| **NORTH AMERICAN ENERGY STANDARDS BOARD****2016 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT Adopted by the Annual Plan Subcommittee on October 16, 2015** |
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|  | **Item Description** | **Completion[[1]](#endnote-1)** | **Assignment[[2]](#endnote-2)** |
| **1.** | **Develop business practices standards as needed to complement reliability standards** |
|  | Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:  |
|  | a) | Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution[[3]](#footnote-1)Note: Consideration should be given to provisional item 2.a. Work is being coordinated with the IDC Association.Status: Full Staffing | TBD | BPS |
|  | b) | Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation.[[4]](#footnote-2)Status: Full Staffing | TBD | BPS |
|  | c) | Disturbance Control Standard (DCS) (BAL-002) Coordination with NERC [Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves](http://www.nerc.com/pa/Stand/Pages/Project2010-14-1-Phase-1-of-Balancing-Authority-RBC.aspx)Status: Monitor | TBD | BPS/TIMTF |
|  | d) | Revise TLR level 5 to be treated similarly to TLR Level 3 in terms of treating the next hour allocation separately from that of current hour. ([R11020](http://www.naesb.org/pdf4/r11020.doc))Status: Full Staffing | TBD | BPS |
|  | e) | Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-0)Status: Monitor | TBD | BPS/TIMTF |
| **2.** | **Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)[[5]](#footnote-3)** |
|  | a) | Develop version 3 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers.Status: UnderwayRequest R05004 was expanded to include the [Order No. 890 (Docket Nos.RM05-17-000 and RM02-25-000)](http://www.naesb.org/doc_view4.asp?doc=ferc041107.pdf), ([Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](http://www.naesb.org/doc_view2.asp?doc=ferc122807.pdf)), and [Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)](http://www.naesb.org/pdf3/ferc062308_order890b.doc) “Preventing Undue Discrimination and Preference in Transmission Services”  |
|  |  | i) | Group 4: Preemption; Request No. [R05019](http://www.naesb.org/pdf2/r05019.doc) (Part of Preemption and Competition) |
|  |  |  | 1. Short-Term Firm Preemption and Competition
 |
|  |  |  | Status: Started | 2016 | OASIS |
|  |  | ii) | Group 6: Miscellaneous (Paragraph 1627[[6]](#footnote-4) of FERC Order No. 890) |
|  |  |  | 1. Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments

Status: Started | TBD  | OASIS/BPS |
|  |  |  | 1. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.

Status: Started | TBD  | OASIS/BPS |
| **3.** | **Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling** |
|  | a) | Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include: |
|  |  | i) | Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS ([R05026](http://www.naesb.org/pdf2/r05026.doc)).Scoping [statement](http://www.naesb.org/pdf2/weq_srs112006a1.doc) completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below: |
|  |  |  | 1) | Enhance the TSR result postings to allow showing of (i) limiting transmission elements and (ii) available generation dispatch options that would allow acceptance of reservation request.Status: Started | TBD | OASIS/BPS |
|  | b) | Requirements for OASIS to use data in the Electric Industry Registry ([R12001](http://www.naesb.org/pdf4/r12001.doc))Status: Not Started | TBD | OASIS |
| **4.** | **Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.** |
|  | a) | Develop modifications for WEQ-012 as needed to reflect current market conditions |  |  |
|  |  | i) | Review annually at a minimum, the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions.[[7]](#footnote-5)Status: Not Started | 2016 | Cybersecurity Subcommittee |
|  | b) | Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specificationsStatus: Not Started | 2016 | Cybersecurity Subcommittee/ CISS |
|  | c) | Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards[[8]](#footnote-6) and any other activities of the FERC related to cybersecurity.Status: Not Started | 2016 | Cybersecurity Subcommittee |
| **5** | **Maintain existing body of Version 3.x standards** |
|  | a) | Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ([R09003](http://www.naesb.org/../pdf4/r09003.doc))Status: Started | 2016 | OASIS |
|  | b) | Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ([R09015](http://www.naesb.org/pdf4/r09015.doc))Status: Started | 2016 | OASIS |
|  | c) | Improve transparency to allow customers to determine whether they have been treated in a non-discriminatory manner by posting of additional information on OASIS when service is denied (i.e. refused or declined) by customer(s) using new SAMTS process across multiple transmission systems to serve their NITS load on multiple systems. ([R12006](http://www.naesb.org/pdf4/r12006.doc))Status: Started | TBD | OASIS/BPS |
|  | d) | Review and modify as necessary WEQ-004, EIR Business Practice Standards, e-Tag Specification, and e-Tag Schema to make the necessary modifications to recognize the Market Operator Role within the Electric Industry RegistryStatus: Started | 2016 | CISS |
| **6.** | **Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)[[9]](#footnote-7)** |
|  | a) | Develop business practices as needed to support electronic filing protocols for submittal of FERC FormsStatus: Started | TBD | Joint WEQ/WGQ FERC Forms Subcommittee |
| **7.** | **Gas-Electric Coordination** |
|  | a) | Review FERC Order No. 809 ¶ 107 issued in Docket No. RM14-2-000[[10]](#footnote-8) regarding computerized scheduling and provide recommended direction concerning the development of standards or modifications to existing standards as needed to support the request of the Commission[[11]](#footnote-9) The recommended direction will require board approval, for both the timeline to be pursued and the framework for standards developmentStatus: Not Started, and ***planning not to be started before 2016*** | 2016 | Gas-Electric Harmonization Forum, NAESB Board of Directors, WEQ EC & WGQ EC |
|  | b) | Resulting from the efforts of annual plan item 9(a), develop standards as needed and directed by the Board of Directors, which are specifically assigned to the WEQ Status: Not Started, dependent on completion of item 9(a). | 2016 | WEQ EC and relevant subcommittees |

| **NORTH AMERICAN ENERGY STANDARDS BOARD2015 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT As Proposed by the WEQ Annual Plan Subcommittee** |
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| **PROVISIONAL ITEMS** |
| 1. |  | **Gas/Electric Coordination** |
|  | a) | Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC. |
|  |  |  |
| 2. |  | **Optional Work to Extend Existing Standards** |
|  | a) | Prepare recommendations for future path for TLR[[12]](#footnote-10) (Phase 2) in concert with NERC, which may include alternative congestion management procedures[[13]](#footnote-11). Work on this activity is dependent on completing 2010 WEQ Annual Plan 1.a (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection - Phase 1). |
|  | b) | Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers. Common code usage is linked to the transition of the Registry from NERC to NAESB. |
|  |  |  |
| 3. |  | **Pending Regulatory or Legislative Action** |
|  | a) | Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology. |
|  | b) | Develop business practice standards for cap and trade programs for greenhouse gas. |
|  | c) | Develop standards as needed based on FERC Order No. 1000. ([NAESB Analysis of FERC Order No. 1000](http://www.naesb.org/pdf4/ferc_order1000_100311mn.doc)) |
|  | d) | Develop standards as needed in support of Variable Energy Resources (VERs) final order (RM10-11-000). ([NAESB Comments 3-2-11](http://www.naesb.org/pdf4/naesb_comments_ver_integration_nopr_030211.pdf), [FERC NOPR RM10-11-000](http://www.naesb.org/pdf4/ferc_111810_vers_nopr.doc), [FERC Final Order No. 764, Docket No. RM10-11-000](http://www.ferc.gov/whats-new/comm-meet/2012/062112/E-3.pdf)[[14]](#footnote-12)) |
|  | e) | Develop and/or modify Demand Response Standards as needed in response to the Supreme Court decisions regarding the final D.C. Circuit ruling on FERC Order No. 745 |

**Wholesale Electric Quadrant Executive committee and Subcommittee Structure**

Wholesale Electric Quadrant

Executive Committee (WEQ EC)

Standards Review Subcommittee (SRS)

Interpretations Subcommittee

OASIS Subcommittee

Coordinate Interchange Scheduling Subcommittee (CISS)

Scoping

Development

Cybersecurity Subcommittee

RMQ/WEQ DSM-EE Subcommittee

Business Practices Subcommittee (BPS)

WEQ/RMQ Smart Grid Standards Subcommittee (\*\*)

WEQ/RMQ PAP 10 Smart Grid Standards Subcommittee (\*\*\*)

FERC Forms Subcommittee

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

Executive Committee (EC): Kathy York (Chair) and Bob Harshbarger (Vice Chair)

Standards Review Subcommittee (SRS): Rebecca Berdahl

Interpretations Subcommittee: Ed Skiba

Business Practices Subcommittee (BPS) & Time and Inadvertent Management Task Force (TIMTF): Jason Davis, Ross Kovacs, Narinder Saini

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

Coordinate Interchange Scheduling Subcommittee (CISS): Bob Harshbarger, Joshua Phillips

Cybersecurity Subcommittee: Jim Buccigross

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

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

Inactive Subcommittees:

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

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

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

1. **End Notes WEQ 2015 Annual Plan:**

 Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan. [↑](#endnote-ref-1)
2. The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document. [↑](#endnote-ref-2)
3. [↑](#footnote-ref-1)
4. In some sections of WEQ-008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection. [↑](#footnote-ref-2)
5. FERC Order No. 890, issued February 16, 2007, can be accessed from the following link: <http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc>. [↑](#footnote-ref-3)
6. Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider’s own retail loads), and the duration of the curtailment. This information is in addition to the Commission’s existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission’s Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider’s system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time. [↑](#footnote-ref-4)
7. The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: <http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx>. [↑](#footnote-ref-5)
8. <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx> [↑](#footnote-ref-6)
9. The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: <https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf> [↑](#footnote-ref-7)
10. FERC Order No. 809 can be found through the following hyperlink: <https://www.ferc.gov/whats-new/comm-meet/2015/041615/M-1.pdf> [↑](#footnote-ref-8)
11. FERC Order No. 809 ¶107. While NAESB’s modified standards represent an improvement over the currently effective standards, we continue to recognize that additional intraday nomination opportunities could promote more efficient use of existing pipeline infrastructure and provide additional operational flexibility to all pipeline shippers, including gas-fired generators. The modified NAESB standards reflect reduced intraday processing times from the current NAESB standards (i.e., three hours instead of the current four hours), and existing operational limitations, including the manual processes utilized by pipelines for processing nominations, may affect the ability of the gas industry to add additional standard nomination cycles applicable to all shippers. However, the use of computerized scheduling would appear to provide an opportunity for faster and more frequent scheduling of intraday nominations for those shippers and their confirming parties willing to commit to scheduling electronically. We request that gas and electric industries, through NAESB, explore the potential for faster, computerized scheduling when shippers and confirming parties all submit electronic nominations and confirmations, including a streamlined confirmation process if necessary. Providing such an option would enable those entities that need greater scheduling flexibility to have their requests processed expeditiously. [↑](#footnote-ref-9)
12. Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1. [↑](#footnote-ref-10)
13. For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: <http://www.naesb.org/pdf3/weq_aplan102907w1.pdf>. [↑](#footnote-ref-11)
14. For FERC Final Order No. 764, Docket No. RM10-11-000, specifically paragraph nos. 146 and 182 should be reviewed:

146. The Commission concludes that an independent review of NERC standards and NAESB business practices is not necessary prior to the implementation of intra-hour scheduling. As noted by NERC, several entities currently offer intra-hour scheduling without any apparent conflict with Reliability Standards. NERC comments that it does not believe there are any existing standards that prohibit industry from implementing intra-hour scheduling, and no commenters have pointed to specific NAESB business practices that prevent industry from implementing intra-hour scheduling. The Commission therefore concludes that it is not necessary to delay adoption of the intra-hour scheduling requirements of this Final Rule pending further review of NERC Reliability Standards and NAESB business practices. To the extent industry believes it is beneficial to refine one or more existing NERC Reliability Standards or NAESB business practices to reflect intra-hour scheduling, stakeholders can use existing processes to pursue such refinements.

182. Some commenters request that the Commission standardize protocols for reporting meteorological or forced outage data required by this Final Rule. The Proposed Rule did not contain standard protocols for data reporting and, as a result, the merits of such a requirement have not been fully addressed in the record.  Whether standardization of data communications would facilitate or hinder development of power production forecasting may implicate a variety of data and communications issues that would benefit from broad industry input through standards development processes such as those used by NAESB and other organizations. [↑](#footnote-ref-12)