

# NAESB Bulletin

June - September 2013

Volume 6, Issue 2

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## 2013 Calendar:

### August 2013

08/01 - WEQ OASIS Meeting (Carmel, IN)  
08/06-07 - WEQ JESS Meeting (Holyoke, MA)  
08/08 - WEQ OASIS Conf. Call  
08/08 - WGQ BPS Conf. Call  
08/13 - WEQ JESS Conf. Call  
08/14-15 - WEQ BPS Meeting (Carmel, IN)  
08/19-20 - Retail BPS Meeting (Houston, TX)  
08/20 - WEQ Executive Committee Meeting (Houston, TX)  
08/20-21 - WGQ IR/Tech Meeting (Houston, TX)  
08/21 - Retail IR/TEIS Meeting (Houston, TX)  
08/21 - Retail Executive Committee Meeting (Houston, TX)  
08/21-22 - WEQ OASIS Meeting (Houston, TX)  
08/22 - WGQ Executive Committee Meeting (Houston, TX)  
08/28 - NAESB Monthly Update Conf. Call  
08/29 - WEQ OASIS Conf. Call

### September 2013

09/02 - Holiday - Labor Day (NAESB Closed)  
09/03-04 - WEQ SRS Meeting (Houston, TX)  
09/04 - Retail Leadership Meeting (Houston, TX)  
09/04 - WEQ Leadership Meeting (Houston, TX)  
09/04 - WGQ Leadership Meeting (Houston, TX)  
09/04 - NAESB Board Reception & Dinner (Houston, TX)  
09/05 - NAESB Board of Directors Meeting (Houston, TX)  
09/05 - WEQ PKI Meeting (Houston, TX)  
09/10-11 - WEQ JESS Meeting (Charlotte, NC)  
09/16 - Retail IR/TEIS Conf. Call  
09/17-19 - WGQ IR/Tech Meeting (Cayce, SC)  
09/17-19 - WEQ OASIS Meeting (Seattle, WA)  
09/23 - WEQ SRS Conf. Call  
09/24 - WEQ OASIS Conf. Call  
09/24 - Retail BPS Conf. Call  
09/25 - WEQ BPS Conf. Call

### October 2013

10/02-03 - Understanding the NAESB WGQ Contracts Course  
10/08-09 - WEQ BPS Meeting (Las Vegas, NV)  
10/10 - WEQ SRS Conf. Call  
10/14 - Holiday - Columbus Day (NAESB Closed)  
10/16 - NAESB Monthly Update Conf. Call  
10/21 - Retail IR/TEIS Meeting (Richmond, VA)  
10/21-22 - Retail BPS Meeting (Richmond, VA)  
10/22-23 - WGQ IR/Tech Meeting (Richmond, VA)  
10/22 - WEQ Executive Committee Meeting (Richmond, VA)  
10/23 - Retail Executive Committee Meeting (Richmond, VA)  
10/23-24 - WEQ OASIS Meeting (Richmond, VA)  
10/24 - WGQ Executive Committee Meeting (Richmond, VA)  
10/29-30 - WEQ JESS Meeting (Little Rock, AR)  
10/30 - WEQ OASIS Conf. Call

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## STANDARDS DEVELOPMENT

**Gas-Electric Harmonization:** In an effort to provide certainty to the industry and remove barriers to the sharing of non-public operational information, the Federal Energy Regulatory Commission (FERC) issued a Notice of Proposed Rulemaking (NOPR), *Communication of Operational Information Between Natural Gas Pipelines and Electric Transmission Operators*, in Docket No. RM13-17-000 on July 18, 2013. This NOPR proposes to revise Parts 38 and 284 of FERC Regulations to expressly authorize the exchange of non-public, operational information between electric transmission operators and interstate natural gas pipelines. The NOPR also proposes to adopt a No-Conduit Rule to prohibit recipients of the non-public operational information from subsequently disclosing, or being a conduit for subsequently disclosing, the information to another entity. The NAESB Wholesale Gas Quadrant (WGQ) and Wholesale Electric Quadrant (WEQ) Executive Committees have the NOPR on their August Executive Committees agendas as a discussion item. A review is needed to determine if the order anticipates changes to the standards.

This order follows on the heels of several FERC regional technical conferences during August of 2012 and subsequent additional conferences directed by a November 15, 2012 FERC Order in Docket No. AD12-12-000. The NOPR also took into account reports from the broader technical conferences held from August 6, 2012 to April 25, 2013, including the February 13, 2013 technical conference dedicated to information sharing and communication issues between natural gas and electric power entities.

In addition, the FERC staff presented the latest in a series of reports, *Gas-Electric Coordination Quarterly Report to the Commission*, on June 20, 2013. Similar to previous reports, national and regional initiatives on natural gas and electric coordination were highlighted and the report focused on natural gas and electric scheduling and issues related to whether and how natural gas and electric industry schedules could be harmonized in order to achieve the most efficient scheduling systems for both industries. Additionally, common issues impacting regional transmission organizations and independent system operators related to growing dependence on gas-fired generation, as well as the need to improve situational awareness.

Also, the National Association of Regulatory Utility Commissioners (NARUC) held a panel focused on gas and electric interdependencies as a part of its summer committee meetings. Commissioner Ackerman of Oregon and Commissioner Snitchler of Ohio moderated a panel of representatives from three independent system operators, Southern Company, the Western Interstate Energy Board, and FERC Commissioner Moeller, as they discussed the differing and common approaches taken by organized markets and those outside of organized markets related to coordination. The panelists described how they are engaging key stakeholders in their respective areas to proactively resolve coordination issues. In addition to actively following the activities of external organizations addressing gas-electric harmonization issues, NAESB has been asked to participate in the August 26-27, 2013 Eastern Interconnection States' Planning Council (EISPC) meeting regarding the coordination of the industries. A representative from NAESB will serve as the moderator of the Electric and Natural Gas Industry Panel and also participate as a member of the Electric and Natural Gas End-Users and Industry Associations roundtable. The meeting will be the first face-to-face EISPC on the subject and will be held at the Four Seasons in Chicago, Illinois.

*For more information, please go to [July 18, 2013 NOPR—Communication of Operational Information Between Natural Gas Pipelines and Electric Transmission Operators](#), [FERC Natural Gas-Electric Coordination Page](#), [November FERC Order Directing Further Conferences and Reports](#), [FERC Notice of Request for Comments and February Technical Conference](#), [FERC Notice of April Technical Conference](#), [FERC Notice of May Technical Conference](#), [FERC Staff Gas-Electric Coordination Quarterly Report to the Commission](#), [FERC Staff Gas-Electric Coordination Quarterly Report to the Commission Presentation](#), [NAESB GEH Committee Report September 2012](#), [NAESB GEH Press Release](#), [NARUC Resolution](#) and [Skipping Stone Presentation](#).*

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

STANDARDS DEVELOPMENT *(continued)*

**Update on the Electric Industry Registry (EIR):** Currently NAESB is working with Open Access Technology International, Inc. (OATI) and the Western Electricity Coordinating Council (WECC), to complete Phase 3 of the EIR project, which includes the incorporation of the WECC registry, currently managed through the WECC Interchange Tool (WIT), into the EIR and the retirement of legacy items carried over from the initial Transmission Service Information Network (TSIN) transition from the North American Electric Reliability Corporation (NERC) to NAESB. Additionally as part of Phase 3, the .CSV and .MDB publication file formats will be retired as the EIR supports XML as the sole publication file format. OATI hosted nine online information sessions from May 21, 2013 to June 24, 2013 to provide the industry an opportunity to learn more about the Phase 3 activities. Following these information sessions, parallel operations were initiated with the EIR for WECC Registry users. To support the parallel operations, new functionalities have been created to reflect the needs of WECC Registry users within the EIR. It is expected that parallel operations will continue through the fourth quarter of 2013 and the transition of the WECC Registry into the EIR, which will coincide with the completion of Phase 3 of the EIR project.

The NAESB office has also received its first EIR enhancement request, ER13001, from the NERC Coordinate Interchange Standards Drafting Team (CISDT) on June 13, 2013. The industry request proposes to add a new object to the EIR that allows Balancing Authorities to create pseudo-tie transactions between Source and Sink Balancing Authorities and the affected Transmission Service Provider. Per the NAESB EIR Enhancement Request Process, this request was assigned to the WEQ Joint Electric Scheduling Subcommittee (JESS) where it was addressed in the July 9-10, 2013 conference call. The JESS determined that it was premature to evaluate ER13001, as the NERC standard driving the request, NERC Interchange Standard INT-004-3, has not been finalized. The subcommittee will review the enhancement request again at its December meeting, which takes place after the NERC Board of Trustees is scheduled to vote on NERC Interchange Standard INT-004-3. Once the subcommittee has completed its review, the request and subcommittee recommendation will be processed in accordance with the EIR Enhancement Request Process.

Additionally, on July 10, 2013, the JESS voted out 2013 Annual Plan Item 3.d – Develop Electric Industry Registry Business Practice Standards. The standards are intended to complement the EIR application and define business requirements for those entities that maintain data within the application. The development effort spanned fifteen meetings from

January 10, 2012 to July 10, 2013 and resulted in modifications to WEQ-000 Abbreviations, Acronyms, and Definition of Terms in addition to the standards suite. The recommendation will be reviewed by the WEQ Executive Committee following the conclusion of the 30-day formal comment period on August 12, 2013.

For more information, please go to [NAESB EIR Web Page](#), [WEQ Joint Electric Scheduling Subcommittee Web Page](#), [May 24, 2013 NAESB Phase 3 Announcement](#), [Phase 3 Information Session Presentation](#), [April 22, 2013 NAESB Phase 3 Announcement](#), [October 18, 2012 NAESB EIR Transition Press Release](#), [ER13001](#), [NAESB EIR Enhancement Request Process](#), [NAESB EIR Enhancement Request Form](#), [JESS EIR Recommendation](#), [JESS EIR Request for Comments](#) and [2013 WEQ Annual Plan](#).



**Preemption and Competition:** To date the WEQ OASIS Subcommittee has identified 143 transaction processing issues and requirements that will need to be addressed to formulate the preemption and competition processes. This effort is underway in response to (1) FERC Order No. 890 (Docket Nos. RM05-17-000 and RM05-25-000), (2) the NAESB R05019 standards request, (3) the issues acknowledged to date including the identification of a valid defender and challenger, (4) the determination of the duration of competition, and (5) the analysis of which entities possess the right of first refusal. The subcommittee has worked through 84 issues and requirements to adopt 61 motions in its efforts to complete the project. The project, has a scheduled completion date during the second quarter of 2014.

The preemption process is the act of displacing all or a portion of the transmission capacity of an existing reservation or pending request to accommodate a higher priority (e.g. longer duration, higher price, etc.) request for service with or without Right of First Refusal (ROFR). The competition process addresses the right of first refusal, which allows for, in certain instances, the holder of an existing reservation, known as a defender, to modify its transmission reservation to match the characteristics of the challenger's higher priority request in order to avoid preemption.

After the preemption and competition processes have been formalized for short term firm service, the subcommittee will focus on the preemption and competition processes for non-firm service and the competition processes for long-term transmission service. The OASIS Subcommittee has announced the following face-to-face meetings in the coming months: August 21-22, 2013, September 17-19, 2013, October 23-24, 2013, and November 19-21, 2013. All interested parties are welcome to attend.

For more information, please go to the [FERC Order No. 890](#), [R05019](#), [WEQ OASIS Subcommittee Web Page](#), [2013 WEQ Annual Plan](#) and [April 30, 2013 WEQ OASIS Update Presentation](#).

**NAESB Primers and Training Courses:**

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

[LDC Gas Forums](#)



STANDARDS DEVELOPMENT *(continued)*

***NAESB and NERC Continuing Coordination:*** NAESB staff and the leadership of the WEQ continue to hold monthly calls with NERC staff to ensure that both organizations are supportive to the coordination between the NERC project managers and the NAESB subcommittee co-chairs. During these meetings, the NERC staff and NAESB leadership regularly discuss the status of the items identified for accelerated development in the NERC Reliability Standards Development Plan, the status of the Parallel Flow Visualization (PFV) project, the EIR and any other coordination issues identified by the NERC project managers or NAESB subcommittee co-chairs. A frequent topic of conversation has been NERC Project 2012-05 ATC Revisions (MOD A), which is focused on closing out directives from FERC Order No. 729 with regards to reliability standards for the calculation of Available Transfer Capability (ATC), Capacity Benefit Margins (CBM), Transmission Reliability Margins (TRM), Total Transfer Capability (TTC) and Existing Transmissions Commitments (ETC). An informal group, the MOD A group, within NERC has proposed to reorient the MOD A standards to focus on the reliability-related aspects of the standards. The MOD A group submitted a Standards Authorization Request (SAR) to the NERC Standards Committee on July 3, 2013. The posted SAR proposes to condense MOD-001, -004, -008, -028, -029 and -030. A 45-day formal comment period is open through August 26, 2013. NAESB will continue to monitor the activity of this SAR, which may lead to the submission of a NAESB standards request.

Other activities of the NERC Standards Committee impacting NAESB include the retirement of a number of NERC projects on June 5, 2013. Two retired NERC projects, Project 2009-05 and Project 2010-14.2, were linked to two NAESB 2013 WEQ Annual Plan Items. As a result of the decision to retire the NERC projects, the WEQ Business Practices Subcommittee (BPS) determined that no additional work is required by NAESB on the two coordinating Annual Plan Items, WEQ 2013 Annual Plan Item 1.e and WEQ 2013 AP Item 1.f. The subcommittee voted out two recommendations for no action on the related items on June 19, 2013. The WEQ BPS recommendations were submitted for formal comment periods from June 20, 2013 to July 19, 2013 and will be reviewed by the WEQ Executive Committee during its August meeting.

Additionally, on June 25, 2013, NAESB and NERC executive leadership met face-to-face at the NERC offices to discuss the progress of the coordination efforts between the two organizations. It was agreed that the strategy in place to ensure coordination has been effective and is supporting the strong working relationship between NERC and NAESB. As well as discussing coordination, the leadership also discussed gas-electric coordination, demand response and energy efficiency, cybersecurity efforts and the existing structure of the organizations. NERC and NAESB executive leadership will continue to meet periodically to evaluate the status of coordination efforts.

*For more information, please go to [For more information, please go to 2013 WEQ Annual Plan](#), [FERC Order No. 729](#), [2013 WEQ Annual Plan Item 1.e Recommendation](#), [2013 WEQ Annual Plan Item 1.f Recommendation](#), [WEQ Business Practices Subcommittee Web Page](#) and [NAESB EIR Web Page](#).*

***Parallel Flow Visualization-Transmission Loading Relief (PFV-TLR):*** Since the July 17-18, 2013 meeting, the WEQ BPS participants have been working to resolve all issues raised by the sixteen comments submitted during the February 18 to March 18, 2013 informal comment period in an effort to move forward with a formal recommendation for PFV. The subcommittee has grouped the informal comments received into five categories: Draft Standards, Additional Documents, Testing, Implementation/Cost/Funding, and Coordination with NERC and the Interchange Distribution Calculator (IDC) Association. The subcommittee anticipates a formal recommendation to be voted out during the fourth quarter of 2013. The WEQ BPS will recommend to the WEQ Executive Committee that these standards utilize the full staffing approach which will include a 12-18 month field test of the standards.

During the April 30, 2013 WEQ Executive Committee meeting, the WEQ BPS co-chairs gave a presentation that highlighted the key objectives achieved by the draft PFV recommendation: the reporting of generation to load impacts to the IDC on a real-time basis and a more accurate assignment of relief obligations to entities causing congestion. The draft recommendation includes modifications to WEQ-000, WEQ-001, WEQ-002, WEQ-003, WEQ-004, WEQ-008, WEQ-013 and other documents which have been developed or modified in coordination with members of NERC, the NERC IDC Working Group, and the IDC Association as part of the PFV effort (the NERC Support Document, the IDC User's Manual and the NERC System Data Exchange (SDX) User's Manual). The subcommittee has announced face-to-face meetings on August 14-15, 2013, October 8-9, 2013 and November 13-14, 2013 to continue their efforts.

*For more information, please go to [WEQ BPS Web Page](#), [April 30, 2013 WEQ BPS Presentation](#), [PFV Draft Recommendation](#), [NERC Support Document](#), [IDC User's Manual](#), [NERC SDX User's Manual](#), [Comments Submitted by ISO New England](#), [Comments submitted by MISO](#), [Comments Submitted by We Energies](#), [Comments Submitted by Entergy](#), [Comments Submitted by Basin Electric Power Cooperative](#), [Comments Submitted by Kansas City Power & Light](#), [Comments Submitted by Florida Reliability Coordinating Council](#), [Comments Submitted by North Carolina Electric Membership Corporation](#), [Comments Submitted by NYISO](#), [Comments Submitted by Duke Energy, Part One](#), [Part Two](#), [Part Three](#), [Comments Submitted by Southern Company](#), [Comments Submitted by Westar Energy, Inc.](#), [Supplemental Comments Submitted by Westar Energy, Inc.](#), [Comments Submitted by Southwest Power Pool](#) and [Comments Submitted by Tennessee Valley Authority](#).*

STANDARDS DEVELOPMENT *(continued)*

**Public Key Infrastructure (PKI) and Authorized Certification Authorities (ACA) Update:** On July 18, 2013, the FERC proposed to incorporate by reference the NAESB WEQ Business Practice Standards Version 003, including the WEQ-012 PKI Standards. The PKI Standards were filed with the FERC (Docket Nos. RM05-5-000, et al.) on January 29, 2013 and followed the original submission of the WEQ Version 003 Standards on September 18, 2012. Between the submission of the Version 003 Standards and the PKI Standards, a status report was filed on November 30, 2012 informing the FERC of actions taken by NAESB related to the PKI standards development effort to date. The PKI Standards address the security structure for commercial transactions in the electric industry, such as e-Tagging, the EIR, and electronic scheduling on the Open Access Same-Time Information Systems (OASIS). The standards are supported by the NAESB Accreditation Requirements for Authorized Certification Authorities (“Accreditation Specification”) which, although not a business practice standard, identifies the requirements of the certificates issued by a NAESB ACA. Also supporting the standards and the Accreditation Specification, is the NAESB ACA Process, which defines the procedure by which certificate authorities become authorized by NAESB. All three documents work together to encapsulate the NAESB ACA Program.

Prior to proposed adoption of the PKI Standards in the FERC NOPR, the PKI Subcommittee held a series of meetings beginning in February 2013 to address 2013 WEQ Annual Plan Item 4.a.ii which calls for the review of the August 27, 2012 FERC Report, *Report on Use of North American Energy Standards Board Public Key Infrastructure Standards* (Docket No. EL12-86-000). Over the course of several meetings which focused on evaluating the twenty-year maximum lifespan for root keys in the Accreditation Specification as requested by the FERC Report, the subcommittee developed a draft work paper to serve as a basis for a recommendation to the Executive Committee. The work paper recommended that no action be taken to shorten the existing maximum lifetime of the root keys within the certificates, which was determined to be consistent with the National Institute of Standards and Technology Interagency Report 7628 (NISTIR 7628) and other international standards, including the Internet Engineering Task Force (IET) standard. At the request of the subcommittee chair, the work paper was distributed for an informal comment period, beginning on April 16, 2013 and ending on April 30, 2013, to seek a broader industry perspective on the validity period of root keys. At the conclusion of the informal comment period, the subcommittee voted out a recommendation of no action during its May 16, 2013 meeting. A formal industry comment period was held from May 20, 2013 to June 19, 2013. There were no comments received during the formal comment period. The WEQ Executive Committee will consider the recommendation during its August 2013 meeting.

As part of 2013 WEQ Annual Plan Item 4.a.i., the PKI Subcommittee will also undertake a review of standards to support adequate session encryption- Secure Sockets Layer and Transport Layer Security (SSL/TLS) issues. Future PKI meetings will address the 2013 WEQ Annual Plan Item 4.a.iii which requires the subcommittee to review the accreditation requirements for ACAs to determine if any changes are needed to meet market conditions at least once a year. As of July 2013, four entities have submitted affidavits and achieved the status of NAESB ACA- OATI, Systrends, Shift Systems, LLC and GMO GlobalSign Inc. The next PKI Subcommittee meeting will be held on September 5, 2013 and all interested parties are welcome to attend. It is expected that a list of additional standards development efforts related to PKI will be identified in this meeting.

*For more information, please go to [July 18, 2013 Notice of Proposed Rulemaking, NAESB WEQ Version 003 FERC Filing](#), [NAESB Status Report to FERC, January 29, 2013 Supplemental FERC Filing](#), [2013 WEQ Annual Plan](#), [2012 WEQ Annual Plan, August 21, 2012 WEQ EC Final Meeting Minutes](#), [JESS Subcommittee e-Tagging Final Action, Part 1](#), [JESS Subcommittee e-Tagging PKI Recommendation, Part 2](#), [OASIS PKI Final Action](#), [PKI Subcommittee Final Action](#), [WEQ PKI Subcommittee Web Page](#), [FERC Report on Use of North American Energy Standards Board Public Key Infrastructure Standards](#), [PKI Subcommittee Work Paper for 2013 Annual Plan Item 4.a.ii](#), [PKI Request for Informal Comments on 2013 Annual Plan Item 4.a.ii](#), [Informal Comment Received by OATI](#), [Request for Formal Comments on 2013 Annual Plan Item 4.a.ii](#), [PKI Recommendation on 2013 Annual Plan Item 4.a.ii](#), [NAESB Authorized Certification Authority Process](#), [Board Certification Program Committee Web Page](#), [NAESB Accreditation Requirements for Authorized Certification Authorities](#), [Independent Authorized Certification Authorities](#), [NAESB Wholesale Electric Market Cybersecurity Standards Fact Sheet](#), [NIST Request for Information](#), [NAESB Response to NIST Request for Information](#) and [Notification to North American Electric Reliability Corporation](#).*

**Data Privacy:** Since the last Data Privacy Task Force meeting held in Austin, Texas on February 25, 2013, the task force has remained inactive as it awaits the results of the Department of Energy’s (DoE) voluntary code of conduct effort. The DoE Federal Smart Grid Task Force effort was established under Title XIII of the Energy Independence and Security Act of 2007. The federal task force has begun efforts to develop a voluntary code of conduct that will focus on data privacy for utilities and third parties providing consumer energy use services. As the NAESB data privacy model business practices are applicable to both distribution companies and third parties that maintain and distribute smart meter based information, there is opportunity for significant overlap between the NAESB standard and the code of conduct developed by the DoE.

*For more information, please go to [Smart Grid Data Privacy Task Force Web Page](#), [Federal Smart Grid Task Force Web Page](#) and [2013 Retail Annual Plan](#).*

STANDARDS DEVELOPMENT *(continued)*

**Cybersecurity:** In response to the February 12, 2013 Executive Order, the National Institute of Standards and Technology (NIST) has a posted *Draft Outline-Preliminary Framework to Reduce Cyber Risks to Critical Infrastructure, July 1, 2013*. The draft framework was produced for discussion purposes at upcoming workshops and to encourage further private sector input before NIST publishes the final framework, scheduled to be completed in October of 2013. The high-level framework assists executives, managers, and staff in understanding and assessing the cybersecurity capabilities, readiness, and risks of their organization. Throughout the development of the framework, NIST has hosted Cybersecurity Framework Workshops in order to gather additional input. The next workshop will be held at the University of Texas at Dallas on September 11-13, 2013. Details are available on the NIST Cybersecurity Framework web page. To support the NIST effort, NAESB submitted two cybersecurity fact sheets to the Department of Commerce, *NAESB Wholesale Electric Market Cybersecurity Standards Fact Sheet* and *NAESB Wholesale Natural Gas Market Cybersecurity Standards Fact Sheet*. The fact sheets were submitted on April 8, 2013 as general comments in response to the February 26, 2013 request for information from the Department of Commerce through NIST. The fact sheets provide, in simplified terms, a description of the NAESB cybersecurity related standards, how they are used, and how they affect the wholesale markets for both natural gas and electricity.

The NIST framework is one of many directives being addressed by Executive Branch offices in response to Executive Order, *Improving Critical Infrastructure Cybersecurity*, issued on February 12, 2013. The Executive Order cited cyber threats to critical infrastructure as “one of the most serious national security challenges” that the United States must confront and included a directive to NIST that the Cybersecurity Framework “shall incorporate voluntary consensus standards and industry best practices to the fullest extent possible” and “identify areas for improvement that should be addressed through future collaboration with particular sectors and standards-developing organizations.”

In addition to following the cybersecurity efforts supporting the Executive Order, NAESB has also contacted the DoE regarding recent communications regarding a Sandia National Laboratories surety assessment of the NAESB technical standards. The assessment would include the natural gas and electric technical standards - which include all cybersecurity based standards and procedures - and interdependency of the technical standards. Sandia National Laboratories has conducted surety assessments on the Gas Industry Standards Board (GISB)/NAESB Business Practice Standards twice in the past, but this request would mark the first time that the gas and electric standards would be assessed as a cohesive and interrelated suite of standards.

NAESB would like to thank both the DoE and Sandia National Laboratories for their support in ensuring that the NAESB standards provide a strong electronic foundation for the necessary commercial transactions of the natural gas and electricity markets.

*For more information, please go to [Executive Order 13636- Improving Critical Infrastructure Cybersecurity, Draft Outline-Preliminary Framework to Reduce Cyber Risks to Critical Infrastructure of a preliminary cybersecurity framework, July 1, 2013](#), [NIST Cybersecurity Framework Web Page](#), [NAESB Wholesale Electric Market Cybersecurity Standards Fact Sheet](#), [NAESB Wholesale Natural Gas Market Cybersecurity Standards Fact Sheet](#), [NIST Request for Information](#) and [NAESB Response to NIST Request for Information](#).*

**Smart Grid:** NAESB has been coordinating with the Ontario Ministry of Energy (Ministry) to help facilitate the participation of seventy-seven Ontarian utility companies in the Ontario Green Button initiative. NAESB was contacted by the Ministry regarding use of the NAESB REQ.21 Energy Services Provider Interface Standard (ESPI standard) as part of their Green Button “Download My Data” and “Connect My Data” initiatives. The ESPI standard will be used within a reference architecture guidance document outlining an implementation of the Green Button application. The purpose of the ESPI standard is to create a standardized process and interface for the exchange of a retail customer’s energy usage information between their designated data custodian, i.e. utility, and an authorized third party service provider. The standards provide a consistent method for the authorization of third party access to retail consumer’s usage information and a standardized interface for the exchange of the information that will support the development of innovative products. The Green Button initiative is intended to provide electricity customers with easy access to their energy usage data in a consumer-friendly and computer friendly format via a “Green Button” on electric utility websites. NAESB has been working with the Ministry to facilitate access to the NAESB ESPI standard and provide the reference architecture to utilities that have purchased the ESPI standard.

In the United States, the White House Office of Science and Technology Policy and Council on Environmental Quality in conjunction with the Silicon Valley Leadership Group, hosted a Green Button Developer Day on Thursday July 18, 2013. Individuals and organizations were invited to join White House officials and participating companies in a discussion concerning the potential of the Green Button initiative to drive pioneering products and services in the industry. The Green Button Developer Day builds upon the White House call-to-action to provide customers with easy-to-understand data about their energy use, in a standard data format.

*For more information, please go to [ESPI Standard Web Page](#), [White House Call-to-Action](#) and [NARUC Resolution on Smart Grid Principles](#).*

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**Wholesale Gas Quadrant (WGQ) Publication:** NAESB WGQ Business Practice Standards, Version 2.1 was published on April 30, 2013 and filed with the FERC on July 23, 2013 in Docket Nos. RM96-1, et al. The standards referenced in the submittal include newly created standards and modifications to existing standards developed through the NAESB standards development process or the NAESB minor correction process. The NAESB WGQ Business Practice Standards, Version 2.1 includes modifications to Additional Standards, Nominations Related Standards, Quadrant Electronic Delivery Mechanism Standards, and the Capacity Release Standards. The publication also includes standards modifications to support the elimination of location common codes in order to return the industry to the utilization of pipeline proprietary codes.

The updates reflect 82 separate items- 36 are final actions and 46 are minor corrections, many of which are code value changes. Version 2.1 provides 10 new standards, 23 revised standards, and 41 data sets, among other modifications. The previous version, NAESB WGQ Business Practice Standards, Version 2.0 was published on November 30, 2010. Version 2.1 is now available for industry purchase and use. NAESB members have access to NAESB work products as part of the benefits of membership. Non-members may purchase the standards by visiting the NAESB web page, [www.naesb.org](http://www.naesb.org), or completing the [NAESB Material Order Form](#).

For more information, please go to [NAESB Business Practice Standards Version 2.1](#), [Version 2.1 Filing](#), [Version 2.1 Corrected Filing](#), [Version 2.1 Filing- Errata Notice](#), [Version 2.0 Filing](#), and [Final Actions to create Version 2.1](#).

**Filings:** The FERC issued the NOPR, *Standards for Business Practices and Communication Protocols for Public Utilities* in Docket No. RM05-5-022 on July 18, 2013. The NOPR proposes to incorporate by reference the NAESB WEQ Business Practice Standards Version 003, with certain exceptions. Version 003 was submitted to the Commission on September 18, 2012 in Docket No. RM05-5, et al. and was followed by subsequent updates to the WEQ-012 PKI Standards submitted on January 29, 2013. The standards contained within the two filings marked a development period from March 2009 to July 2012.

Published on July 30, 2012, Version 003 contains close to one thousand new standards and many modified standards. The work product supports actions identified in FERC Order Nos. 890, 890-A, 890-B and 890-C, including the standards to support Network Integration Transmission Service (NITS) on OASIS and the previously filed standards to support Service Across Multiple Transmission Systems (SAMTS). Also included are the modifications to the OASIS Standards that support FERC Order Nos. 676, 676-A, 676-E and 713. The Coordinate Interchange Standards are integrated to complement the updates to the e-Tag Specifications and modifications were made to the gas-electric coordination standards to provide consistency between the two markets. Demand-side management and energy efficiency and smart grid-related standards are also encompassed in the new version. Industry comments are to be provided to the FERC by September 24, 2013. In the NOPR, industry comments were specifically requested on NAESB WEQ Standard No. 106.2.5 which “appears to contemplate a Transmission Provider refusing a request to terminate a secondary network service” and WEQ-001-14.1.3/WEQ-001-15.1.2, related to the time period for posting ATC narratives. The FERC acknowledged that modifications consistent with the Green Button initiative within WEQ-019 Customer Energy Usage Information Communication were ratified by NAESB membership on March 21, 2013 and also invited comment from the industry on whether the version contained in Version 003 or the most recent version, ratified by NAESB membership on March 21, 2013, should be incorporated by reference into the regulations.

For more information, please go to [July 18, 2013 FERC NOPR](#), [September 18, 2012 Version 003 Filing](#), [January 29, 2013 FERC Filing](#), [Federal Register Notice of Version 003 NOPR](#), [WEQ-019 Final Action](#), [FERC Order No. 890](#), [FERC Order No. 676](#), [FERC Order No. 713](#), [May 6, 2013 NAESB Web Site Announcement](#), [Frequently Asked Questions on Participation in NAESB Standards Development Subcommittees and Use of the NAESB Web Site](#), [NAESB Copyright Filing to FERC](#) and [NAESB Government Activities Web Page](#).

### NAESB Home Page Access:

Employees of a NAESB member company can request NAESB Home Page Access (user id and pass code) to log in at the upper right hand corner of the NAESB home page to access the member protected areas of our website. This is a benefit of membership and is issued on an individual basis. To request NAESB Home Page Access, complete the [request form](#) posted on the NAESB Home Page and return it to the NAESB office by fax 713-356-0067 or email to [drager@naesb.org](mailto:drager@naesb.org) for processing.

If you have any questions, please call the NAESB office at 713-356-0060 or email [drager@naesb.org](mailto:drager@naesb.org).

***Changes to NAESB Website and Non-member Attendance Fee:***

As previously announced, changes to the NAESB website to delineate member from non-member access are in effect as of June 3, 2013. For non-members, there is a fee charged and an automated response to indicate attendance at NAESB meetings. A document entitled *Questions and Answers on Web Site Changes and Changes for Non-Member Participation in Standards Development Subcommittees and Task Forces* has been posted on the NAESB website to provide background and context as well as to answer typical questions that may arise.

Members will log in at the upper right hand corner of the NAESB home page, where you will be asked for your NAESB User ID and pass code. If you do not remember your NAESB User ID and pass code, please call the NAESB office (713-356-0060).

For non-member participants, when you access one of the four quadrant squares – wholesale electric, retail electric, wholesale gas and retail gas, you will be directed to the “NAESB Non-member Access: NAESB Committees, Subcommittees and Task Forces” web page. This web page contains a list of links including quadrant work products available and a link to the “NAESB Current Committee Activities” web page. The “NAESB Current Committee Activities” web page provides a table sorted by date, and includes all meetings scheduled for the immediate past thirty days, the current day, and the upcoming thirty days and the meeting materials for those meetings.

Non-members who attend standards development subcommittee or task force meetings either in person or by phone/web cast, will be charged a fee for attendance. The fee structure is outlined on the web site at the top of the “NAESB Current Committee Activities” page. On the 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 Current Committee Activities” web page.

The Parliamentary Committee recommended that NAESB develop Terms and Conditions for use of the NAESB website. The Terms and Conditions were considered by the Parliamentary Committee during its June 13, 2013, June 28, 2013, and July 3, 2013 meetings and after no adverse comments were raised by the Parliamentary Committee, they were posted on the NAESB website.

For more information, please go to [May 6, 2013 Announcement of NAESB Web Site Changes on June 3, 2013](#), [Frequently Asked Questions on Participation in NAESB Standards Development Subcommittees and Use of the NAESB Web Site](#), [NAESB Current Committee Activities Page](#), [NAESB Membership Report and Stats](#), [NAESB Membership Form](#) and [NAESB Terms and Conditions](#).

***NAESB Board of Directors Update:*** To further protect NAESB’s copyright interest in its work products, several Board Committees have met over the last few months to develop recommendations that will strengthen NAESB policies and practices surrounding the NAESB copyright. Following discussion at the April 4, 2013 Board of Directors meeting, the Parliamentary Committee held a series of meetings from May to July to discuss and consider potential NAESB Bylaw and policy changes intended to clarify the existing NAESB copyright policy. On June 28, 2013, the Parliamentary Committee voted to approve modifications to the Bylaws that include a new term and article to further cover contributions made by meeting participants during standards development activities. The language will be reviewed and discussed at the upcoming September Board of Directors meeting for approval.

Coupled with the efforts to support NAESB copyright policies, the Parliamentary Committee recommended that NAESB develop Terms and Conditions for use of the NAESB website. The Terms and Conditions were considered by the Parliamentary Committee during its June 13, 2013, June 28, 2013, and July 3, 2013 meetings and after no adverse comments were raised by the Parliamentary Committee, they were supported by the Managing Committee and have been posted on the NAESB website.

As noted in the previous newsletter, the NAESB Board of Directors approved the Irrevocable, Self-Executing, Limited Waiver of NAESB Copyright for NAESB Members and Non-Member Purchasers of NAESB Standards and the NAESB Copyright Procedure Regarding Member and Purchaser Self-Executing Waiver, as presented by the Revenue Committee on April 4, 2013. The waiver is provided on the NAESB website and is available to members and those purchasing the NAESB standards. Any questions concerning the waiver or the NAESB copyright policy should be directed to the NAESB office.

For more information, please go to [NAESB RSRC Report, Part One](#), [NAESB RSRC Report, Part Two](#), [April 4, 2013 Board of Directors Draft Minutes](#), [NAESB Bylaws](#), [Managing Committee’s Proposed Changes to NAESB Bylaws](#), [March 27, 2013 Managing Committee Meeting Notes](#), [NAESB Report to FERC on Copyright Policy](#), [Copyright Waiver](#), [Copyright Waiver Procedure](#), [May 15, 2013 Parliamentary Committee Meeting Minutes](#), [June 13, 2013 Parliamentary Committee Meeting Minutes](#), [June 28, 2013 Parliamentary Committee Draft Meeting Minutes](#), [Parliamentary Committee Consideration on NAESB Website Terms and Conditions due July 15, 2013](#), [Managing Committee Consideration on NAESB Website Terms and Conditions due July 15, 2013](#), [Correspondence from Michael Desselle](#), [NAESB Material Order Form](#) and [NAESB Terms and Conditions](#).

**FileOpen Publisher3 Software:** To support non-member access to protected NAESB work products, NAESB offers FileOpen Publisher3, a document viewer software which will allow evaluations of the work products at no cost to the requestors. We provide this access in recognition that either: (1) non-members may need an abbreviated review of work products prior to purchase, or (2) non-members would review the standards as they prepare comments to regulated entities, although the non-members would not use the standards for any commercial purposes, or as they operate in the wholesale or retail natural gas or electric markets.

Non-member requests for evaluation are governed by the following rules:

- The review, considered a limited waiver, extends for three or sixty business days based on the purpose of the review, and the request for a limited waiver cannot be repeated for a given company and requested set of standards or final actions.
- The limited waiver is granted for evaluation or commenting purposes only.
- Once access to the protected documents is established, the access is restricted to viewing – it does not extend to printing or copying.
- The protected work products provided under the waiver should not be reproduced, adapted, displayed, distributed or shared in any manner.

To access the work product(s):

- Contact the NAESB office and request the specific version of standards or final actions.
- In order to evaluate the requested set of standards or final actions, there are two steps: (1) installing the PDF Secure Viewer, and (2) registering.
- Ms. Rager ([drager@naesb.org](mailto:drager@naesb.org), 713-356-0060) from the NAESB office can provide support in both steps.

If you are not a member of NAESB and would like to use NAESB final actions or published standards for other than the purposes noted above, please contact the NAESB office at 713-356-0060 or [naesb@naesb.org](mailto:naesb@naesb.org) for permission. Of course, non-members can [purchase the work products](#). As stated earlier, members have access to the work products as part of the benefits of membership.

We hope that this product is helpful to non-members in expanding the access to the work products and providing a tool for evaluation.



**NAESB Quadrant/Segment Membership Analysis:**

<b>Wholesale Gas Quadrant</b>	<b>120 Members</b>
End Users Segment	15
Distributors Segment	16
Pipelines Segment	45
Producers Segment	14
Services Segment	30
<b>Retail Energy Quadrant</b>	<b>42 Members</b>
Retail Electric End Users/Public Agencies Segment	14
Retail Gas Market Interests Segment	13
Retail Electric Utilities Segment	7
Retail Electric Service Providers/Suppliers Segment	8
<b>Wholesale Electric Quadrant</b>	<b>135 Members</b>
End Users Segment	9
Distributors Segment	20
Transmission Segment	41
Generation Segment	23
Marketers/Brokers Segment	24
Non Specified	1
Independent Grid Operators/Planners Segment	9
Technology & Services Segment	8
<b>Total Membership</b>	<b>297 Members</b>

**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 Material Order Form](#) or contact Denise Rager ([drager@naesb.org](mailto:drager@naesb.org)) for additional information.