call
06/24 - WEQ CISS Conf. Call
06/25 - WEQ BPS Conf. Call
06/25 - NAESB Monthly Update Conf. Call
06/26 - RMQ OpenFMB Task Force Conf. Call

July

07/03 - Holiday - Day before 4th of July (NAESB Closed)
07/07-08 - WEQ BPS Meeting (Norristown, PA)
07/09 - WEQ OASIS Conf. Call
07/09 - Board Strategic Plan Ad Hoc Task Force Conf. Call
07/09 - Board Parliamentary Committee Conf. Call
07/13 - WEQ SRS Conf. Call
07/21-23 - WEQ OASIS Meeting (Norristown, PA)
07/22 - RMQ BPS Conf. Call
07/29 - Board Revenue Conf. Call
07/29 - Board Strategic Plan Ad Hoc Task Force Conf. Call
07/29 - Board Parliamentary Committee Conf. Call
07/30 - WEQ OASIS Conf. Call

August

08/04-05 - WEQ BPS Meeting (Location TBD)
08/10 - WEQ SRS Conf. Call
08/17-18 - RMQ BPS Meeting (Dallas, TX)
08/18 - WEQ Executive Committee Meeting (Dallas, TX)
08/19 - WEQ OASIS Meeting (Dallas, TX)
08/19 - RMQ IR/TEIS Meeting (Dallas, TX)
08/19 - RMQ Executive Committee Meeting (Dallas, TX)
08/20 - WEQ OASIS Meeting (Dallas, TX)
08/20 - WGQ Executive Committee Meeting (Dallas, TX)
08/27 - NAESB Monthly Update Conf. Call
08/27 - WEQ OASIS Conf. Call

September

09/02 - RMQ Leadership Meeting (Houston, TX)
09/02 - WEQ Leadership Meeting (Houston, TX)
09/02 - WGQ Leadership Meeting (Houston, TX)
09/02 - NAESB Board Reception & Dinner with Guest Speaker (Houston, TX)
09/03 - NAESB Board of Directors Meeting (Houston, TX)
09/07 - Holiday - Labor Day (NAESB Closed)
09/09-10 - WEQ BPS Meeting (Location TBD)
09/15-17 - WEQ OASIS Meeting (Portland, OR)
09/16 - RMQ IR/TEIS Conf. Call
09/21 - WEQ SRS Conf. Call
09/23 - RMQ BPS Conf. Call

FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms:

On April 16, 2015 in Docket No. AD15-11-000, the *Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms* was issued to initiate discussion on the possible replacement of the current software used to electronically submit a number of Commission forms, Visual FoxPro, to a new data format. This action is being considered as updates to Visual FoxPro are no longer supported by Microsoft Corporation and other files and reports to the Commission, including electronic tariff filings, are employing Extensible Mark-Up Language (XML) file format. The Order specifically asked NAESB to consider supporting the effort, and on June 1, 2015, the NAESB Board of Directors held a working session to discuss two proposed modifications to the 2015 WGQ and WEQ Annual Plans that will be voted on via a notational ballot after the meeting. One of the two suggested revisions proposed the inclusion of an item for the consideration of standards development for the electronic forms.

To initiate the discussion, on May 1, 2015, the FERC issued a Notice of Technical Conference with NAESB in Docket No. AD15-11-000 scheduled for June 10, 2015. To support the dialogue, the Commission noted that, to date, the use of Visual FoxPro has been eliminated for the Electric Quarterly Report (EQR or FERC-920) filings and that consideration to transitioning Forms 1, 1-F, 2, 2-A, 3-Q electric, 3-Q gas, 6, 6-Q, FERC-60, and FERC-714 from Visual FoxPro to a new format may be beneficial. During the June 10, 2015 technical conference, FERC, NAESB, and interested members of the industry will discuss the proposal and coordination efforts in effectuating the transition to a new electronic submission format for the forms. The Commission will accept comments following the conference until the June 30, 2015 comment deadline.

For more information, please go to [2015 WGQ Annual Plan](#), [2015 WEQ Annual Plan](#), [June 1, 2015 Board Working Session Announcement and Agenda, April 16, 2015 - FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms \(Docket No. AD15-11-000\)](#) and [May 1, 2015 - FERC Notice of Technical Conference \(June 10, 2015\) with NAESB on Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms \(Docket No. AD15-11-000\)](#).

NAESB and NERC Continuing Coordination: To ensure that both organizations remain in lock step on several ongoing industry projects, NAESB staff and the leadership of the WEQ continue to hold monthly calls with NERC staff and leadership. During these calls, the organizations review the status of the many coordinated projects underway, including the transition of the NERC MOD standards to NAESB, responding to the March 19, 2015 FERC Order calling for coordination regarding the elimination of the Purchase-Selling Entity (PSE), Interchange Authority (IA), and Load-Serving Entity (LSE) functional categories from the NERC Functional Model, discussions concerning the future of the NERC Resource and Demand Balancing (BAL) standards, and additional organizational issues.

Currently, the work of the WEQ BPS related to the MOD transition of standards is scheduled to be complete by the end of the second quarter of 2015 with any resulting standards submitted to the Commission during the third quarter of 2015. As reported in the last bulletin, NAESB is developing standards that support the NERC MOD requirements proposed for retirement that have been identified by NERC and confirmed by NAESB as commercially relevant. NAESB is committed to working with the Commission and NERC to ensure a seamless implementation of the MOD standards for the industry.

On March 19, 2015, FERC *Order on Electric Reliability Organization Risk Based Registration Initiative and Requiring Compliance Filing* was issued in Docket No. RR15-4-000 and requested that NERC coordinate with NAESB regarding revisions to the NERC Rules of Procedure that will implement NERC's Risk-Based Registration initiative. This project will retire the PSE and IA functional registration categories from the NERC Functional Model and may affect certain aspects of the NAESB Business Practice Standards. Further, NERC is intending to retire the LSE functional registration category from its Compliance Registry, which may impact NAESB Standards WEQ-004 and WEQ-008. In Paragraph 42 of the order, the Commission stated "NERC should address in [a future] compliance filing its coordination with NAESB to ensure the timely-transfer of commercial-related practices affected by the proposed elimination of the [LSE] function."

Moving forward, NAESB will continue to monitor the treatment of the NERC BAL-004 Time Error

Click on any underlined text and you can access more detailed reports.

NAESB and NERC Continuing Coordination (continued): Correction standards as part of 2015 WEQ Annual Plan Item 1.f – Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-0). A NERC Five-Year Periodic Review Team has considered the BAL-004 reliability standards for retirement and proposed that Manual Time Error Correction be eliminated as a continent-wide NERC requirement. The potential retirement may have an impact on corresponding NAESB WEQ Business Practice Standards, including WEQ-006 Manual Time Error Correction.

For more information, please go to [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [MOD Standard Scoping Task Force Page](#), [WEQ BPS Page](#), [WEQ CISS Page](#), [WEQ SRS Page](#), [March 19, 2015 FERC Order](#), [March 19, 2015 Errata Notice, R14002](#), [MOD Requirements for Consideration by WEQ BPS, ER13001](#), [Recommendation for ER13001](#), [February 24, 2015 WEQ Executive Committee Draft Minutes and Recommendation approved by the NAESB WEQ Executive Committee on February 24, 2015 to initiate the full staffing process \(Redline\)](#).

FERC Order No. 809 and Gas-Electric Harmonization: In FERC Order No. 809, *Final Rule Coordinating of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities* issued in Docket No. RM14-2-000 on April 16, 2015, the Commission adopted the modifications to support the timely, evening, and intraday nomination schedule proposed by NAESB and currently included in the WGQ Version 3.0 standards. Additionally, the Commission supported a 9:00 am Central Clock Time (CCT) start to the gas day and has asked NAESB to incorporate consistent modifications into the standards. In response to the request, NAESB leadership took action on April 22, 2015, by approving a modification to the 2015 WGQ Annual Plan that moved the annual plan item addressing the final order from provisional to active status and assigning the item to the WGQ Executive Committee. The board also determined that initiating the NAESB Minor Correction Process to address the modifications to the final actions that support the corresponding annual plan items, WGQ 2014 Annual Plan Items 11.c (Parts 1 and 2) and MC14018, would be the most efficient method to timely respond to the request of the FERC.

The resulting minor correction, MC15009, was approved during an April 30, 2015 WGQ Executive Committee conference call and initiated a public comment period that concluded on May

14, 2015. No comments were received and the minor corrections became effective on June 1, 2015. As the Commission did not propose action on the NAESB WGQ Business Practice Standards Version 3.0 when acting on the gas-electric harmonization standards, a set of subsequent minor corrections will be filed with the Commission in July to ensure consistency with Version 2.0 of the WGQ Standards and to update Version 3.0 of the WGQ Standards should the Commission take action on the latest version. A *NAESB Gas-Electric Harmonization Webcast Course* was held on June 10th and 16th, 2015 to provide an overview of the standards developed in response to the NOPR and adopted in the final order, along with the minor corrections that will be filed in July.

Additionally, through FERC Order No. 809, the Commission requested that the gas and electric industries, through NAESB, consider the use of electronic scheduling for the nomination and confirmation processes to improve its speed. As noted above, a board working session was held on June 1, 2015 to discuss the addition of an item on the 2015 WEQ and WGQ Annual Plans to support the request. A notational ballot to consider the item will be sent out shortly.

For more information, please go to [FERC Order No. 809](#), [2015 WGQ Annual Plan](#), [2014 WGQ Annual Plan](#), [2015 WEQ Annual Plan](#), [June 1, 2015 Board Working Section Announcement and Agenda](#), [Version 3.0 WGQ Business Practice Standards Published November 14, 2014](#), [Version 3.0 WGQ Business Practice Standards Filing to FERC November 14, 2014](#), [March 20, 2014 FERC NOPR](#), [Final Action for 2015 WGQ Annual Plan Item 11.c – Part One](#), [Final Action for 2015 WGQ Annual Plan Item 11.c – Part Two](#), [MC14018](#), [Notational Ballot for MC14018](#), [Results for Notational Ballot for MC14018](#), [Recommendation for MC14018 as approved by the WGQ Executive Committee via Notational Ballot on September 10, 2014](#), [MC15009](#), [Recommendation for MC15009 as approved by the WGQ Executive Committee on April 30, 2015](#), [Request for Comments for MC15009](#), [NAESB Minor Correction Procedures](#), [NAESB Primers and Training Courses Page](#), [NAESB Gas Electric Harmonization \(GEH\) Webcast Course – June 9, 2015](#), [NAESB Gas Electric Harmonization \(GEH\) Web Cast Course - June 16, 2015](#), [June 18, 2014 NAESB Report to FERC in Docket No. RM14-2-000](#), [November 26, 2014 Report to FERC](#), [October 15, 2014 FERC Notice of Filing](#), [September 29, 2014 Report to FERC](#), [NAESB Gas-Electric Harmonization Forum Page](#), [Voting Process](#), [NAESB Gas-Electric Harmonization Forum Distribution List](#), [GEH Forum Timeline](#), [Schedule of Meetings and Deliverables](#), [Excerpts from the FERC NOPR](#), [June 4, 2014 Board of Directors Meeting](#), [June 4, 2014 Correspondence from Michael Desselle](#), [June 9, 2014 NAESB Press Release](#) and [NAESB Gas-Electric Harmonization Committee Report - September 2012](#).

NAESB New Members

Retail Markets Quadrant (Segment):

- Department of General Services (Retail Gas Market Interests)
- Xtensible Solutions LLC (Retail Electric Service Providers/Suppliers)
- Minnesota Public Utilities Commission (Retail Electric End Users/Public Agencies)

Wholesale Electric Quadrant (Segment):

- Indianapolis Power and Light Company (Transmission)
- Minnesota Public Utilities Commission (End Users)

STANDARDS DEVELOPMENT

WEQ Open Access Same-time Information Systems (OASIS) Subcommittee: Since March, the WEQ OASIS Subcommittee has voted out a whopping nine recommendations to address 2015 WEQ Annual Plan Items. On June 1, 2015, the NAESB membership ratified four of these recommendations for 2015 WEQ Annual Plan Items 7.a-7.d, developed in response to Federal Energy Regulatory Commission (FERC or Commission) Order No. 676-H. Of particular note was 2015 WEQ Annual Plan Item 7.b, adopted to address Paragraph 49 of the Order, in which the Commission requested “that the NAESB standards conform to the Commission’s *Dynegy* policy, through revisions to “WEQ-001-9.5, WEQ-001-10.5, and any other standards affected by these standards ... we request that NAESB make this project a priority.” The subcommittee met ten times between October 22, 2014 and March 12, 2015 to vote out the recommendation for a thirty day industry comment period. The *Dynegy* policy addressed the treatment and timing aspects related to the redirect of capacity on parent reservations on the OASIS scheduling systems. As consensus could not be reached on the treatment of conditional redirects, the subcommittee recommendation only addresses unconditional redirects. To continue the standards development effort, during the April 28, 2015 WEQ Executive Committee meeting, a WEQ Executive Committee task force was created to address redirects from conditional reservations. The first meeting of the task force is scheduled to take place later this month.

Also ratified on June 1, 2015, were recommendations for 2015 WEQ Annual Plan Item 7.a – modifications to NAESB standards WEQ-001-14.1.3 and WEQ-001-15.1.2 to provide for a one-day requirement for posting Available Transfer Capability (ATC) narratives, 2015 WEQ Annual Plan Item 7.c – modifications to NAESB standard WEQ-001-106.2.5 to clarify when Transmission Providers may refuse a request for terminating secondary network service based on the availability of capacity, and 2015 WEQ Annual Plan Item 7.d – modifications to the NAESB Service Across Multiple Transmission Systems (SAMTS) Business Practice Standards to permit a customer with preempted transmission capacity from a reservation associated with a coordinated group to alter the capacity of coordinate requests in the coordinated group. All three recommendations were approved by the WEQ Executive Committee on April 28, 2015.

In addition to the work on FERC Order No. 676-H, the subcommittee voted out five recommendations during its April 14-16, 2015 meeting. While the recommendation for 2015 WEQ Annual Plan Item 6.a was developed in response to FERC Order No. 676-E, the other recommendations were completed as part of regular maintenance to the existing body of WEQ standards. All five recommendations will be considered during the August 18, 2015 WEQ Executive Committee meeting in Dallas, Texas.

The subcommittee is now refocusing its efforts on Preemption and Competition, 2015 WEQ Annual Plan Items 2.a.i. and 5.c, with the development of a recommendation for long-term preemption and competition expected in June. That recommendation will be followed by a second recommendation addressing short-term competition and completing the annual plan items in 2016. The next WEQ OASIS Subcommittee face-to-face meeting will be hosted by MISO in Carmel, IN on June 16-18, 2015. During the call the participants will continue to discuss and possibly vote on the draft recommendation for long-term competition.

For more information, please go to [FERC Order No. 676-H](#), [October 3, 2014 FERC Errata to Final Rule](#), [FERC Order No. 890](#), [FERC Order No. 890-A](#), [2015 WEQ Annual Plan](#), [Final Action for 2015 WEQ Annual Plan Item 7.a](#), [Final Action for 2015 WEQ Annual Plan Item 7.b](#), [Final Action for 2015 WEQ Annual Plan Item 7.c](#), [Final Action for 2015 WEQ Annual Plan Item 7.d](#), [December 18, Status Report to FERC](#), [March 10-12, 2015 WEQ OASIS Final Minutes](#), [March 26, 2015 WEQ OASIS Final Minutes](#), [Recommendation for 2015 WEQ Annual Plan Item 5.b/R08027](#), [Recommendation for 2015 WEQ Annual Plan Item 5.a/R08011](#), [Recommendation for 2015 WEQ Annual Plan Item 6.a](#), [No Action Recommendation for 2015 WEQ Annual Plan Item 3.a.i.2](#), [Recommendation for 2015 WEQ Annual Plan Item 3.a.i.1](#), [Correspondence From Michael Desselle, July 18, 2013 FERC NOPR on Version 003](#), [WEQ OASIS Subcommittee Page](#) and [WEQ OASIS Long Term Competition Work Paper](#).

RMQ Open Field Message Bus (OpenFMB) Task Force: Chaired by Stuart Laval and Joe Zhou, the OpenFMB Task Force held its kick off meeting on April 17, 2015. The new task force was created by the RMQ Executive Committee in response to a Standards Request submitted last November from Duke Energy. The request, R14008, asks that NAESB develop OpenFMB Model Business Practices for interoperable data exchange between distributed power systems devices on the electric grid’s field area networks.

As a standard for power systems field devices to leverage a non-proprietary and standards-based reference architecture platform, OpenFMB may consist of internet protocol (IP) networking, Internet of Things (IoT) messaging protocols, and standardized common semantic models, to enable the secure, reliable, and scalable communications and peer-to-peer information exchange between devices on the electric grid.

During three meetings held throughout the month of May, the task force reviewed use case scenarios and developed an outline for the draft model business practices. The upcoming call on June 12, 2015 will focus on the development of a draft recommendation. A face-to-face meeting of the OpenFMB Task Force will be hosted by Duke Energy in Charlotte, NC on July 10, 2015.

For more information, please go to [2015 RMO Annual Plan](#), [R14008](#), [RMO OpenFMB Page](#), [May 29, 2015 OpenFMB Meeting Notes](#), [May 15, 2015 OpenFMB Meeting Notes](#), [May 1, 2015 OpenFMB Meeting Notes](#) and [OpenFMB Specification Development Plan](#).

STANDARDS DEVELOPMENT (*continued*)

Parallel Flow Visualization-Transmission Loading Relief (PFV-TLR): On February 24, 2015, the WEQ Executive Committee voted to approve a recommendation for the proposed PFV business practice standards which contain modifications to the current NAESB WEQ-008 TLR – Eastern Interconnection standards support the submission of near real-time data to the IDC tool. During the full staffing period, the approved recommendation will be held in abeyance while the IDC Association conducts a field test on the standards. This will allow for any needed modifications to the standards to be made prior to, during, or following the field test. At the conclusion of the field test, the full-staffing period, and ratification by the NAESB membership, the standards will be provided to the Commission. NAESB filed a status report on March 25, 2015, in Docket No. EL14-82-000, to inform the Commission of the actions taken by the WEQ Executive Committee, to provide an overview of the business practice standards, and to explain the next steps for the PFV project.

Upon the approval of the recommendation, the Interchange Distribution Calculator (IDC) Association began test preparations in anticipation of the PFV field trial. The test preparation period is expected to last between twelve to eighteen months. During this time, the IDC Association is working to identify and implement the needed software modifications to the IDC tool for the PFV field trial as well as create a test plan. The IDC Association is seeking the input of the WEQ Business Practices Subcommittee (BPS) on commercial metrics and the NERC Operating Reliability Subcommittee (ORS) on reliability metrics to be included in the test plan.

The WEQ BPS began to develop the PFV recommendation in 2010 with the objective of refining congestion management in the Eastern Interconnection through the increase of the Reliability Coordinator’s real-time visibility of the source and magnitude of parallel flows within the bulk electric system.

For more information, please go to [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [March 25, 2015 NAESB PFV Report to FERC](#), [January 28, 2015 PFV Status Report to FERC](#), [July 11, 2014 PFV Status Report to FERC](#), [WEQ BPS Page](#), [WEQ Executive Committee Task Force Page](#), [Recommendation approved by the NAESB WEQ Executive Committee on February 24, 2015 to initiate the full staffing process \(Redline\)](#), [Executive Committee Task Force PFV Request for Comments](#), [Entergy Comments](#), [Joint IESO, ISO-NE, MISO, NYISO, PJM, and SPP Comments](#), [MISO Comments](#), [WEQ SRS Comments](#), [NYISO Comments](#), [Southern Company Comments](#), [WEQ Executive Committee PFV Task Force Late Comments](#), [IESO Late Comments](#), [October 21, WEQ Executive Committee Meeting Minutes](#), [WEQ BPS PFV Recommendation](#) and [WEQ BPS PFV Request for Formal Comments](#).

Cybersecurity: The WEQ Cybersecurity Subcommittee (CSS) and the WEQ Coordinate Interchange Scheduling Subcommittee (CISS) held a joint meeting on April 29, 2015 to discuss a no action recommendation for 2015 WEQ Annual Plan Item 4.b (Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specifications). The WEQ CSS will meet again in June to review and possibly vote out the recommendation to be reviewed at the August WEQ Executive Committee meeting hosted by Oncor in Dallas, Texas.

Prior to this action, on April 9, 2015, the WEQ CSS considered 2015 WEQ Annual Plan Items 4.a.i (Review annually at a minimum, the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions) and 4.c (Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection (CIP) Standards and any other activities of the FERC related to cybersecurity). The subcommittee participants determined that no modifications are needed for 2015 WEQ Annual Plan Item 4.a.i at this time, but postponed the development of a subcommittee recommendation until market conditions are reassessed later this year. Additionally, for 2015 WEQ Annual Plan Item 4.c, the subcommittee determined that modifications are not needed to the NAESB standards to support Version 5 of the NERC CIP Standards. The subcommittee will reconvene later in the year to discuss the need for standard modifications to support FERC cybersecurity activities.

Concerning the retail markets, on February 25, 2015 the RMQ Executive Committee approved a no action recommendation for 2014 RMQ Annual Plan Items 5.a. and 5.b – Investigate and determine if changes to standards are needed to support adequate session encryption (SSL/TLS issues). In December, the RMQ IR TEIS voted out the recommendation, concluding that technological changes and security threats have not yet warranted modifications to the standards.

For more information, please go to [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [WEQ CSS Page](#), [WEQ CISS Page](#), [April 29, 2015 WEQ CSS Final Minutes](#), [2015 RMO Annual Plan](#), [2014 RMO Annual Plan](#), [February 25, 2015 RMQ Executive Committee Draft Minutes](#), [Retail IR TEIS Page](#), [December 1, 2015 Retail IR TEIS Final Minutes](#), [No Action Recommendation for 2014 RMO Annual Plan Items 5.a and 5.b](#) and [Request for Comments on 2014 RMO Annual Plan Items 5.a and 5.b](#).

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Demand-Side Management and Energy Efficiency (DSM-EE) Update: Since the beginning of the year, NAESB has continued to coordinate with the American National Standards Institute (ANSI) regarding potential energy efficiency standards development in areas identified in the Standardization Roadmap gap analysis drafted by the ANSI Energy Efficiency Standardization Coordination Collaborative (EESCC). As a result of the Standardization Roadmap, NAESB was asked by ANSI to consider standards development in eighteen areas identified by the EESCC. After a thorough review by NAESB leadership, NAESB noted three areas in which potential standards development efforts may be pursued. These areas include the establishment of a standardized format and content guide for technical reference manuals, standardized terms and definitions for reporting energy efficiency program and project data, and standardized reporting characteristics of audit and implementation data. This information was reviewed by the NAESB Managing Committee and the Board of Directors and communicated to ANSI in a letter sent on December 18, 2014.

NAESB staff met with ANSI leadership through several conference calls, as late as June, to discuss other standards developments efforts underway by other organizations, including the Northeast Energy Efficiency Partnership (NEEP). During the calls, it was noted that there are already several existing state-level and regional technical reference manuals and documents touching on audit and implementation data. Additionally, the DoE State and Local Energy Efficiency (SEE) Action Task Force is considering the standardization of terms and definitions for reporting energy efficiency programs. NAESB, ANSI, and NEEP plan to hold additional conference calls to continue to discuss and monitor ongoing industry activities.

In a separate effort, the DSM-EE Specifications Task Force met earlier this year and determined that the potential development of a RMQ Demand Response (DR) and Energy Efficiency (EE) Measurement and Verification (M&V) specification should be postponed due to the pending litigation surrounding FERC Order No. 745. Last year, the participants determined that an accompanying DR specification for the WEQ would also be premature. In order to allow the task force to revisit the request, 2015 WEQ Provisional Annual Plan Item 5 was placed on the WEQ Annual Plan. This effort began in response to a request from Dominion Voltage Inc. to consider the development of a specification to support a certification program for the DSM-EE WEQ and RMQ standards. Part of this effort includes the completed specification to support the certification of EE M&V products and services which is now available to the industry.

For more information, please go to [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [2015 RMQ Annual Plan](#), [2014 RMQ Annual Plan](#), [December 18, 2014 - NAESB Letter to ANSI Request to Consider the Development of Additional Energy Efficiency Standards, Areas for Potential Energy Efficiency Standards Development per ANSI](#), [ANSI Request for Energy Efficiency Standards](#), [December 9, 2014 Retail EC Call Draft Minutes](#), [November 20, 2014 Managing Committee Notes](#), [DSM-EE Specifications Task Force Webpage](#), [FERC Order No. 745](#), [January 7, 2015 DSM-EE Specifications Task Force Final Minutes](#), [December 16, 2014 DSM-EE Specifications Task Force Final Minutes](#), [August 13, 2015 DSM-EE Specifications Task Force Final Minutes](#), [Dominion Voltage Correspondence](#) and [DSM-EE Certification Process Document](#).

RMQ Net Metering Model Business Practices Development: In order to support the communications of retail net metering information in a variety of jurisdictions, the recommendation for 2015 RMQ Annual Plan Item 4 will propose to modify existing and add new retail model business practices to several RMQ books. To continue this effort, the RMQ BPS held a face-to-face meeting on April 27-28, 2015 to develop recommendations to modify Book 10 – Customer Enrollment, Drop, and Account Information, and Book 11 – Customer Enrollment, Drop and Account Information Change Using a Registration Agent. The recommendation for Book 10 is scheduled for completion within the second quarter of 2015, closely followed by the recommendation for Book 11 in the third quarter. The RMQ BPS recommendations for Book 3 – Billing and Payments and Book 8 – Retail Customer Information were ratified by the NAESB membership on April 2, 2015 and November 20, 2015 respectively. The next RMQ BPS conference call will be held on June 17, 2015.

As part of the full staffing process, once the RMQ BPS recommendations are complete, the RMQ Information Requirements and Technical Electronic Implementation Subcommittee (IR TEIS) will begin to develop modifications to the Data Dictionaries and the technical implementation under 2015 RMQ Annual Plan Item No. 3.b and 3.c to support the Books 10 and 11. In the meantime, the RMQ IR TEIS will hold a conference call on June 24, 2015 to continue the development of technical implementation for Book 3 – Billing and Payments and Book 8 – Retail Customer Information. The subcommittee expects to complete the recommendation for Book 8 in the second quarter of 2015, followed by a recommendation addressing Book 3 in the second quarter of 2015.

In light of the divergent implementation of net metering arrangements and the variety of policies set by state commissions, the retail net metering annual plan items were given the limited scope of supporting billing and payment in competitive markets.

For more information, please go to [2015 RMQ Annual Plan](#), [2014 RMQ Annual Plan](#), [RMQ BPS Page](#), [RMQ Glossary Subcommittee Page](#), [RMQ IR TEIS Page](#), [Final Action for Book 3 \(MBPs\)](#), [Final Action for Book 3 \(Process Flows\)](#), [Final Action for Book 8](#) and [June 4, 2015 Joint RMQ BPS and Data Privacy Task Force Agenda](#).

NAESB Primers and Training Courses:

Please monitor the [NAESB Primers and Training Courses](#) web page for additional information and scheduling of upcoming courses.

Data Privacy Update: On June 4, 2015, the RMQ Data Privacy Task Force held a joint conference call with the RMQ BPS to address Standards Request R15001. The request asks NAESB to revise Model Business Practice Standard RXQ.6.10 – Retail Customer Authorization for Release of Retail Customer-Specific Data, to include a footnote informing the reader that where the end date of the authorization form is left blank, the end date will default to an indefinite release of customer data to an authorized third party or as directed by the Applicable Regulatory Authority. Additionally, the request suggests the addition of a Customer Revocation Section to permit a customer to cancel authorization at any time. As the call resulted in several modifications to RXQ.6.10, a second joint conference call with webcasting will be held on June 19, 2015 to discuss and possibly vote out a recommendation.

Additionally, the NAESB Third Party Data Privacy Practices Certification Program to support the NAESB REQ.22 Data Privacy Model Business Practices is now available to the retail markets. Last year, the Board Certification Program Committee developed the program and the Data Privacy Task Force, chaired by Christine Wright of the Texas PUC, developed an accompanying specification supporting the program. The NAESB Certification Program utilizes a self-certification format where an officer or principle of the company seeking certification has reviewed the appropriate Certification Check List, certifies under oath that the software product or software solution meets the minimum requirements, and certifies that his or her answers are accurate and truthful. Please contact the NAESB office for more information on attaining any NAESB certifications.

For more information, please go to, [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [Smart Grid Data Privacy Task Force Page](#), [RMQ BPS Page](#), [R15001](#), [RXQ 6.10 –Retail Customer Authorization for Release of Retail Customer-Specific Data](#), [Board Certification Program Committee Page](#), [Third Party Data Privacy Practices Certification Process](#), [Specification for Data Privacy Governing Third Party Access as Revised and Approved by RXO Executive Committee on August 20, 2014](#), [NAESB Third Party Data Privacy Practices Certification Process as approved by the Certification Program Committee on August 25, 2014](#) and [REQ.22 - Third Party Access to Smart Meter-based Information Model Business Practices \(MBPs\)](#).

Smart Grid Update: On June 1, 2015, the NAESB membership ratified a joint recommendation for 2015 RMQ Annual Plan Items 6.a-6.c. Developed and unanimously adopted by the Energy Services Provider Interface (ESPI) Task Force, the RMQ BPS, the RMQ IR TEIS and the RMQ Glossary Subcommittee – the annual plan item directed the subcommittees to review the REQ.21 ESPI Model Business Practices and the RMQ Electronic Data Interchange (EDI) standards to determine whether modifications were needed to ensure consistency, whether references to REQ.21 should be included in other existing RMQ books, and whether language was needed to differentiate between ANSI X12 EDI and REQ.21. The recommendation was approved by the RMQ Executive Committee on April 29, 2015. The successful collaboration of the RMQ subcommittees on this annual plan item resulted in modifications to Retail Book 8 – Retail Customer Information and Retail Book 5 – Quadrant-Specific Electronic Delivery Mechanism.

By introducing a process and interface that allows for the exchange of a retail customer's energy usage information between their designated data custodian and an authorized third party service provider, the ESPI standard has garnered considerable attention from the industry. The DoE endorsed the NAESB ESPI standard as part of its Green Button initiative, which allows customers to securely download their own detailed energy usage with a simple click of a literal "Green Button" on electric utilities' websites. To date, the adoption of the Green Button standard has increased since the last NAESB newsletter from 48 to 50 utilities and electricity suppliers. Also, from 48 million to over 60 million household and business customers that have access to their Green Button energy data.

For more information, please go to [2015 RMO Annual Plan](#), [2014 RMO Annual Plan](#), [ESPI Task Force Page](#), [Retail BPS Page](#), [RMQ IR TEIS Page](#), [RMQ Glossary Page](#), [Smart Grid Data Privacy Task Force Page](#), [REQ.21 ESPI Model Business Practices](#), [Recommendation for 2015 RMO Annual Plan Item 6.a-6.c \(Redlined\)](#), [Recommendation for 2015 RMO Annual Plan Item 6.a-6.c \(Clean\)](#), [February 23, 2015 Joint ESPI Task Force](#), [RMQ BPS](#), and [Retail IR TEIS Agenda](#), [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [FERC Order No. 676-H](#), [October 3, 2014 FERC Errata to Final Rule](#), [Correspondence From Michael Desselte](#), [July 18, 2013 FERC NOPR on Version 003](#), [NARUC Resolution on Smart Grid Principles and Green Button Page](#).

Update on the Electric Industry Registry (EIR) and e-Tagging Specification: NAESB is pleased to announce that the NAESB EIR will accept the registration of pseudo-ties beginning on June 9, 2015. The registry system administrator, OATI, will update its technical documentation to provide more information to registry users on the pseudo-tie data object and its entry, modifications, and approval.

Established in 2012, the NAESB EIR is a tool that serves as a central repository of information required for transactions that support a wide array of business functions for scheduling transmission service on the wholesale power grid. The NAESB EIR Enhancement Request ER13001 was submitted by the NERC Coordinate Interchange Standards Drafting Team and corresponds to NERC Reliability Standard INT-004-3, Requirement R3, which requires all existing and future pseudo-ties to be registered in the EIR. The effective date for NERC Reliability Standard INT-004-3.1 Requirement R3 is the first calendar day, two calendar quarters after the EIR can accept the registration of pseudo-ties.

Additionally, the e-Tag Specification Version 1.8.2 was implemented on March 31, 2015. This extended implementation period allowed tagging vendors time to perform modifications to downstream systems utilizing registry data in order to ensure a successful and comprehensive implementation. Following the approval of Version 1.8.2 by the WEQ Executive Committee in February 2014, the interoperability testing for the specification was completed on November 13, 2014. The e-Tag Specification Version 1.8.2 supports the implementation of the NAESB Business Practice Standards related to Network Integration Transmission Service (NITS) on OASIS while also accommodating regional business practices of the Western Electricity Coordinating Council (WECC), and allowing for multiple reliability profiles on an electronic tag.

STANDARDS DEVELOPMENT (*continued*)

Update on the Electric Industry Registry (EIR) and e-Tagging Specification (*continued*): This year, the WEQ CISS will determine the modifications needed to WEQ-004 Coordinate Interchange Business Practice Standards, the EIR Business Practice Standards, the e-Tag Specification, and the e-Tag Schema to recognize the Market Operator entity code role within the EIR. Currently within the registry, the Market Operator role is an attribute of Balancing Authorities. An informal comment period on a Market Operator white paper concluded on April 27, 2015. The next WEQ CISS conference calls will be held on June 12, 2015 and June 24, 2015.

For more information, please go to [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [NAESB EIR Page](#), [WEQ CISS Page](#), [ERI3001](#), [ERI3001 Recommendation](#), [Request Form for Enhancement to NAESB EIR, Version 1.8.2 approved by the WEQ Executive Committee on February 18, 2014](#), [Functionality Between e-Tag Versions Document](#), [WEQ-004 Coordinate Interchange Business Practice Standards](#), [Market Operator White Paper](#), [Request for Informal Comments on Market Operator White Paper](#) and [Issues List with MO White Paper 4/29/15](#).

NERC MOD Request Efforts: To initiate discussion surrounding Transmission Providers calculations and posting of ATC, FERC staff hosted an ATC workshop on April 21, 2015. The workshop and the NAESB MOD standards development effort were prompted by the February 10, 2014 filing from NERC to FERC that proposed changes to its ATC-related reliability standards and a parallel standards request submitted to the NAESB office from NERC on February 7, 2014. That standards development request, R14002, requested that NAESB consider the development of standards that support the commercial aspects in the NERC MOD A standards.

In the WEQ Executive Committee MOD Standard Scoping Task

Force recommendation adopted by the WEQ Executive Committee back in August, the task force requested that the WEQ Executive Committee direct the WEQ BPS to consider the forty-one requirements identified by the task force for inclusion as a new suite of standards in the NAESB WEQ Business Practice Standards. The WEQ BPS is currently on track to complete a recommendation for the project by the second quarter of 2015 and recently held an informal comment period that closed on March 16, 2015 for a draft recommendation. Fourteen comments were submitted during the informal comment period. The next WEQ BPS conference call will be held on June 22, 2015.

For more information, please go to [2015 WEQ Annual Plan](#), [2014 WEQ Annual Plan](#), [MOD Standard Scoping Task Force Page](#), [WEQ BPS Page](#), [April 21, 2015 FERC Technical Conference](#), [December 18, 2014 Status Report to FERC](#), [August 25, 2014 Comments to FERC Docket No. RM14-7-000](#), [June 19, 2014 FERC NOPR, R14002](#), [MOD Requirements for Consideration by WEQ BPS](#), [August 19, 2014 WEQ Executive Committee Notes](#), [February 18, 2014 WEQ Executive Committee Notes](#), [WEQ BPS Request for Informal Comments](#), [2015 WEQ Annual Plan Item 1.e/R14002 Draft Recommendation Revised 3/3/15](#), [Contract Path Language Proposals](#), [Comments Submitted by BPA](#), [Comments Submitted by Manitoba Hydro](#), [Comments Submitted by Eugene Water & Electric Board](#), [Comments LG&E/KU Services Company](#), [Comments Submitted by Duke Energy](#), [Comments Submitted by PJM](#), [Comments Submitted by BC Hydro](#), [Joint Comments Submitted on behalf of ERCOT, IESO, PJM, MISO, SPP](#), [Comments Submitted Southern Company Services](#), [Comments on the Contract Path Management Requirement Submitted by Southern Company Services](#), [Comments Submitted by MISO](#), [Comments Submitted by Snohomish County PUD No. 1](#), [Comments Submitted by Los Angeles Department of Water and Power](#), [Late Comments Submitted by TVA](#) and [June 2-3, 2015 WEQ BPS Agenda](#).

NAESB Board Meeting and Board Committees Update: The NAESB Board of Directors held a working session on June 1, 2015 to discuss potential modifications to the 2015 WGQ and WEQ Annual Plans. First, the board discussed a proposal to create an annual plan item addressing the electronic filing protocols for FERC forms in response to the aforementioned April 16, 2015 order. The second proposed revision would create an annual plan item for the consideration of standards development for electronic scheduling, as requested by FERC in Order No. 809. A notational ballot will be circulated to allow the board to determine the direction it will take.

During its May 15, 2015 meeting, the Board Revenue Committee voted to move forward the recommendations of the Membership Stabilization Task Force regarding the clarification of membership for Board consideration in September. The committee began discussing new ways to publish the NAESB wholesale standards that would better support new requirements resulting from a recent Federal Register order and reviewed the current publication dates of the NAESB standards. Additionally, the group reviewed the communication activities within NAESB, the Membership Status Report, the Revenue Report, and the Membership Prospect List.

The Board Strategic Plan Ad Hoc Task Force also held a meeting on May 15, 2015. The conference call focused on the activities of the joint Membership Stabilization Task Force and reviewed issues presented during the April 9, 2015 Board of Directors meeting.

Also on May 15, 2015, the Parliamentary Committee held a planning session to discuss the proper use of the term “majority” as used in a resolution proposing Bylaw modifications to support the removal of Directors in the event of misfeasance, malfeasance and/or nonfeasance. During the April 9, 2015 board meeting, the Parliamentary Committee recommended that the proposed bylaw and NAESB Operating Practices amendments be modified to require majority support of the entire board as a whole, rather than majority support of each quadrant as previously presented. The recommendation was not supported by the board and the committee has been asked to reconsider the modifications and propose an alternative during the next board meeting.

In order to ensure that the request of the board is addressed efficiently and that all alternatives are explored thoroughly, the Parliamentary Committee members determined that they would develop proposals specific to the removal of directors and submit them to

NAESB Board Meeting and Board Committees Update (continued): the NAESB office for posting to the committee website before the next conference call on June 11, 2015. During that call, all proposals will be presented and discussed.

Currently, the term “Majority” is defined in NAESB Bylaw 1.1(k) to mean a simple majority of each of the applicable Quadrants for the purposes of voting; however, the term “majority” is not capitalized in all instances in the NAESB governing documents.

For more information, please go to [June 1, 2015 Board Working Session Announcement and Agenda](#), [May 15, 2015 Board Revenue Agenda](#), [NAESB Communication Strategy](#), [April 30, 2015 Membership Report](#), [Board Roster](#), [Executive Committee Roster](#), [Revenue Work Paper Including Board and Executive Committee Vacancies](#), [Publication Schedules](#), [WGQ Version 3.1](#), [WEQ Version 003.1](#), [RMO Version 3.1](#), [February 2015 Revenue Report](#), [Membership Prospect List](#), [Board Revenue Committee Members](#), [May 15, 2015 Strategic Plan Ad Hoc Task Force Agenda](#), [May 15, 2015 Parliamentary Committee Agenda](#), [June 11, 2015 Parliamentary Committee Agenda](#), [March 3, 2015 Parliamentary Committee Notes](#), [April 9, 2015 Board Meeting Notes](#), [Majority/minority Proposed Resolution](#), [Majority/majority Redlines to NAESB Certificate of Incorporation](#), [Majority/majority Redlines to NAESB Bylaws](#), [Majority/majority Redlines to NAESB Operating Practices](#), [Removal of Directors Proposed Resolution](#), [Removal of Directors Modifications to NAESB Bylaws](#), [Removal of Directors Modifications to NAESB Operating Practices](#), [Parliamentary Committee Page](#), [Board Revenue Page](#), [Board Certification Program Committee Page](#), [Managing Committee Page](#), [NAESB Communications Strategy](#), [NAESB Strategic Plan 2015-2017](#), [NAESB Certificate of Incorporation](#), [NAESB Bylaws](#) and [NAESB Operating Practices](#).

Filings: On May 1, 2015, the FERC issued a Notice of Technical Conference with NAESB in Docket No. AD15-11-000. The technical conference will be held on June 10, 2015 and focus on an April order, *Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms*. That order, issued in the same docket, provided notice to the industry that the Commission intends to replace its current software, Visual FoxPro, with XML data format for many of the forms submitted by the industry, as Visual FoxPro is no longer supported by Microsoft Corporation.

FERC Order No. 809 *Final Rule Coordinating of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities* was issued in Docket No. RM14-2-000 on April 16, 2015. In the final order, the Commission supported the timely, evening, and intraday nomination schedule proposed by NAESB and currently included in the WGQ Version 3.0 Standards. The Commission supported a 9:00 am CCT start to the gas day and has asked NAESB to incorporate consistent modifications into the standards. Additionally, the Commission requested that NAESB consider a standards development effort for electronic scheduling.

In order to inform the Commission of the significant strides made within the PFV project, NAESB filed a status report to FERC in Docket No. EL14-82-000 on March 25, 2015. The filing highlights that the NAESB WEQ Executive Committee approved a recommendation for PFV-related modifications to the NAESB WEQ Business Practice Standards and voted to initiate the full-staffing process. At the conclusion of the full-staffing period and after ratification by NAESB membership, the standards will be provided to the Commission.

For more information, please go to [FERC Notice of Technical Conference with NAESB on June 10 2015](#), [FERC Order No. 809, March 25, 2015 NAESB Status Report to FERC on PFV](#), [January 28, 2015 NAESB Status Report to FERC on PFV](#), [FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms](#) and [NAESB Related Government Activities Page](#).

NAESB Webcast Courses: In a move to provide information regarding recent industry efforts in gas-electric coordination and to support the industry use of the NAESB WGQ contracts, NAESB will host several interactive webcast courses this year. The *NAESB Gas-Electric Harmonization Webcast Course* will take place on June 16, 2015. Through FERC Order No. 809, issued on April 16, 2015 (Docket No. RM14-2-000), the Commission took action on certain proposed NAESB WGQ standards developed in response to the March 20, 2014 FERC NOPR *Coordination of the Scheduling Processes of Interstate Natural Gas Pipelines and Public Utilities*. The *NAESB Gas-Electric Coordination Webcast Course* is designed to provide an overview of the standards developed in response to the NOPR and adopted in the final order, and will highlight the steps NAESB intends to take to support the Commission action.

In order to enhance the utilization of WGQ contracts, on June 10, 2015 and again on December 3, 2015, NAESB will host the *Understanding the NAESB WGQ Contracts Webcast Course*. The webcast course will address recent changes to the NAESB WGQ contracts and provide the participants with a detailed understanding of the components of NAESB contracts.

For more information, please go to [NAESB Primers and Training Courses Page](#), [NAESB Gas Electric Harmonization \(GEH\) Webcast Course – June 9, 2015](#), [NAESB Understanding the NAESB WGQ Contracts Web Cast Course - June 10, 2015](#) and [NAESB Gas Electric Harmonization \(GEH\) Web Cast Course - June 16, 2015](#).

NAESB Quadrant/Segment Membership Analysis:

| | |
|---|--------------------|
| <u>Wholesale Gas Quadrant</u> | 123 Members |
| End Users Segment | 17 |
| Distributors Segment | 19 |
| Pipelines Segment | 43 |
| Producers Segment | 14 |
| Services Segment | 30 |
| <u>Retail Markets Quadrant</u> | 45 Members |
| Retail Electric End Users/Public Agencies Segment | 16 |
| Retail Gas Market Interests Segment | 13 |
| Retail Electric Utilities Segment | 7 |
| Retail Electric Service Providers/Suppliers Segment | 9 |
| <u>Wholesale Electric Quadrant</u> | 146 Members |
| End Users Segment | 12 |
| Distributors Segment | 21 |
| Transmission Segment | 42 |
| Generation Segment | 25 |
| Marketers/Brokers Segment | 26 |
| Non Specified | 1 |
| Independent Grid Operators/Planners Segment | 10 |
| Technology & Services Segment | 9 |
| Total Membership | 314 Members |

Copyright/NAESB Standards Access: As everyone should be aware, NAESB copyrights its work products – a practice used by most standards organizations. The copyrights are considered a subset of intellectual property law, and NAESB retains the rights to publication, reproduction, display and distribution. NAESB members may obtain materials free of charge as part of their benefits, but these benefits do not extend to their agents, affiliates or subsidiaries without prior approval and waivers from the NAESB office. Damages for copyright infringement can be significant, including penalties of \$100,000+, injunction, impounding of materials, seizure of property, and award of punitive damages. At the same time, NAESB is very liberal in its policies towards sharing information, and has granted waivers to regulators and educational institutions depending on the intended use. There is also a process by which anyone can request a three-day waiver to review the work products, as they consider whether they should purchase them. Waivers for longer periods can also be granted depending on use. NAESB’s control of copyrighted material provides a small revenue stream which offsets some of its standards development expenses and thus those of its members in the creation of the work products. More importantly, as entities must come to NAESB for its standards material, it assures that they will have access to the most current version.

For more information, please go to [Copyright, NAESB Materials Order Form](#) or contact Denise Rager (drager@naesb.org) for additional information.

Non-member Access/Participation: For our participants who are non-members, from the NAESB Home Page you can access one of the four quadrant squares – wholesale electric, retail electric, wholesale gas and retail gas, you are directed to the “NAESB Non-member Access: NAESB Committees, Subcommittees and Task Forces” web page, (https://www.naesb.org/nonmember_page.asp). This web page contains a list of links including quadrant work products available and a link to the “NAESB Current Committee Activities” web page, (https://www.naesb.org/committee_activities.asp). The “NAESB Current Committee Activities” web page provides a table sorted by date, and includes all meetings scheduled for the immediate past 30 days, the current day, and the upcoming 30 days and the meeting materials for those meetings. Also for our non-member participants who attend standards development subcommittee or task force meetings either in person or by phone/web cast, there will be a fee charged for attendance. The fee structure is outlined on the web site at the top of the “NAESB Current Committee Activities” page. On this web page, for the subcommittee or task force meetings or conference calls that are specific to standards development efforts, the non-member can access the “non-member RSVP” link for the meeting or group that is of interest and, in doing so will be directed to a web page, “NAESB Non-Member Committee Registration,” for payment information. The information the non-member provides can be for a single meeting or for a full year of meetings. Once submitted an email confirmation is provided to the non-member including an immediate confirmation on the “NAESB Non-Member Committee Registration” web page. If you have already registered, an immediate notification will be displayed and payment will not be processed. Once registered, all access information is provided by email. For meetings that do not have a “Non-member RSVP” link, there is no fee to attend. The agenda and meeting materials for the meeting of interest is accessed from the “NAESB Committee Activities” web page.

For more information, please go to [NAESB Current Committee Activities](#) or contact Denise Rager (drager@naesb.org) for additional information.

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