



**NORTH AMERICAN**

**STANDARDS BOARD**

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October 26, 2015  
Filed Electronically

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

RE: Standards for Business Practices and Communication Protocols for Public Utilities (Docket No. RM05-5-000)

Dear Ms. Bose:

The North American Energy Standards Board (“NAESB”) voluntarily submits this report to the Federal Energy Regulatory Commission (“FERC” or “Commission”) regarding NAESB’s activities from August 2012 through September 2015 that resulted in Version 003.1 of the NAESB Wholesale Electric Quadrant (“WEQ”) Business Practice Standards. All standards included in Version 003.1 were approved by the WEQ Executive Committee, ratified by WEQ membership, and are referenced herein.<sup>1</sup> NAESB published Version 003.1 on September 30, 2015.

The standards referenced in this submittal include newly created standards and modifications to existing standards developed through the NAESB standards development process or the NAESB minor correction process. These standards build upon Version 003 of the WEQ Business Practice Standards filed with the Commission on September 18, 2012 and the subject of Commission action in FERC Order No. 676-H, issued on September 18, 2014.<sup>2</sup> Included in Version 003.1 of the publication are modifications to the following suites of WEQ Business Practice Standards that have not previously been filed with the Commission or subject to Commission action: WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards, WEQ-001 Open Access Same-Time Information Systems (“OASIS”) Business Practice Standards, WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards, WEQ-003 OASIS Data Dictionary Business Practice Standards, WEQ-004 Coordinate Interchange Business Practice Standards, WEQ-013 OASIS Implementation Guide Business Practice Standards, and WEQ-019 Customer Energy Usage Information Communication Business Practice Standards. Additionally, this version of the publication contains two new suites of standards, WEQ-022 Electric Industry Registry Business Practice Standards and WEQ-023 Modeling Business Practice Standards.

Any request for standards development submitted to NAESB is posted to the NAESB website and accessible via the NAESB homepage.<sup>3</sup> All subcommittee or task force work, including work papers and proposed recommendations for standards development, are posted to the NAESB website and also accessible via the NAESB homepage. NAESB is open to all segments of the industry. Participation and voting in all NAESB subcommittees and task forces, where standards requests are addressed and recommended standards are formulated, is open to any interested

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<sup>1</sup> The NAESB standards referenced in this report are available to the public through multiple methods. To access the standards at no cost, NAESB will provide a limited copyright waiver for evaluation purposes or for response in regulatory filings using a product called LockLizard (<http://www.locklizard.com>). To request a waiver, please contact the NAESB office or follow the instructions in the following document: [http://www.naesb.org/misc/NAESB\\_Nonmember\\_Evaluation.pdf](http://www.naesb.org/misc/NAESB_Nonmember_Evaluation.pdf).

<sup>2</sup> *Standards for Business Practices and Communication Protocols for Public Utilities*, Order No. 676-H, 79 FR 56,939 (Sept. 24, 2014), FERC Stats. & Regs. ¶ 31,359 (2014), as modified in errata notice, 149 FERC ¶ 61,014 (2014) (Order No. 676-H).

<sup>3</sup> NAESB Homepage: <https://www.naesb.org>.

party regardless of membership. Should a participant be unable to attend a subcommittee or task force meeting, the party may prepare written comments that will be posted as a work paper for the subcommittee's or task force's consideration. Some of the standards included in Version 003.1 of the publication were subject to considerable industry debate prior to arriving at a consensus on the level of standardization and the text of the standards. The NAESB standards development process encourages contributions from all market interests through an open meeting policy that supports a wide-range of perspectives to engage in standards development activities. The balanced voting process utilized by NAESB permits all participants to equally voice their positions and allows a disparate group to move towards a consensus.

The Executive Committee meetings where these standards were discussed and adopted took place from August 2012 through August 2015. Links to the minutes of these meetings, which include the voting record of the Executive Committee, are provided in Appendix A of this report. This appendix also includes all formal comments made as part of the formal comment period for a recommendation. The WEQ membership ratification ballots and ratification voting records are included in Appendix B.

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

Respectfully submitted,



Ms. Rae McQuade

President & COO, North American Energy Standards Board

cc without enclosures: Chairman, Norman C. Bay, Federal Energy Regulatory Commission  
Commissioner, Tony Clark, Federal Energy Regulatory Commission  
Commissioner, Cheryl LaFleur, Federal Energy Regulatory Commission  
Commissioner Philip D. Moeller, Federal Energy Regulatory Commission  
Commissioner Colette Honorable, Federal Energy Regulatory Commission  
  
Mr. Michael Bardee, Office of Electric Reliability, Federal Energy Regulatory Commission  
Mr. Max Minzner, General Counsel of the Commission, Federal Energy Regulatory Commission  
Mr. Michael Goldenberg, Senior Attorney, Office of General Counsel, Federal Energy Regulatory Commission  
Ms. Jamie L. Simler, Director, Office of Energy Market Regulation, Federal Energy Regulatory Commission  
Mr. J. Arnold Quinn, Director, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission  
  
Mr. Cade Burks, Chairman and CEO, North American Energy Standards Board  
Mr. Michael Desselle, Vice Chairman, North American Energy Standards Board  
Mr. William P. Boswell, General Counsel, North American Energy Standards Board

Enclosures (all documents and links are available publically on the NAESB website – [www.naesb.org](http://www.naesb.org))

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| Appendix A | Links to EC Meeting Minutes, Comments, and Voting Record   |
| Appendix B | Links to Ratification Ballots and Results  |
| Appendix C | List of Transcripts  |
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**UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION**

**Standards for Business Practices and  
Communication Protocols for Public Utilities** )  
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**Docket No. RM05-5-000**

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in the above referenced docket in accordance with the Federal Energy Regulatory Commission's ("FERC" or "Commission") Order Nos. 890,<sup>1</sup> 764,<sup>2</sup> 676-E,<sup>3</sup> and 676-H.<sup>4</sup> This report provides a summary of Version 003.1 of the Wholesale Electric Quadrant ("WEQ") Business Practice Standards as well as a list of the standards that were created or modified as part of this new version of the standards, cross-referenced both by request number and version. The standards are available for download on the NAESB website.<sup>5</sup>

NAESB, originally founded as the Gas Industry Standards Board ("GISB") in 1992, was created in 2002 when GISB became the Wholesale Gas Quadrant ("WGQ") and three other quadrants were formed, the WEQ, the Retail Gas Quadrant, and the Retail Electric Quadrant. Today, the Retail Gas Quadrant and Retail Electric Quadrant operate as a single quadrant, the Retail Markets Quadrant ("RMQ"). In January 2005, NAESB published Version 0 of the WEQ Business Practice Standards.<sup>6</sup> Version 1 of the standards was published in October 2007 and subsequently filed with the Commission in December of that year.<sup>7</sup> NAESB filed Version 002 of the standards with the Commission in August 2008 and published the following month.<sup>8</sup> In February 2009, NAESB filed Version 002.1 with the Commission and published in March of the same year.<sup>9</sup> NAESB published Version 003 of the standards in July 2012 and subsequently filed with the Commission in September 2012.<sup>10</sup>

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<sup>1</sup> *Preventing Undue Discrimination and Preference in Transmission Service*, Order No. 890, 72 FR 12,266 (Mar. 15, 2007), FERC Stats. & Regs. ¶ 31,241 (2007) (Order No. 890).

<sup>2</sup> *Integration of Variable Energy Resources*, Order No. 764, 77 FR 41,482 (July 13, 2012) FERC Stats. & Regs. ¶ 1,331 (2012) (Order No. 764).

<sup>3</sup> *Standards for Business Practices and Communication Protocols for Public Utilities*, Order No. 676-E, 74 FR 63,288 (Dec. 3, 2009), FERC Stats. & Regs. ¶ 31,299 (2009) (Order No. 676-E).

<sup>4</sup> *Standards for Business Practices and Communication Protocols for Public Utilities*, Order No. 676-H, 79 FR 56,939 (Sept. 24, 2014), FERC Stats. & Regs. ¶ 31,359 (2014), *as modified in errata notice*, 149 FERC ¶ 61,014 (2014) (Order No. 676-H).

<sup>5</sup> NAESB Homepage: <https://www.naesb.org>.

<sup>6</sup> NAESB Version 0 Standards in Response to FERC Order No. 890, Docket Nos. RM05-25-000 and RM05-17-000, *available at* [http://www.naesb.org/member\\_login\\_form.asp?doc=ferc011805\\_report.pdf](http://www.naesb.org/member_login_form.asp?doc=ferc011805_report.pdf) (submitted January 18, 2005). This document is password protected. Non-members should contact the NAESB office to access this document.

<sup>7</sup> NAESB Version 001 Standards in Response to FERC Order No. 890, Docket Nos. RM05-17-000 and RM05-25-000, *available at* [http://www.naesb.org/member\\_login\\_form.asp?doc=ferc122107.pdf](http://www.naesb.org/member_login_form.asp?doc=ferc122107.pdf) (submitted December 21, 2007). This document is password protected. Non-members should contact the NAESB office to access this document.

<sup>8</sup> NAESB Version 002 Standards in Response to FERC Order No. 890, Docket Nos. RM05-17-000 and RM05-25-000, *available at* [http://naesb.org/pdf3/ferc082908\\_order\\_890\\_filing.pdf](http://naesb.org/pdf3/ferc082908_order_890_filing.pdf) (submitted August 29, 2008). This document is password protected. Non-members should contact the NAESB office to access this document.

<sup>9</sup> NAESB Version 002.1 Standards in Response to FERC Order No. 890, Docket No. RM 05-5 et al, *available at* [https://www.naesb.org/pdf4/ferc021909\\_weq\\_v002.1\\_with\\_appendices.pdf](https://www.naesb.org/pdf4/ferc021909_weq_v002.1_with_appendices.pdf) (submitted February 19, 2009). This document is password protected. Non-members should contact the NAESB office to access this document.

<sup>10</sup> NAESB Version 003 Standards in Response to FERC Order No. 890, Docket No. RM05-5 et al, *available at* [https://www.naesb.org/pdf4/ferc\\_091812\\_weq\\_version003\\_report.pdf](https://www.naesb.org/pdf4/ferc_091812_weq_version003_report.pdf) (submitted September 18, 2102). This document is password protected. Non-members should contact the NAESB office to access this document.

Included in this report are twelve enclosures. Provided in Appendix A is a listing of the Executive Committee meetings during which recommendations were considered that resulted in Version 003.1 of the WEQ Business Practice Standards with links to the meeting minutes, formal comments received for the recommendations considered during the meetings, and voting records for those meetings. Appendix B provides the list of links to the WEQ membership ratification ballots for the recommendations adopted by the Executive Committee. Appendix C is a list of the available transcripts for the Executive Committee meetings. Appendix D contains a cross-reference of the standards included as part of Version 003.1 with any action taken by the Commission on those standards. Appendix E is a chart explaining the NAESB process for standards development. Appendix F contains a list of the minor corrections included in this report. Appendix G provides information on the no action recommendations for either standards development or minor correction requests approved by the Executive Committee since the last publication. Appendix H is a list of those that have obtained valid access to Version 003.1 of the WEQ Business Practice Standards either through NAESB membership or purchase. Finally, Appendices I through L contain the 2012, 2013, 2014, and 2015 WEQ Annual Plans. The 2016 Annual Plans are currently being considered by both the NAESB Board of Directors and the Executive Committees.

This report is intended to provide the Commission with information regarding Version 003.1 of the WEQ Business Practice Standards. NAESB does not advocate that the Commission take any particular position on any of the standards communicated in this report; it is provided as a status report – describing the standards developed, modified or deleted since our last version, Version 003, was published.

### **VERSION 003.1 SUMMARY**

Below, please find a brief summary of the standards that are included as part of Version 003.1 of the WEQ Business Practice Standards. Unless otherwise noted, all references in this report to subcommittees, task forces, and the executive committee pertain only to the WEQ. Supporting documentation can be found in Appendices A through L, included as enclosures to this report. At the conclusion of this report is a table listing all standards that were added or modified as part of Version 003.1. The table cross references the standards to the related requests for standards development and/or annual plan item as well as the standards development actions undertaken.

Six standard modifications made to the Open Access Same-Time Information System (“OASIS”) suite of standards as part of Version 003.1 of the publication and included in this report were developed in response to various orders from the Commission. Throughout this report, the phrase “OASIS suite of standards” is used to collectively reference WEQ-001 OASIS Business Practice Standards, WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards, WEQ-003 OASIS Data Dictionary Business Practice Standards, and WEQ-013 OASIS Implementation Guide Business Practice. Four of these six modifications are to align the OASIS suite of standards with guidance provided in FERC Order No. 676-H, regarding the treatment of redirects for transmission service from conditional parent reservations, the one-day requirement for the posting of Available Transfer Capability (“ATC”) Narratives, the treatment of point-to-point reservations under Service Across Multiple Transmission Systems (“SAMTS”), and the clarification of the requirements under which a transmission provider may deny a request to terminate service. In response to a directive FERC Order No. 676-E, NAESB

modified WEQ-001 OASIS Business Practice Standards and WEQ-013 OASIS Implementation Guide Business Practice Standards to explicitly permit a transmission provider to extend the performance of the biennial reassessment. Finally, to implement guidance from FERC Order No. 890, WEQ-003 OASIS Data Dictionary Business Practice Standards and WEQ-013 OASIS Implementation Guide Business Practice Standards were modified to allow for the consistent posting of Available Flowgate Capability (“AFC”) related data on OASIS systems.

NAESB made three additional modifications to the OASIS related standards in the normal course of standards development. The first revision modifies WEQ-001 OASIS Business Practice Standards and WEQ-013 OASIS Implementation Guide Business Practice Standards to require resellers to enter off-OASIS resale transactions into OASIS systems in the “accepted” status to provide the assignee of the resale the opportunity to confirm the transaction on the OASIS system. Second, changes were made to WEQ-002-4.3.6.2 to allow for the unmasking of the source and sink of a request for transmission service when that request is moved to any final state. Third, modifications were made to WEQ-001 OASIS Business Practice Standards, WEQ-003 OASIS Data Dictionary Business Practice Standards, and WEQ-013 OASIS Implementation Guide Business Practice Standards to be consistent with the Commission’s treatment of DUNS numbers.

Next in the report, NAESB identifies the four revisions to standards made as part of coordination efforts with the North American Electric Reliability Corporation (“NERC”). First, a new suite of standards, the WEQ-023 Modeling Business Practice Standards, was developed to support and complement the proposed deletion of the NERC MOD-001-1a, MOD-004-1, MOD-008-1, MOD-028-1, MOD-029-1a, and MOD-030-2 (collectively known as “MOD A”) Reliability Standards, to be replaced by MOD-001-2 Reliability Standard.<sup>11</sup> The development of these standards was based upon a request submitted by NERC asking NAESB to consider adopting standards that address NERC requirements proposed for retirement that NERC determined could be beneficial for market or commercial purposes. This new suite of standards supports the reporting of commercial aspects of the calculation of ATC and AFC. Second, NAESB developed modifications to the WEQ-004 Coordinate Interchange Business Practice Standards to support NERC’s proposed removal of the Load Serving Entity (“LSE”) as one of the functional registration categories in the NERC Compliance Registry. The modifications to the WEQ-004 Coordinate Interchange Business Practice Standards are to incorporate a requirement for LSEs in the NERC Interchange Scheduling and Coordination (“INT”) Reliability Standards related to the submittal of a request for interchange for certain intra-balancing authority transactions. Additionally, NAESB made complimentary modifications to WEQ-004 Coordinate Interchange Business Practice Standards to correspond with the revisions made by NERC to the INT Reliability Standards to clarify the entities that perform interchange authority tasks and improve reliability assessments. Finally, NAESB revised the WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to correlate with revisions made to the NERC Glossary of Terms as part of the NERC project to modify the INT Reliability Standards.

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<sup>11</sup> On February 10, 2014, NERC filed a petition in Docket No. RM14-7-000 with the Commission proposing the retirement of the MOD A Reliability Standards and the approval of MOD-001-2. That petition is accessible at the following link: <http://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DL/Petition%20for%20MOD-001-2.pdf>.

In addition to WEQ-023 Modeling Business Practice Standards, NAESB developed a second new suite of standards, WEQ-022 Electric Industry Registry (“EIR”) Business Practice Standards, included for the first time in this version of the publication. These standards were developed following the transition of the registry from the NERC Transmission System Information Networks (“TSIN”) to the NAESB EIR. The registry contains the information utilized by the industry in conducting electronic transactions via electronic tagging (“e-Tagging”). WEQ-022 EIR Business Practice Standards identifies the standards utilized by the industry participants regarding participation in the NAESB EIR, such as the identification of the different entity code roles supported by the registry, registration requirements, and various functionalities of the registry. OATI serves as the system administrator for the registry and handles all technical aspects, including software development.

Furthermore, this report provides information on four additional modifications included in Version 003.1 of the WEQ Business Practice Standards made in the course of normal standards development. Two changes were made to the WEQ-004 Coordinate Interchange Business Practice Standards to align the standards with the Commission’s guidance in FERC Order No. 764 requiring transmission providers to provide for the scheduling of interchange in fifteen minute intervals. One modification was made to WEQ-019 Customer Energy Usage Information Communication Business Practice Standards to ensure consistency between the WEQ Business Practice Standards and related industry standards maintained by other standards organizations. Finally, modifications were made to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to harmonize definitions of two defined terms with the definitions adopted by the RMQ.

Additionally, Version 003.1 of the publication includes modifications made to the WEQ Business Practice Standards to support Public Key Infrastructure (“PKI”). Although the Commission previously incorporated these standards by reference through FERC Order No. 676-H,<sup>12</sup> this report includes a brief summary of the modifications, which were made to the WEQ-012 PKI Business Practice Standards, WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards, and the WEQ-004 Coordinate Interchange Business Practice Standards. As previously noted in a separate report made with the Commission on January 29, 2013, the revisions made to the WEQ-012 PKI Business Practice Standards were to support the NAESB Authorized Certification Authority (“ACA”) Certification Program and to account for technological advances following the original adoption of the standards by NAESB. The modifications made to WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards and WEQ-004 Coordinate Interchange Business Practice Standards implement PKI to provide for secure access to OASIS and e-Tagging applications.

Finally, this report provides information on the minor corrections not previously submitted to the Commission and the no action recommendations approved by the Executive Committee since the last publication.

The summary is organized into nine sections: OASIS Standard Modifications, NERC Coordination Standard Modifications, EIR Standards, Coordinate Interchange Standards Modifications, Smart Grid Standards Modifications, Modifications to Terms, Definitions, and Acronyms, Standards Related to PKI Already Incorporated

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<sup>12</sup> Order No. 676-H, *supra* note 4.

by Reference through FERC Order No. 676-H, Minor Corrections, and No Action Recommendations. Descriptions of each grouping are provided below:

### **OASIS Standards Modifications**

Included as part of Version 003.1 of the publication, NAESB has made numerous changes to the OASIS suite of standards in response to either directives from the Commission contained in FERC Order Nos. 676-H, 676-E, and 890 or to provide for enhancements to the standards.

#### **Modifications to Support FERC Order 676-H**

NAESB is submitting several additional and modified standards developed in response to directives contained in FERC Order No. 676-H. The sets of standards are described below.

- 1) The first set of standards are modifications to align WEQ Business Practice Standards with the Commission's policy as expressed in *Dynegy Power Marketing, Inc.* and *Entergy Services, Inc.* regarding the treatment of redirects of a transmission service reservation.<sup>13</sup> In FERC Order No. 676-H, the Commission stated that "a transmission customer does not lose its rights to its original path until the redirect request satisfies all of the following criteria: (1) it is accepted by the Transmission Provider; (2) it is confirmed by the transmission customer; and (3) it passes the conditional reservation deadline under section 13.2".<sup>14</sup> The Commission declined to adopt WEQ-001-9.5<sup>15</sup> and WEQ-001-10.5<sup>16</sup> after a determination that these standards were inconsistent with the Commission's redirect policy and asked NAESB to revise WEQ-001-9.5 and WEQ-001-10.5, as well as any other affected standards "to conform with the *Dynegy* policy."<sup>17</sup> In response, NAESB created 2015 WEQ Annual Plan Item 7.b, tasking the OASIS Subcommittee to develop a recommendation to revise the impacted standards.

Using the guidance provided in Order 676-H, as well as the determinations made by the Commission in *Dynegy Power Marketing, Inc.* and *Entergy Services, Inc.*, the OASIS Subcommittee modified WEQ-001-9 and WEQ-001-10 by revising thirty-five existing standards and creating nine new standards to ensure the treatment of a firm redirect of transmission service from an unconditional parent reservation aligns with the Commission's directives. Conforming modifications were made to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards, WEQ-001-B Appendix B – Redirect Business Practice Standards Examples, WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards, and WEQ-013 OASIS Implementation Guide Business Practice Standards.

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<sup>13</sup> Order No. 676-H, *supra* note 4 at P 46.

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

<sup>15</sup> Order No. 676-H, *supra* note 4 at P 47.

<sup>16</sup> Order No. 676-H, *supra* note 4 at P 48.

<sup>17</sup> Order No. 676-H, *supra* note 4 at P 49.



Although the OASIS Subcommittee developed comprehensive standards regarding the treatment of firm redirects of transmission service from an unconditional parent reservation, the subcommittee was unable to develop detailed standards regarding the treatment of a firm redirect of transmission service from a conditional parent reservation, as the subcommittee participants were unable to reach a consensus on several seminal issues essential to the standards development.. Both scenarios included in *Dynegy Power Marketing, Inc.* and *Entergy Services, Inc.*, addressed situations in which the parent reservation had reached an unconditional status at the time of the firm redirect for transmission service. This provided the subcommittee specific examples that shepherded the standards development for firm redirects of transmission service from unconditional parent reservations. However, without such examples to guide the standards development for firm redirects of transmission service from conditional parents, the subcommittee was unable to resolve several issues, which resulted in an inability to reach consensus on comprehensive standards for firm redirects from conditional parent reservations. As a general matter, these key issues include the treatment of a firm redirect for transmission service following the preemption of the conditional parent reservation, the circumstances under which a firm redirect for transmission service may return to the conditional parent reservation, and the number of subsequent firm redirects for transmission service that can stem from the original firm redirect for transmission service.

Regarding the first issue, the subcommittee could not agree to rules to govern how the firm redirect for transmission service from a conditional parent reservation would be able to, in all circumstances, retain rights on a parent path until the firm redirect for transmission service reached unconditional status. Both the original reservation and the firm redirect for transmission service are subject to preemption until such time as they pass their respective conditional reservation deadlines. However, if the conditional parent reservation was preempted in full prior to the firm redirect for transmission service becoming unconditional, then it would no longer be possible to restore the rights on the original parent path if the firm redirect for transmission service was also subsequently preempted. For these circumstances, the subcommittee debated whether the loss of the conditional parent reservation due to preemption causes the firm redirect for transmission service to be terminated as there is no longer any transmission service to redirect or if the firm redirect for transmission service should be allowed to continue, and if so, could that firm redirect for transmission service be converted into an original request for transmission service. Some subcommittee participants interpreted the Commission's guidance within *Dynegy Power Marketing, Inc.* to imply that the right of a firm redirect for transmission service to return to the parent path was a function of the parent reservation being granted unconditional status.

Related to the ability of a firm redirect for transmission service to return to the path of the conditional parent reservation, the subcommittee participants differed on whether a customer should be able to relinquish the capacity on the firm redirect for transmission service and return to the path of the conditional parent reservation in circumstances other than the preemption of that firm redirect for

transmission service. For example, can a customer relinquish a firm redirect for transmission service and return that capacity to the conditional parent reservation in order to make a new firm redirect for transmission service on a different path, essentially “substituting” one firm redirect for transmission service for a second firm redirect for transmission service on a different path.

Additionally, the subcommittee participants could not agree on the limit to the number of subsequent firm redirects for transmission service that should be allowed from the original firm redirect for transmission service (i.e. grandchild, great grandchild, etc.). For each subsequent redirect that is permitted, there are an ever-increasing number of paths which need to be traced if the customer retains rights on all the previous paths, adding additional layers of complexity in programming the software for OASIS systems. A minority position presented by Entergy during the formal comment period on the recommendation proposed to limit no more than one level of firm redirects for transmission service (i.e. grandchild).

The subcommittee considered several different proposals for business practice standards to address firm redirects for transmission services from conditional parent reservations, but no single proposal gained enough support to serve as a basis for standards development. As a result, the subcommittee agreed to add general language to WEQ-001-9 that requires transmission providers that permit firm redirects for transmission service from a conditional parent reservation to document in its posted business practices any applicable reservation process.

In order to develop the recommendation for the entirety of the proposed revisions, the OASIS Subcommittee held ten meetings over the course of eighteen days. The recommendation was voted out by the subcommittee during its March 10 – 13, 2015 meeting and was submitted for a thirty-day formal comment period on March 17, 2015. Eight sets of formal comments were submitted. Additional late formal comments were submitted by the OASIS Subcommittee responding to the formal comments and proposing modifications to the recommendation to address issues raised by the formal comments. The Executive Committee considered the recommendation and formal comments and voted to adopt the recommendation as revised by the late comments of the subcommittee during its April 28, 2015 meeting. NAESB WEQ membership ratified the recommendation on June 1, 2015.

In voting to approve the recommendation, the Executive Committee recommended the creation of a task force to investigate, and, as appropriate, develop standards to address the treatment of firm redirects for transmission service from conditional parent reservations. The Executive Committee Conditional Parent Firm Redirects Task Force held its kick-off meeting on June 15, 2015. Prior to this meeting, NAESB informally communicated a work paper documenting the issues identified by the subcommittee to Commission staff. No subsequent meetings of the task force have been held. However, in the event that the Commission provides guidance on the issues identified in this report, NAESB will move forward with any appropriate standards development by reconvening the task force or taking some other action.

- 2) The second standards modification resulting from guidance in FERC Order No. 676-H addresses the posting of ATC narratives. In the order, the Commission declined to incorporate by reference WEQ-001-14.1.3 and WEQ-001-15.1.2 after determining these standards did not meet the Commission's requirement to post the ATC narrative as soon as feasible.<sup>18</sup> This guidance originated from the Commission's policy in FERC Order No. 890 that "reject[ed] calls for delays prior to posting data."<sup>19</sup> Following similar guidance provided in FERC Order No. 676-E, NAESB modified WEQ-001-14.1.3 and WEQ-001-15.1.2 to suggest transmission providers post narratives within one business day, but require a posting within five business days and filed the revised standards with the Commission as part of Version 003 of the WEQ Business Practice Standards. In the subsequent Notice of Proposed Rulemaking ("NOPR") for FERC Order No. 676-H, the Commission "remain[ed] concerned that the five-business day requirement does not meet the Commission's requirement to post the ATC narrative as soon as feasible" and requested industry comments on the topic.<sup>20</sup> The Commission then declined to adopt the modified standards in FERC Order No. 676-H and requested that NAESB "revise these standards to provide for a one-day posting requirement."<sup>21</sup> In response, NAESB created 2015 WEQ Annual Plan Item 7.a directing the OASIS Subcommittee to develop the appropriate modifications to the standards.

The OASIS Subcommittee held three meetings spanning the course of six days to develop a recommendation. On March 10, 2015, the subcommittee voted out a recommendation proposing modifications to WEQ-001-14.1.3 and WEQ-001-15.1.2 that revise the standards to align with the Commission's requirement to post the ATC narratives in one day. A thirty-day, formal comment period began on March 17, 2015. Eleven sets of formal comments were submitted for the recommendation, including six sets of late formal comments by the subcommittee. Five sets of these late formal comments were made in response to the formal comments, and one set of late formal comments was submitted to propose recommendations to address issues raised by the formal comments. Following the action by the Executive Committee on April 28, 2015 to adopt the recommendation as modified by the OASIS subcommittee's late comments containing proposed revisions to the recommendation, it was ratified by the WEQ membership on June 1, 2015.

- 3) In FERC Order No. 676-H, the Commission stated that it would incorporate by reference NAESB's SAMTS related standards and noted that it found reasonable "Bonneville's request to treat a conditional point-to-point reservation included in a coordinated group displaced through preemption comparably to a reservation that is superseded as a result of preemption."<sup>22</sup> Further, the order

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<sup>18</sup> Order No. 676-E, *supra* note 3 at P 39.

<sup>19</sup> Order No. 890, *supra* note 1 at P 370.

<sup>20</sup> *Standards for Business Practices and Communication Protocols for Public Utilities*, Notice of Proposed Rulemaking, 78 FR 45,096 (July 26, 2013), FERC Stats. & Regs. ¶ 32,698 (2013) (WEQ Version 003 NOPR).

<sup>21</sup> FERC Order No. 676-H, *supra* note 4 at P 29.

<sup>22</sup> FERC Order No. 676-H, *supra* note 4 at P 65.

requested that “NAESB consider this suggestion as part of its ongoing standards development process.”<sup>23</sup> In response, NAESB developed 2015 WEQ Annual Plan Item 7.d to have the OASIS Subcommittee consider the proposal and develop any necessary

The OASIS Subcommittee held four meetings spanning the course of eight days to develop a recommendation modifying the OASIS suite of standards. Specifically, the recommendation modified the SAMTS related standards to permit a customer with preempted transmission capacity from a reservation associated with a coordinated group to alter (reduce or terminate) the capacity of coordinate requests in the coordinated group. The OASIS Subcommittee voted the recommendation out on March 12, 2015, and a thirty-day, formal comment period began on March 17, 2015. Four sets of formal comments were submitted for the recommendation. Additionally, the OASIS Subcommittee submitted five sets of late formal comments, four in response to the formal comments and one to recommend proposed revisions to the recommendation to accommodate issues raised by the formal comments. On April 28, 2015, the Executive Committee adopted the recommendation as revised by the proposed revisions contained in the formal comments of the OASIS Subcommittee. WEQ membership ratified the modifications on June 1, 2015.

- 4) In FERC Order No. 676-H, the Commission declined to incorporate WEQ-001-106.2.5 by reference, explaining that the standard was “unclear in its application and could be read to allow Transmission Providers discretion to deny requests to terminate service in situations where this might not be warranted.”<sup>24</sup> The Commission encouraged NAESB “to revise and clarify the entire standard and resubmit it to the Commission with changes that make clear when and how it should be applied.”<sup>25</sup> Noting this Commission guidance, NAESB developed 2015 WEQ Annual Plan Item 7.c for the OASIS Subcommittee to develop modifications to the standards to support this guidance. In response, the OASIS Subcommittee held two meetings spanning four days to develop a recommendation. The subcommittee voted out the recommendation for standards development in support of the annual plan item on March 26, 2015.

The recommendation proposed to modify WEQ-001-106.2.1, to add one new standard, WEQ-001-106.2.1.1, and to delete one existing standard, WEQ-001-106.2.5. These modifications clarify that a transmission customer should submit an accurate termination request and, if the transmission customer should fail to do so, describe the response for the transmission provider to invalidate the request. The thirty-day, formal comment period for the recommendation began on March 27, 2015. Five sets of formal comments were submitted, including one set of formal comments proposing additional modifications from the OASIS Subcommittee. The Executive Committee met on April 28, 2015 to review the recommendation and formal comments. In reviewing the recommendation as modified by the formal comments of the OASIS subcommittee an additional revision was made for clarification

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<sup>23</sup> *Id.*

<sup>24</sup> FERC Order No. 676-H, *supra* note 4 at P 58.

<sup>25</sup> FERC Order No. 676-H, *supra* note 4 at P 59.

purposes. The Executive Committee took action to adopt the recommendation as revised by the comments of the OASIS Subcommittee and during the meeting. WEQ membership ratified the recommendation on June 1, 2015.

#### Modifications to Support FERC Order No. 676-E

Included in the Version 003.1 publication of standards, NAESB includes one change to support directives contained in FERC Order No. 676-E.

- 1) On August 18, 2015, the Executive Committee adopted a recommendation to modify standards in support of 2015 WEQ Annual Plan Item 6.a, created by NAESB in response to guidance in FERC Order No. 676-E<sup>26</sup> and FERC Order No. 890<sup>27</sup>. In FERC Order No. 676-E, the Commission stated “we reiterate here the Commission’s finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB...continue to look at additional business practice standards facilitating a transmission provider’s extension of its right to perform a reassessment.”<sup>28</sup> In response, the OASIS Subcommittee modified five standards in WEQ-001 OASIS Business Practice Standards and one standard in WEQ-013 OASIS Implementation Guide Business Practice Standards to comply with the Commission’s directive by explicitly permitting a transmission provider to extend the performance of the biennial reassessment.

The recommendation was developed by the subcommittee over the course of one meeting and passed a subcommittee vote on April 14, 2015. A thirty-day, industry comment period for the recommendation began on April 14, 2015. Three sets of formal comments were submitted, including two sets of late formal comments by the OASIS Subcommittee; one to respond submitted formal comments and one to propose additional modifications to address issues raised by the set of formal comments. Following the action of the Executive Committee to adopt the recommendation as modified by the late formal comments of the subcommittee, WEQ membership ratified it on September 18, 2015.

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<sup>26</sup> Order No. 676-E, *supra* note 3.

<sup>27</sup> Order No. 890, *supra* note 1.

<sup>28</sup> Order No. 676-E, *supra* note 3 at P 72.

### Modifications to Support FERC Order No. 890

NAESB is submitting one revision as part of the Version 003.1 publication of the standards to support directives contained in FERC Order No. 890.

- 1) In Paragraph 51 of FERC Order No. 890-A<sup>29</sup>, the Commission explains that “[t]o the extent MidAmerican or its customers find it beneficial also to post AFC, MidAmerican is free to post both ATC and AFC values.”<sup>30</sup> As a result of this guidance, as well as Standards Request R08011, NAESB created 2015 WEQ Annual Plan Item 5.a to develop modifications to the OASIS related standards. In response, the OASIS Subcommittee developed two recommendations proposing standard revisions with the goal of providing an industry-wide mechanism for consistent posting of AFC related data.

The first recommendation was reviewed by the Executive Committee on February 21, 2012 and remanded back to the OASIS Subcommittee with the direction that the subcommittee should consider consistency issues raised within the two formal comments submitted during the formal industry comment period. The OASIS Subcommittee held three meetings over the course of six days to review the formal comments and draft a recommendation to add three new data elements to the list of valid data element values for SYSTEM\_ATTRIBUTE and SYSTEM\_ELEMENT\_TYPE in WEQ-003 OASIS Data Dictionary and to the systemdata OASIS template in WEQ-013 OASIS Implementation Guide Business Practice Standards.

The subcommittee voted out the recommendation during its April 14-16, 2015 meeting. A thirty-day, formal comment period for the recommendation began on April 16, 2015. No formal comments were submitted for the recommendation. The Executive Committee adopted the recommendation on August 18, 2015. On September 18, 2015, the WEQ membership ratified the recommendation.

### Modifications for Enhancement or Revision

Included in the Version 003.1 publication of the standards are three modifications to revise or enhance the OASIS suite of standards.

- 1) On August 18, 2015, the Executive Committee approved a recommendation for modifications to WEQ-001-11.1.7 and WEQ-013-2.6.7.2 in support of 2015 WEQ Annual Plan item 5.b created by NAESB in response to Standards Request R08027. The revision to WEQ-013 OASIS Implementation Guide Business Practice Standards allows for off-OASIS resale transactions to be posted directly to the OASIS system under an “accepted” status. Previously, these transactions were posted only as confirmed transactions. The revision to WEQ-001 OASIS Business Practice Standards is a conforming change requiring the service agreement between an assignee and a transmission provider to be executed once the assignee has confirmed the resale transaction on the OASIS system. The

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<sup>29</sup> *Preventing Undue Discrimination and Preference in Transmission Service*, Order No. 890, 72 FR 12,266 (March 15, 2007), FERC Stats. & Regs. ¶ 31,241 (2007), *order on reh’g*, Order No. 890-A, 73 FR 2,984 (Jan. 16, 2008), FERC Stats. & Regs. ¶ 31,261 (2007) (Order No. 890-A).

<sup>30</sup> *Id* at P 51.

- OASIS Subcommittee held one meeting to develop the proposed revisions, voting the recommendation out of subcommittee during the April 14 – 16, 2015 meeting. A thirty-day, formal comment period began on April 16, 2015. No formal comments were submitted for the recommendation. Following the approval by the Executive Committee, WEQ membership ratified the recommendation on September 18, 2015.
- 2) In support of 2015 WEQ Annual Plan Item 3.a.i.1, , the OASIS Subcommittee developed a recommendation that modifies WEQ-002-4.3.6.2 to unmask the source and sink for a request for transmission service for all instances where the request for transmission service is moved to any final state. Prior to this modification, the standard permitted masking of the source and sink of a request for transmission service until the status of that request was set to confirmed. The subcommittee held two meetings over the course of four days to develop the recommendation, voting it out during the April 14 – 16, 2015 meeting. A thirty-day, formal comment period for the recommendation began on April 14, 2015. One set of late formal comments was submitted proposing a non-substantive, clarifying revision to the standard. On August 18, 2015, the Executive Committee approved the recommendation as modified during the meeting to incorporate the proposed change from the formal comments, and it was subsequently ratified by WEQ membership on September 18, 2015.
  - 3) In FERC Order No. 768<sup>31</sup>, the Commission stated that “DUNS numbers have proven to be imprecise identification systems, as entities may have multiple DUNS numbers, only one DUNS number, or no DUNS number at all.” Subsequent to this order, Standards Request R15005 was submitted to NAESB proposing revisions to the OASIS related standards, citing the Commission’s treatment of DUNS numbers. In response, the OASIS Subcommittee evaluated the use of DUNS numbers in the OASIS related standards and developed modifications. WEQ-001-3.1 was revised to eliminate the need to include a DUNS number in the identification of an organization on OASIS systems. Consistency modifications to reflect this change were made to WEQ-013 OASIS Implementation Guide Business Practice Standards as well as the definition for the term “Identical Service Requests” in WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards. In WEQ-003 OASIS Data Dictionary Business Practice Standards, the use of the DUNS number is retained as a data element used in the templates, but the data dictionary was modified to reflect that a DUNS number of “999999999” can be entered when the DUNS number of an entity is unknown. The OASIS Subcommittee held two meetings over the course of three days to develop the recommendation. It was voted out of subcommittee during the meeting on July 21 – 23, 2015. A thirty-day, formal comment period began on July 21, 2015. Two sets of formal comments were submitted in support of the recommendation. The Executive Committee approved the recommendation via notational ballot on August 26, 2015. On September 25, 2015, WEQ membership ratified the recommendation.

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<sup>31</sup> *Electric Market Transparency Provisions of Section 220 of the Federal Power Act*, Order No. 768, 77 FR 61,896 (Oct. 11, 2012), FERC Stats. Regs. ¶ 31,336 (2012) (Order No. 768).

### NERC Coordination Standards Modifications

As part of the Version 003.1 publication of the standards, NAESB is submitting four modifications made various standards to support and/or complement revisions made to the NERC Reliability Standards.

- 1) As previously reported to the Commission in status reports filed in September 2015<sup>32</sup> and December 2014<sup>33</sup> and comments<sup>34</sup> filed in August 2014 in response to the Commission's NOPR<sup>35</sup> concerning NERC's Modeling, Data, and Analysis Reliability Standards, NAESB undertook the development of standards to support and complement the proposed retirement of certain NERC MOD A Reliability Standards to be replaced by NERC MOD-001-2 Reliability Standard, currently before the Commission in Docket No. RM14-7-000.<sup>36</sup> NAESB initiated this standards development effort in response to Standards Request R14002, submitted by NERC, proposing that NAESB consider incorporating certain MOD A Reliability Standards requirements proposed for retirement by NERC that NERC had identified as being potentially relevant for commercial purposes. NAESB created 2015 WEQ Annual Plan Item 1.e to support the request. Due to the large nature of requirements contained in the request, the chair of the Executive Committee created the Executive Committee MOD Standard Scoping Task Force, charged with recommending the scope for subcommittee standards development and a proposed timeline. Based on the recommendation, the Executive Committee assigned the Business Practices Subcommittee ("BPS") with the task of developing a recommendation.

The BPS held nineteen days of meetings before voting out a recommendation during its June 25, 2015 meeting. The recommendation proposes a new suite of standards, WEQ-023 Modeling Business Practice Standards, that specifies the commercially relevant requirements for the calculation of ATC and AFC. Included as part of the recommendation are two new requirements not previously found in the NERC Reliability Standards related to contract path management. These two standards, WEQ-023-1.4 and WEQ-023-1.4.1, act to limit the amount of firm transmission service across a path between balancing authorities to the contract path limit for that given path. While the current NERC MOD A Reliability Standards include requirements related to contract path management for the Area Interchange Methodology and the Rated System Path Methodology for the calculation of ATC, similar

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<sup>32</sup> NAESB Status Report on the Development of Modeling, Data, and Analysis Business Practice Standards was filed in Docket Nos. RM05-5-000 and RM14-7-000 on September 25, 2015 and is available at the following link:  
[https://www.naesb.org/pdf4/ferc092515\\_naesb\\_mod\\_status\\_report.pdf](https://www.naesb.org/pdf4/ferc092515_naesb_mod_status_report.pdf).

<sup>33</sup> NAESB Status Report on the Development of Modeling, Data, and Analysis Business Practice Standards was filed in Docket Nos. RM05-5-000 and RM14-7-000 on December 18, 2014 and is available at the following link:  
[https://www.naesb.org/pdf4/ferc121814\\_mod\\_nopr\\_naesb\\_status\\_report.pdf](https://www.naesb.org/pdf4/ferc121814_mod_nopr_naesb_status_report.pdf).

<sup>34</sup> NAESB Comments in response to the Commission's NOPR on Modeling, Data, and Analysis Reliability Standards was filed in Docket No. RM14-7-000 on August 25, 2014 and is available at the following link:  
[https://www.naesb.org/pdf4/ferc082514\\_naesb\\_mod\\_nopr\\_comments.pdf](https://www.naesb.org/pdf4/ferc082514_naesb_mod_nopr_comments.pdf).

<sup>35</sup> Modeling, Data, and Analysis Reliability Standards, Notice of Proposed Rulemaking, 79 FR 36,269 (June 26, 2014) (MOD NOPR).

<sup>36</sup> On February 10, 2014, NERC filed a petition in Docket No. RM14-7-000 with the Commission proposing the retirement of the MOD A Reliability Standards and the approval of MOD-001-2. That petition is accessible at the following link:  
<http://www.nerc.com/FilingsOrders/us/NERC%20Filings%20to%20FERC%20DL/Petition%20for%20MOD-001-2.pdf>.



requirements were not included for the Flowgate Methodology as contract path management was previously determined by NERC to serve no reliability function for this methodology. The specific language included in the MOD A Reliability Standards for the Rated System Path Methodology, found in MOD-029-1a Requirement R2.3, was wholly incorporated into the standards as WEQ-023.2.2.1. The specific language included in the MOD A Reliability Standards for the Area Interchange Methodology, found in MOD-028-1 Requirement 6.3 was partially incorporated into the standards as WEQ-023-2.1.1. Language that appears in MOD-028-1 Requirement 6.3 relating to the sum of facility ratings of all ties comprising the ATC path was removed from WEQ-023-2.1.1 because it was included in the language for WEQ-023-1.4 and WEQ-023-1.4.1. These two standards work to address a perceived equity gap that would have existed within the Flowgate Methodology.

Additionally, the recommendation proposes modifications to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards, WEQ-001 OASIS Business Practice Standards, WEQ-003 OASIS Data Dictionary Business Practice Standards, and WEQ-013 OASIS Implementation Guide Business Practice Standards. In WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards, three new abbreviation/acronyms and eight new defined terms were added to provide for consistency purposes. The revisions made to WEQ-001 were to move thirteen standards (included in WEQ-001-18 Postback Requirements and WEQ-019 Grandfathered Agreements) as well as Appendix D to WEQ-023. In reviewing the standards in WEQ-001 OASIS Business Practice Standards as part of a consistency evaluation, the subcommittee determined that these thirteen standards and the appendix more aptly related to the calculations of ATC/AFC and thus appropriate to include as part of WEQ-023 Modeling Business Practice Standards as opposed to WEQ-001 OASIS Business Practice Standards. The language of these standards is substantively the same as it appeared previously with only minor changes made for consistency and accuracy purposes. However, the appendix was updated to include examples of both methods for calculating non-firm ATC when unscheduled firm capacity is released. The modifications made to WEQ-003 OASIS Data Dictionary Business Practice Standards and WEQ-013 OASIS Implementation Guide Business Practice Standards were to correct abbreviation and acronym errors for consistency purposes.

The BPS voted the recommendation out of subcommittee on June 25, 2015, and it was submitted for a thirty-day formal comment period on June 29, 2015. Seven sets of formal comments were submitted with late formal comments submitted by the BPS. The late comments were formulated to address the issues raised by the formal comments and included a proposal to modify the language in WEQ-023-1.4 and WEQ-023-1.4.1 to provide additional clarity. The Executive Committee considered the recommendation and formal comments during its meeting on August 18, 2015. The majority of discussion on the recommendation centered on the two standards added to address contract path management, WEQ-023-1.4 and WEQ-023-1.4.1. There was general support for NAESB to address this issue, but some participants favored additional standards development work on the subject. In

recognition of this desire, the Executive Committee, in adopting the recommendation as revised by the late formal comments of the BPS, requested a task force be created to document additional issues related to contract path management to clarify the scope for potential future standards development work. The recommendation was then ratified by WEQ membership on September 18, 2015.

As proposed by the Executive Committee, the chair of the Executive Committee created the Executive Committee Contract Path Task Force to document additional issues related to contract path management for the purpose of clarifying the scope of potential additional standards development. The task force held four meetings beginning on September 18, 2015 to develop a report to share with the Executive Committee at its meeting on October 20, 2015. During the meeting, the Executive Committee held extensive discussions on the report but did not take any immediate action to assign future standards development.

- 2) NAESB developed modifications to WEQ-004 Coordinate Interchange Business Practice Standards to support a petition by NERC, currently before the Commission in Docket No. RR15-4-000, proposing, among other items, the elimination of the LSE, the Purchase Selling Entity (“PSE”), and the Interchange Authority roles within the NERC Compliance Registry. On March 19, 2015, the Commission issued an order that, in part, requested additional details to justify the elimination of the LSE as a functional registration category, including a request to coordinate with NAESB on any commercially relevant requirements that might be impacted. NAESB and NERC worked together to review the NERC Reliability Standards impacting LSEs and identified one such requirement, NERC INT-011-1, R.1, which could affect the functionality of standards in WEQ-008 Transmission Loading Relief – Eastern Interconnection Business Practice Standards. This standard requires LSEs to submit a request for interchange for point-to-point transmission service for intra-balancing authority area transfers unless the transfer is included in an alternative congestion management procedure. WEQ leadership then submitted Standards Request R15004 proposing language from the NERC Reliability Standard be considered for inclusion in WEQ-004 Coordinate Interchange Business Practice Standards.

The Coordinate Interchange Scheduling Subcommittee (“CISS”), formerly known as the NERC/NAESB Joint Electric Scheduling Subcommittee (“JESS”), met twice to develop the recommendation to propose modifications to WEQ-004-1 to incorporate the language of the identified NERC Reliability Standard. WEQ-004-1 now requires the submittal of a request for interchange, in addition to transactions between a source and sink balancing authority, for point-to-point intra-balancing authority transitions not already represented by alternative congestion management tools. Consistency modifications related to the new language were made to WEQ-004-1.1 and WEQ-004-1.7. Additional consistency modifications were made to WEQ-004-2 and WEQ-004-2.3 as well as Appendix A to correct references to the versioning of the Electronic Tagging (“e-Tag”) Functional Specification and e-Tag Schema. The recommendation also proposed one modification to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to add one new

defined term. A thirty-day, formal comment period was held for the recommendation beginning on July 10, 2015. Two sets of formal comments were submitted in support of the modifications made in the recommendation. The Executive Committee adopted the recommendation on August 18, 2015, and WEQ membership ratified it on September 18, 2015.

- 3) On August 19, 2014, the Executive Committee adopted a recommendation proposing modifications to the standards to support 2014 WEQ Annual Plan Item 3.a.ii. The revisions were made to complement modifications to the NERC Interchange Scheduling and Coordination (INT) Reliability Standards that improve reliability assessments and clarify the entities that are to perform interchange authority tasks. NERC filed a petition<sup>37</sup> for approval of the revised NERC INT Reliability Standards on February 27, 2014 in Docket No. RD14-4-000. FERC issued a letter order approving the revised NERC INT Reliability Standards on June 30, 2014.<sup>38</sup>

The CISS held thirteen meetings over the course of twenty-three days to develop the recommendation and voted it out of subcommittee during the meeting on July 15 – 16, 2014. The recommendation proposes modifications to twenty-seven standards, the addition of eight standards, and the deletion of one standard as well as modifications to the Introduction and Applicability sections of WEQ-004 Coordinate Interchange Business Practice Standards to support the modifications to the NERC INT Reliability Standards. Consistency modifications were made to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to add one new abbreviation and acronym and two new defined terms, modify the definition of one defined term, and delete one abbreviation and acronym and four defined terms. Additionally, modifications were made to WEQ-004-A Appendix A to better align failure procedures utilized by the Eastern and Western Interconnections. The recommendation was submitted for a thirty-day, formal comment period on July 17, 2014. Two sets of formal comments were submitted proposing additional minor modifications for clarification. Based on these formal comments and discussions at the meeting, the Executive Committee adopted a revised version of the recommendation with modifications made for clarify. WEQ membership ratified the recommendation on September 24, 2014.

- 4) In support of Standards Request R14001, NAESB made additional revisions to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to coordinate with modifications made to the NERC Glossary of Terms as part of the NERC effort to revise the NERC INT Reliability Standards noted above. The Standards Review Subcommittee (“SRS”) held one meeting on March 6, 2014 to develop the recommendation proposing to add seven new defined terms. The recommendation was submitted for a thirty-day, formal comment period on March 7, 2014. Two

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<sup>37</sup> *Petition of the North American Electric Reliability Corporation for Approval of Proposed Reliability Standards for Interchange Scheduling and Coordination* was filed in Docket No. RD14-4-000 on February 27, 2014 and is available at the following link: <http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=13472239>.

<sup>38</sup> *Re: Petition of the North American Electric Reliability Corporation for Approval of Proposed Reliability Standards for Interchange Scheduling and Coordination*, Letter Order was filed in Docket No. RD14-4-000 on June 30, 2014.

sets of formal comments were submitted as well as two sets of late formal comments. The late formal comments were developed by the SRS to propose revisions to the recommendation based on the issues raised by the formal commenters. During the April 29, 2014 meeting of the Executive Committee, the recommendation was adopted as revised by the late formal comments and additional modifications made for accuracy purposes. WEQ membership ratified it on June 5, 2014.

### **Electric Industry Registry Standards**

Included in the Version 003.1 publication is a new suite of standards establishing the business practices for the NAESB EIR tool.

- 1) On November 13, 2012, the NAESB EIR replaced the NERC TSIN as the industry registry, a tool utilized by the wholesale electric markets to aid the creation of e-Tags for electronic scheduling. The NAESB EIR supports OASIS systems in the electronic scheduling of transactions by acting as the central repository for information utilized by the wholesale electric industry in the creation of e-Tags. This information includes the identification of entities involved in an electronic transaction and contains the data needed to schedule transactions, such as transmission paths, flowgates, and source/sink points. The WEQ-004 Coordinate Interchange Business Practice Standards and e-Tag Functional Specification and Schema provide the commercial framework for e-Tagging.

In response to this transition, NAESB created 2013 WEQ Annual Plan Item 3.d for the purpose of developing standards for the NAESB EIR. The CISS developed a recommendation for a new suite of standards that establish business practices for the NAESB EIR and provide guidance for registry users, WEQ-022 Electric Industry Registry Business Practice Standards. Among other things, the standards list the requirements for user registration and detail the responsibilities of the various entity roles within the registry. Additionally, the recommendation proposes modifications to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to add four new abbreviations/acronyms and twelve new defined terms to support the new standards.

The CISS held fifteen meetings over the course of twenty-seven days to develop the recommendation, which was voted out of subcommittee during the meeting on July 9 – 10, 2013. The recommendation was submitted for a thirty-day, formal comment period on July 12, 2013. Six sets of formal comments were submitted, including one set of late formal comments developed by the CISS to modify the recommendation in response to issues raised by the formal comments. The Executive Committee adopted the recommendation as revised by the late formal comments of the CISS and with additional modifications made by the Executive Committee for accuracy purposes during its meeting on August 20, 2013. WEQ membership ratified the recommendation on September 23, 2013.

### **Coordinate Interchange Standards Modifications**

NAESB is submitting two additional modifications made to the WEQ-004 Coordinate Interchange Business Practice Standards to support FERC Order No. 764.

- 1) Standards Request R12010 was submitted to NAESB requesting modifications to the WEQ-004 Coordinate Interchange Business Practice Standards to support the industry in the implementation of FERC Order No. 764, in which the Commission directed transmission entities to accept scheduling interchange in fifteen minute intervals within the operating hour.<sup>39</sup> In support of this standards request, the CISS developed a recommendation proposing a new standard, WEQ-004-20, to create a default definition of 15 minute interchange scheduling intervals for transactions. The CISS held two meetings over four days to develop the recommendation before voting it out of subcommittee during the meeting on March 5 – 6, 2013. A thirty-day, formal comment period was held on the recommendation beginning on March 7, 2013. Three sets of formal comments were submitted. One set of late formal comments was submitted by the CISS proposing changes to the recommendation to accommodate issues raised by the two of the formal comments. The subcommittee declined to incorporate changes from the third set of comments as it was determined that the proposed modifications touched upon reliability issues that would be more appropriately addressed by NERC. The Executive Committee took action to adopt the recommendation as revised by the late formal comments of the subcommittee on April 30, 2013, and on June 5, 2013, WEQ membership ratified the recommendation.
- 2) To further support the Commission directive in FERC Order No. 764 that entities accept fifteen minute interval scheduling, NAESB created 2013 WEQ Annual Plan Item 3.a.iii1-2. As a result, NAESB modified WEQ-004-17.1, WEQ-004-17.2, and WEQ-004-17.3 to ensure that the default ramp durations align with the Commission's guidance for fifteen minute scheduling intervals. Additional modifications were made for the same purpose to WEQ-004-D Appendix D – Commercial Timing Tables. The CISS worked to develop the recommendation over the course of four days of meetings held on July 9 – 10, 2013 and August 7 – 8, 2013. The subcommittee voted out the recommendation during the August 7 – 8, 2013 meeting, and a thirty-day, formal industry comment period was held beginning on August 9, 2013. Five sets of formal comments were submitted, including one set of late formal comments developed by the CISS to propose modifications to address issues raised by the formal comments. On October 22, 2013, the Executive Committee adopted the recommendation as modified by the late formal comments of the subcommittee. WEQ membership ratified the recommendation on December 2, 2013.

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<sup>39</sup> Order No. 764, *supra* note 2 at P 91-107.

### Smart Grid Standards Modifications

As part of the Version 003.1 publication, NAESB is submitting one modification made to Smart Grid related standards in WEQ-019 Customer Energy Usage Information Communication Business Practice Standards.

- 1) In FERC Order No. 676-H, the Commission adopted in its regulations as non-mandatory guidance five Smart Grid related standards: WEQ-016 Specifications for Common Electricity Product and Pricing Definition Business Practice Standards, WEQ-017 Specifications for Common Schedule Communication Mechanism for Energy Transactions, WEQ-018 Specifications for Wholesale Standard Demand Response Signals Business Practice Standards, WEQ-019 Customer Energy Usage Information Communication Business Practice Standards, and WEQ-020 Smart Grid Standards Data Elements Table Business Practice Standards. In adopting the standards as non-mandatory guidance, the Commission recognized the value of the Smart Grid standards<sup>40</sup> and encouraged “further developments in interoperability, technological innovation and standardization in this area.”<sup>41</sup>

On February 19, 2013, the Executive Committee adopted a recommendation developed in response to 2012 WEQ Annual Plan Item 6.a The recommendation proposed revisions to WEQ-019 Customer Energy Usage Information Communication Business Practice Standards that enhance the standards by harmonizing the NAESB standard with other smart grid standards, including the Smart Energy Profile 2.0, the International Electrotechnical Commission (“IEC”) Information Model, the NAESB REQ.21 Energy Service Providers Interface, and standards developed by the American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE).. The Smart Grid Subcommittee held eight meetings to develop the recommendation, voting it out of subcommittee on November 1, 2012. A thirty-day, formal comment period began on December 3, 2012. One set of formal comments was submitted recommending non-substantive modifications to correct typographical and formatting errors. Following the adoption by the Executive Committee of the recommendation as revised by the late comments, WEQ membership ratified the recommendation on March 21, 2012.

### Abbreviations, Acronyms and Definition of Terms Standards Modifications

In addition to the modifications made to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards as part of other noted standard development efforts, included as part of Version 003.1 of the publication is one additional modification to this suite of standards to harmonize the definition of terms used by the NAESB quadrants.

- 1) To maintain consistency between the defined terms used in the NAESB standards when possible, NAESB attempts to harmonize the definitions used by each quadrant for identical defined terms. In 2012, the RMQ took action to create several new defined terms and definitions, two of which, Demand Reduction Value and Energy Efficiency, already existed in WEQ-000 Abbreviations, Acronyms, and

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<sup>40</sup> Order No. 676-H, *supra* note 4 at P77.

<sup>41</sup> Order No. 676-H, *supra* note 4 at P78.

Defined Terms Business Practice Standards. As part of the RMQ annual plan item, the WEQ considered a recommendation to modify the terms within WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to mirror the definitions proposed by the RMQ in an effort to prevent industry confusion. The SRS met twice to develop the recommendation, and voted it out of subcommittee on June 19, 2012. The recommendation was submitted for a thirty-day, industry comment period on June 22, 2012, and two sets of formal comments were received in support of the recommendation. The Executive Committee took action to adopt the recommendation at its meeting on August 21, 2012. WEQ membership ratified the recommendation on September 16, 2009.

### **Standards Related to PKI Previously Incorporated by Reference in FERC Order No. 676-H**

Included in Version 003.1 are three modifications made to support the WEQ-012 PKI Business Practice Standards that have already been incorporated by reference by the Commission in FERC Order No. 676-H. These three modifications were not included in the Version 003 filing NAESB made on September 18, 2012 but rather were filed separately by NAESB on January 29, 2013<sup>42</sup> following the conclusion of standards development. These three PKI related modifications were made to the WEQ-012 PKI Business Practice Standards, WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards, and WEQ-004 Coordinate Interchange Business Practice Standards.

In 2011, NAESB created the ACA Certification Program to develop a process by which certificate authorities can become certified as a NAESB ACA to support the use of the PKI security scheme for industry tools, including OASIS systems and the NAESB EIR. In recognition of this, NAESB created 2012 WEQ Annual Plan Item 4.c.i-ii, tasking the Cybersecurity Subcommittee, previously known as the PKI Subcommittee, with developing any necessary modifications to WEQ-012 PKI Business Practice Standards. The annual plan item encompassed two standards request, R11014 and R11015, recommending a review of the standards to evaluate the need for modifications to accommodate for changes in technology or security advances since the time of the original drafting of the standards. The resulting recommendation from the subcommittee incorporated revisions to meet current market conditions as well as removed the standards specifying the criteria a certificate authority must meet. These technical requirements were incorporated into a second document, an accreditation specification, that outlines the prerequisites a certificate authority must meet to become a NAESB ACA. The specification document was created in recognition that certificate authorities may not be subject to the Commission's jurisdictional authority under the Federal Power Act and that specification requirements can be modified through an accelerated process versus standards development that will allow for a quickened response to any changes in market conditions or newly discovered security vulnerabilities.

NAESB created 2012 WEQ Annual Plan Items 4.a and 4.b to support the implementation of PKI on OASIS systems and in e-Tagging. The recommendation for 2012 WEQ Annual Plan Item 4.a proposed modifications to five standards and the addition of three standards to WEQ-002 OASIS Standards and Communication Protocols

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<sup>42</sup> The NAESB filing, *Re: Submittal of Modifications to the NAESB Public Key Infrastructure Standards and Other Standards to support the Public Key Infrastructure*, was submitted to FERC in Docket Nos. RM05-5-000 and RM05-5-022 on January 29, 2013 and is available at the following link: [https://www.naesb.org/pdf4/ferc012913\\_pki\\_standards\\_report.pdf](https://www.naesb.org/pdf4/ferc012913_pki_standards_report.pdf).

Business Practice Standards as well as two modifications to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards. The revisions to WEQ-002 OASIS Standards and Communication Protocols Business Practice Standards require the use of a certificate issued by a NAESB ACA to access an OASIS system and include requirements related to support the implementation of PKI in the OASIS systems as well as revisions to reflect the transition of the registry from the NERC TSIN to the NAESB EIR. The modifications to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards were for consistency purposes.

The recommendation to support 2012 WEQ Annual Plan Item 4.b proposes one new standard, WEQ-004-2.3, which requires all e-Tagging communications to be secured by certificates issued by a NAESB ACA. Additionally, unrelated revisions to WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards and the OASIS suite of standards to correct the reference to the versioning of the e-Tag Specification.

### Minor Corrections

This filing provides information seven minor corrections not previously filed with the Commission, MC14003, MC14004, MC14011, MC15007, MC15008, MC15015, and MC15019. Of these minor corrections, all are applicable to both Version 003 and Version 003.1 of the publication with the exception of MC15008, which is only applicable to Version 003. Please note that NAESB has previously filed ten minor corrections applicable to Version 003 of the publication that have already been the subject of previous Commission action: MC12032, MC12034, MC12035, MC12036, MC13013, MC13015, MC13017, MC13019, MC13024, and MC13025..

All minor corrections included in this report have been approved by the Executive Committee and applied to Version 003 and Version 003.1 of the WEQ Business Practice Standards as applicable. On February 18, 2014, the Executive Committee approved MC14003 and MC14004. Later that year, MC14011 was approved by the Executive Committee during the April 29, 2014 meeting. MC15007 and MC15008 were approved by the Executive Committee on April 28, 2015, and MC15015 was approved at the August 18, 2015 Executive Committee meeting. MC15019 was adopted by the WEQ Executive Committee via a notational ballot on September 8, 2015. The following table provides information on the seven minor corrections included as part of this filing.

| EC Date          | Minor Correction | Minor Correction Description   |
|------------------|------------------|--|
| October 23, 2012 | MC12032          | Correct NAESB Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms), WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.0, and WEQ-003 (OASIS Data Dictionary) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003. <i>Filing 12/20/2012(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</i> |
| October 23, 2012 | MC12034          | Correct NAESB Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms) and WEQ-019 (Customer Energy Usage Information Communication) published in NAESB WEQ Business Practice Standards Version 003. <i>Filing 12/20/2012(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</i>   |



| EC Date          | Minor Correction | Minor Correction Description   |
|------------------|------------------|--|
| October 23, 2012 | MC12035          | Correct NAESB Business Practice Standards WEQ-008 (Transmission Loading Relief (TLR) – Eastern Interconnection) published in NAESB WEQ Business Practice Standards Version 003. <b>Filing 12/20/2012(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b>   |
| October 23, 2012 | MC12036          | Correct NAESB Business Practice Standards WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.0, WEQ-002 (OASIS Standards and Communication Protocol (S&CP)) Version 2.0, WEQ-003 (OASIS Data Dictionary) Version 2.0, and WEQ-013 (OASIS Implementation Guide) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003. <b>Filing 12/20/2012(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b>   |
| August 20, 2013  | MC13013          | Correct NAESB WEQ Business Practice Standard WEQ-002-3.4i (Open Access Same-Time Information Systems (OASIS) Standards and Communication Protocol (S&CP)) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003: To comply with 18 CFR 37.7(b) – Auditing Transmission Service Information. <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b>  |
| August 20, 2013  | MC13015          | Make consistency changes to NAESB WEQ Business Practice Standards WEQ-002-3.3a, b, and d, WEQ-002-3.4b(i), WEQ-002-4.2.2a, WEQ-002-4.2.5.2a, WEQ-002-4.2.9.1 and WEQ-002-4.3.11.4, (Open Access Same-Time Information Systems (OASIS) Standards and Communication Protocol (S&CP)) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003. <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b>  |
| August 20, 2013  | MC13017          | In reviewing the NAESB WEQ Business Practice Standard WEQ-001-11.1.6 (Open Access Same-Time Information Systems (OASIS)), which is associated to Redirect Rights through a Resale, MISO noticed that the standard references WEQ-009 Standards of Conduct for Electric Transmission Providers and WEQ-010 Contracts Related to Business Practice Standards. The correct references should be WEQ-001-9 Requirements for Dealing with Redirects on a Firm Basis and WEQ-001-10 Requirements for Dealing with Redirects on a Non-Firm Basis published in NAESB WEQ Business Practice Standards Version 003. <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b> |
| October 22, 2013 | MC13019          | For NAESB WGQ Version 2.1 and NAESB WEQ Version 003, Joint WEQ/WGQ Minor Correction to the NAESB WEQ/WGQ Implementation Guide for Electronic Tariff Filing to correspond to modifications made by FERC to its OSEC Implementation Guide for Electronic Filing of Parts 35, 154, 284, 300, and 341 Tariff Filings as noted by FERC, dated August 12, 2013. <b>FERC Filing 11/27/2013</b>  |

| EC Date           | Minor Correction | Minor Correction Description   |
|-------------------|------------------|--|
| October 22, 2013  | MC13024          | Minor correction/clarification to clarify the data definition differences for the OASIS Data Dictionary Element Name STATUS found in WEQ-003-0 (OASIS Data Dictionary) and the data definitions found in WEQ-013-2.2 Transaction Status and WEQ-013-101.4 NITS Application and Modification of Service Status (OASIS Implementation Guide) published in NAESB WEQ Business Practice Standards Version 003. <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b>                                  |
| October 22, 2013  | MC13025          | Minor correction/clarification to make consistency changes to the NAESB WEQ Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms), WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.0, WEQ-002 (OASIS Standards and Communication Protocol (S&CP)) Version 2.0, and WEQ-013 (OASIS Implementation Guide) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003. <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b> |
| February 18, 2014 | MC14003          | Minor correction/clarification to make consistency changes to WEQ Business Practice Standards WEQ-002, (OASIS Business Practice Standards and Communication Protocol (S&CP)) Version 2.0 and WEQ-003 (OASIS Data Dictionary) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003.. <b>(To be applied to Version 003.1)</b>  |
| February 18, 2014 | MC14004          | Modify the definition of System Operator by deleting “(Based on NERC definitions).” in WEQ-000-2 (Definition of Terms), published in NAESB WEQ Business Practice Standards Version 003. <b>(To be applied to Version 003.1)</b>  |
| August 29, 2014   | MC14011          | Minor Correction to update the initiation and termination times for the West in WEQ-006-5 (Manual Time Error Correction) from -5/+5 and $\pm 0.5/\pm 0.5$ respectively, to -30/+30 and -25/+25 respectively. <b>(To be applied to Version 003.1)</b>   |
| April 28, 2015    | MC15007          | Minor Correction to the NAESBWEQ Business Practice Standards WEQ-012 (Public Key Infrastructure (PKI)). Add additional language to WEQ-012-1.21.1 to indicate that these requirements are now found within the ACA Accreditation Specification. This language was inadvertently left out of the recommendation for 2012 WEQ Annual Plan Item 4.c.i-ii/R11014/R1101. <b>(To be applied to Version 003.1)</b>  |
| April 28, 2015    | MC15008          | Minor Correction to the NAESBWEQ Business Practice Standards WEQ-006 (Manual Time Error Correction) Version 003 (page 5), dated July 31, 2012. The request is to remove the references to ERCOT from the table 006-5. The requestor noted that the reference to ERCOT was inadvertently added to the 2012 WEQ-006 procedure on Time-Error Correction.  |
| August 18, 2015   | MC15015          | Minor Correction to NAESB WEQ Business Practice Standards Version 003.1, WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.1, WEQ-002 (OASIS Standards and Communication Protocol (S&CP)) Version 2.1, and WEQ-013 (OASIS Implementation Guide) Version 2.1 - To change the wording of the phrases “shall have the right to”, “shall be allowed to”, “shall be permitted, but is not required, to”, “shall be permitted to”, and “shall have the ability to” to “may”. Along with other consistency changes.   |

| EC Date           | Minor Correction | Minor Correction Description  |
|-------------------|------------------|---|
| September 8, 2015 | MC15019          | Minor Correction to NAESB WEQ Business Practice Standards Version 003.1, WEQ-000 (Abbreviations, Acronyms, and Definition of Terms), WEQ-002 (OASIS Standards and Communication Protocols (S&CP)) Version 2.1, WEQ-003 (OASIS Data Dictionary) Version 2.1, and WEQ-013 (OASIS Implementation Guide) Version 2.1. In reviewing the publication draft for NAESB WEQ Business Practice Standards, Version 003.1, several references to OASIS Version 2.0 need to be updated to OASIS Version 2.1, as well as, references to the Electronic Tagging Functional Specification Version 1.8.1.1 updated to Version 1.8.2 for consistency. |

### No Action Recommendations

Following the publication of Version 003 of the WEQ Business Practice Standards, thirteen standards development efforts were deemed to require no action by NAESB as they have been addressed by other NAESB efforts or were evaluated by the assigned subcommittee that determined additional standards development work was unnecessary. When a subcommittee makes the determination to not pursue action on a standards development item, the no action recommendation is posted for a thirty-day, formal comment period. The Executive Committee then reviews the proposed no action recommendation and any comments submitted during the formal comment period. The recommendation must pass a simple majority vote of the Executive Committee but does not require membership ratification, as that process is reserved for the creation of new standards and modifications or deletions of existing standards. The following table provides information on the thirteen no action recommendations the Executive Committee has approved since the last publication.

| EC Date         | Recommendation                | Recommendation Description   |
|-----------------|-------------------------------|--|
| August 20, 2013 | WEQ 2013 Annual Plan Item 1.e | Develop and/or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy.  |
| August 20, 2013 | WEQ 2013 Annual Plan Item 1.f | Develop, modify or delete business practices to support Time Error, Automatic Generation Control (AGC), and Inadvertent Accounting (BAL-005, and BAL-006) (NERC Project 2010-14.2 Phase 2 of Balancing Authority Reliability-based Controls: Time Error, AGC, and Inadvertent Interchange Payback. |

| EC Date           | Recommendation   | Recommendation Description   |
|-------------------|--|--|
| August 20, 2013   | WEQ 2013 Annual Plan Item 4.a.ii   | Review the FERC Report, "Report on Use of North American Energy Standards Board Public Key Infrastructure Standards," Docket No. EL12-86-000, issued on August 27, 2012, to determine which standards changes are needed to be responsive to suggestions made by the Commission. |
| October 22, 2013  | Request R13004   | Revise both the WEQ-004 business practice standards and the e-Tag Specification to allow registered Market Operators to be specified in e-Tag roles that better reflect their participation in Tagged Transactions.  |
| February 18, 2014 | WEQ 2013 Annual Plan Item 1.n  | Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-1) to ensure coordination between NERC and NAESB.   |
| February 18, 2014 | WEQ 2013 Annual Plan Item 4.a.i  | Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: US-Cert Vulnerability Note VU#864643).  |
| February 18, 2014 | WEQ 2014 Annual Plan Item 1.e  | Coordinate with NERC on changes to the definition of Bulk Electric System NERC Project 2010-17 Definition of Bulk Electric System (Phase 2).   |
| April 29, 2014    | WEQ 2014 Annual Plan Item 1.i  | Coordinate with NERC on NERC Project 2012-08 Glossary Updates.   |
| August 19, 2014   | WEQ 2014 Annual Plan Item 1.f  | Develop complementary standards that align with NERC Project 2013-04 (formerly Project 2008-01 and now rolled into Project 2013-04) Voltage and Reactive Planning and Control. A SAR was finalized in April 2011.  |
| August 19, 2014   | WEQ 2014 Annual Plan Item 1.g  | Develop complementary standards that align with NERC Project 2010-4 Demand Data.   |
| February 24, 2015 | WEQ 2014 Annual Plan Item 8.b<br><i>(formerly WEQ 2014 Annual Plan Item 7.b)</i> | Develop a specification for demand response products and services to support a certification program.  |
| August 18, 2015   | WEQ 2015 Annual Plan Item 3.a.i.2  | Initiate standard that eliminates the disparity of posting "sensitive" information. This standard should also include procedures of user certification that allows access to this class of information.  |

| EC Date         | Recommendation                | Recommendation Description   |
|-----------------|-------------------------------|--|
| August 18, 2015 | WEQ 2015 Annual Plan Item 4.b | Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specifications. |

### **ACCESS TO NAESB STANDARDS**

NAESB copyrights all NAESB Business Practice Standards, and they are protected by federal copyright law. NAESB alone has the rights to publish, reproduce, display, and distribute these copyright protected standards. As a benefit of membership, NAESB members may obtain, free of purchase, a copy of the standards as well as utilize hyperlinks that direct an authorized user to an online protected version of the standards. All standards are available for purchase by non-members, which includes agents, subsidiaries, and affiliates of members, including an entire publication version, standards by topic, or a final action prior to the publication of a new version. The price of standards and final actions are available on the NAESB website.<sup>43</sup> Additionally, NAESB maintains a publically accessible report of NAESB members<sup>44</sup> that have access to the standards as well as non-members who have purchased the standards, obtaining lawful access.<sup>45</sup> The list of NAESB membership and non-members with valid access to Version 3.1 of the WEQ Business Practice Standards is provided in Appendix H of this report.

Non-members, including agents, subsidiaries, and affiliates of members, are provided with ample opportunities to obtain access to the copyright protected NAESB Business Practice Standards through a limited copyright waiver. NAESB grants these waivers to non-members for the purpose of evaluating standards prior to purchase and/or reviewing the standards in order to prepare comments to regulatory agencies. The limited copyright waiver allows the non-member to view the standards for a set period of time through the use of LockLizard Safeguard Secure Viewer.<sup>46</sup> There is no cost associated with obtaining the limited copyright waiver, which provides read-only access to the standards. NAESB grants non-member companies one limited waiver per each set of standards or final actions. Non-members seeking copyright waivers should contact the NAESB office.

In accordance with federal copyright law, NAESB prohibits the reproduction of any portion of copyright protected standard by any person or entity. This includes the reproduction of all or a portion of a NAESB standard in any FERC compliance filing and/or tariff. Entities that need to refer to specific standards in these filings may reference specific standard numbers. However, NAESB recognizes that there may be instances in which a reference to a standard number is not adequate for full comprehension. In such cases, NAESB maintains a self-executing waiver process by which NAESB grants members and non-member purchasers of NAESB standards a limited

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<sup>43</sup> The NAESB Materials Order Form should be used to order any NAESB copyrighted material. The order form lists the cost of each item and can be accessed through a link on the NAESB homepage.

<sup>44</sup> The report on NAESB membership is available at the following link: <https://naesb.org/pdf4/memstats.pdf>.

<sup>45</sup> The report containing the non-members who have purchased copies of NAESB copyrighted materials is available at the following link: <https://naesb.org/pdf2/copyright.pdf>.

<sup>46</sup> For more information about LockLizard Safeguard Secure Viewer, please refer to the company's website: <http://www.locklizard.com/>.

waiver to utilize a full or partial quotation of standards language.<sup>47</sup> To utilize this waiver, entities must have obtained valid access to NAESB standards, either through NAESB membership or purchase and appropriately cite to the NAESB copyright. The self-executing waiver is limited to standards language quotations in proposed and/or approved tariffs and tariff sheets, compliance filings, communications with customers and/or stakeholders in conducting day-to-day business, communications with regulatory agencies, and in electronic or other mediums making tariffs, tariff sheets, and other documents available to the public as required by law. The only exception to this requirement is NAESB WGQ Standard Nos. 1.3.2 and 4.3.2. NAESB has entered an agreement with the Commission that enables all entities, without first executing a limited copyright waiver, to quote these standards verbatim. Beyond quotations of these two standards or quotations made under the self-executing waiver, NAESB considers it a copyright infringement to quote any portion of its standards as part of filings with the Commission and would be entitled to take legal action in such instances.

## CONCLUSION

NAESB would like to express appreciation to FERC and its staff members who act as liaisons between NAESB and the Commission. These informal relationships are immeasurably helpful to the NAESB standards development process, and NAESB is grateful for the continued support of the Commission. Additionally, NAESB would like to recognize NERC and its staff members' contributions. NAESB and NERC enjoy a close, coordination relationship that ensures reliability and commercial consistency for the industry. Furthermore and importantly, NAESB would like to thank the industry participants that contributed to creation of the recommendations for standards development resulting in Version 003.1 of the WEQ Business Practice Standards. Without such industry support including the leadership provided by our members, we would not be able to provide the work products present in this report.

NAESB voluntarily submits this report to inform the Commission on the actions taken to develop the standards included as part of Version 003.1 of the WEQ Business Practice Standards. This report is informational in nature, and NAESB does not advocate a particular position the Commission should take in regards to any of the standards that comprise Version 003.1 of the WEQ Business Practice Standards. The last major filing NAESB submitted to the Commission was in 2012 for Version 003 of the WEQ Business Practice Standards. As always, NAESB is ready and willing to support any Commission guidance deemed appropriate regarding future standards development or filing schedules with the Commission.

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<sup>47</sup> The procedure regarding the Self-Executing Waiver can be accessed at the following link: [https://naesb.org/pdf4/self-executing\\_waiver\\_procedure.pdf](https://naesb.org/pdf4/self-executing_waiver_procedure.pdf).

**LIST OF NEW STANDARDS, STANDARDS MODIFICATIONS AND INTERPRETATIONS FOR  
VERSION 003.1**

**Request Cross Reference:**

The request cross reference lists each standard either modified or created in Version 003.1, its description, the request that instigated the change, and a brief description of the change itself. If the change was originated through a minor correction, the date of the minor correction is given. The table is sorted by standard numbering shown below. If a standards manual is noted, it is for the set of standards that directly follow and is indicated by the series of standards within the manual.

The standards follow a numbering convention which is x-y.z(n):

- x                    standard number and topic
- y                    subordinate category or section
- z(.n)                optional further subordinate sections for granularity
- A-G, P or M, INT optional: A - (Appendix A or examples)
- B - (Appendix B)
- C - (Appendix C)
- D - (Appendix D)
- E - (Appendix E)
- F - (Appendix F)
- G - (Appendix G)
- P - Principle
- M – Model
- INT – Interpretations

- x                    Business Topic – Standard Number
- 000                    Abbreviations, Acronyms, and Definition of Terms
- 001                    Open Access Same-Time Information Systems (OASIS), Version 2.1
- 002                    OASIS Standards and Communication Protocols (S&CP), Version 2.1
- 003                    OASIS S&CP Data Dictionaries, Version 2.1
- 004                    Coordinate Interchange
- 005                    Area Control Error (ACE) Equation Special Cases
- 006                    Manual Time Error Correction
- 007                    Inadvertent Interchange Payback
- 008                    Transmission Loading Relief (TLR) – Eastern Interconnection
- 009                    Standards of Conduct for Electric Transmission Providers
- 010                    Contracts Related Standards
- 011                    Gas / Electric Coordination
- 012                    Public Key Infrastructure (PKI)
- 013                    OASIS Implementation Guide, Version 2.1
- 014                    WEQ/WGQ eTariff Related Business Practice Standards
- 015                    Measurement and Verification of Wholesale Electricity Demand Response
- 016                    Specifications for Common Electricity Product and Pricing Definition
- 017                    Specifications for Common Schedule Communication Mechanism for Energy Transactions
- 018                    Specifications for Wholesale Standard Demand Response Signals
- 019                    Customer Energy Usage Information Communication
- 020                    Smart Grid Standards Data Elements Table
- 021                    Measurement and Verification of Energy Efficiency Products
- 022                    Electric Industry Registry (EIR)
- 023                    Modeling

y Subordinate category or section to provide granularity, some of which may be specific categories as noted below:

|     |           |   |
|-----|-----------|---|
| 000 | 1         | Abbreviations and Acronyms  |
| 000 | 2         | Definition of Terms   |
| 001 | 0         | RESERVED  |
| 001 | 1         | RESERVED  |
| 001 | 2         | Attribute Values Defining the Period of Service                                     |
| 001 | 3         | Entity Registration   |
| 001 | 4         | On-Line Negotiation and Confirmation Process  |
| 001 | 5         | Procurement of Ancillary and Other Services   |
| 001 | 6         | Pathnaming Business Practice Standards  |
| 001 | 7         | Next Hour Market Service  |
| 001 | 8         | Requirement for Dealing with Multiple, Identical Transmission Service Requests      |
| 001 | 9         | Redirects on a Firm Basis   |
| 001 | 10        | Redirects on a Non-firm Basis   |
| 001 | 11        | Resales   |
| 001 | 12        | Transfers   |
| 001 | 13        | OASIS General Posting Business Practice Standards                                   |
| 001 | 14        | Zero ATC Narrative  |
| 001 | 15        | ATC Change Narrative  |
| 001 | 16        | ATC or AFC Methodology Questions  |
| 001 | 17        | Actual and Forecasted Load  |
| 001 | 18        | RESERVED  |
| 001 | 19        | RESERVED  |
| 001 | 20        | Rollover Rights   |
| 001 | 21        | Granting and Managing a CCO Reservation   |
| 001 | 22        | Information to Audit Usage of CBM   |
| 001 | 23        | Coordination of Requests for Service Across Multiple Transmission Systems           |
| 001 | 24 to 100 | <i>RESERVED for growth in the development of future Business Practice Standards</i> |
| 001 | 101       | NITS - General Requirements   |
| 001 | 102       | NITS - Application  |
| 001 | 103       | NITS - Evaluation of NITS Application   |
| 001 | 104       | NITS - Administrative Changes to the NITS Application                               |
| 001 | 105       | NITS - Modification of Service  |
| 001 | 106       | NITS - Secondary Network Transmission Service                                       |
| 001 | 107       | NITS - Modification of NITS Application Stop Time                                   |
| 001 | INT2      | Clarification of Interpretation Request   |
| 001 | A         | Appendix A - Queue Hoarding   |
| 001 | B         | Appendix B - Redirect Business Practice Standards Examples                          |
| 001 | C         | Appendix C - OASIS Business Practice Standards Exemptions                           |
| 001 | D         | Appendix D - RESERVED   |
| 001 | E         | Appendix E - Contiguity Examples for Coordinated Groups                             |
| 002 | 0         | RESERVED  |
| 002 | 1         | RESERVED  |
| 002 | 2         | Network Architecture Requirements   |
| 002 | 3         | Information Access Requirements   |
| 002 | 4         | General OASIS and PTP Interface Requirements  |
| 002 | 5         | Performance Requirements  |
| 002 | 6 to 100  | <i>RESERVED for growth in the development of future Business Practice Standards</i> |
| 002 | 101       | NITS Interface Requirements   |
| 003 | 0         | OASIS Data Dictionary, Version 2.1  |
| 004 | 0         | RESERVED  |
| 004 | 1 to 3    | Business Practice Standards   |
| 004 | 4         | RESERVED  |
| 004 | 5 to 6    | Business Practice Standards   |
| 004 | 7         | RESERVED  |



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| 004 | 8 to 15  | Business Practice Standards  |
| 004 | 16       | RESERVED   |
| 004 | 17 to 22 | Business Practice Standards  |
| 004 | A        | Appendix A - e-Tagging Service Performance Requirements and Failure Procedures         |
| 004 | B        | Appendix B - Transaction e-Tag Actions   |
| 004 | C        | Appendix C - Data Submission and Modifications   |
| 004 | D        | Commercial Timing Table  |
| 005 | 0        | RESERVED   |
| 005 | 1        | Jointly Owned Units (JOUs)   |
| 005 | 2        | Supplemental Regulation Service  |
| 005 | 3        | Load or Generation Transfer by Telemetry   |
| 005 | A        | Appendix A - Examples of Accounting of JOUs as Pseudo-Tie or Dynamic Schedule          |
| 006 | 0        | RESERVED   |
| 006 | 1 to 3   | Business Practice Standards  |
| 006 | 4        | Time Error Initiation  |
| 006 | 5        | Interconnection Time Monitoring  |
| 006 | 6        | Time Error Correction Labeling   |
| 006 | 7        | Time Correction Offset   |
| 006 | 8        | Interconnection Time Error Notification  |
| 006 | 9        | Western Interconnection Time Error Notification  |
| 006 | 10       | Business Practice Standards  |
| 006 | 11       | Time Correction on Reconnection  |
| 006 | 12       | Leap Seconds   |
| 007 | 0        | RESERVED   |
| 007 | 1        | Inadvertent Interchange Payback  |
| 007 | 2        | Other Payback Methods  |
| 007 | A        | Appendix A - Inadvertent Interchange On-and Off-Peak Periods                           |
| 008 | 0        | RESERVED   |
| 008 | 1        | General Requirements Regarding Use of Interconnection-wide TLR Procedures              |
| 008 | 2        | Interchange Transaction Priorities for Use with Interconnection-wide TLR Procedures    |
| 008 | 3        | Eastern Interconnection Procedure for Physical Curtailment of Interchange Transactions |
| 008 | A        | Appendix A - Examples of On-Path and Off-Path Mitigation                               |
| 008 | B        | Appendix B - Example Calculations of the Per Generator Method                          |
| 008 | C        | Appendix C - Transaction Curtailment Formula   |
| 008 | D        | RESERVED   |
| 009 | 0        | RESERVED   |
| 009 | 1        | RESERVED   |
| 009 | 2        | RESERVED   |
| 009 | 3        | RESERVED   |
| 009 | 4        | RESERVED   |
| 009 | 5        | RESERVED   |
| 009 | 6        | RESERVED   |
| 010 | 1        | NAESB Funds Transfer Agreement (FTAA) - Electric Power                                 |
| 011 | 0        | RESERVED   |
| 011 | 1        | Business Practice Standards  |
| 011 | INT1     | Clarification or Interpretation Request  |
| 012 | 0        | RESERVED   |
| 012 | 1        | Business Practice Standards  |
| 013 | 0        | RESERVED   |
| 013 | 1        | RESERVED   |
| 013 | 2        | PTP OASIS Transaction Processing   |
| 013 | 3        | Specific Template Implementation   |
| 013 | 4        | RESERVED   |
| 013 | 5        | OASIS Data Mapping Cross Reference - Field Value Conversions                           |
| 013 | 6 to 100 | <i>RESERVED for growth in the development of future Business Practice Standards</i>    |

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|-----|--------|---|
| 013 | 101    | General NITS Application and Modification of Service Processing Requirements          |
| 013 | 102    | NITS Application Processing   |
| 013 | 103    | Evaluation of NITS Application  |
| 013 | 104    | NITS Modification of Service Processing   |
| 013 | 105    | Secondary Network Transmission Service  |
| 013 | 106    | NITS - Extension of NITS Application STOP_TIME  |
| 013 | A      | Appendix A - Example for Business Practice Standard WEQ-001-15: ATC Change Narrative  |
| 013 | B      | Appendix B - Example for Business Practice Standard WEQ-001-14: Zero Change Narrative |
| 013 | C      | Appendix C - File Request and File Download Examples                                  |
| 013 | D      | Appendix D - Ancillary Service Linkage Examples                                       |
| 013 | E      | Appendix E - NITS Examples  |
| 014 | 0      | RESERVED  |
| 014 | 1 to 2 | eTariff Related Business Practice Standards   |
| 014 | A      | Appendix A - Implementation Guide for Electronic Tariff Filing                        |
| 015 | 0      | RESERVED  |
| 015 | 1      | General Business Practice Standards   |
| 016 | 0      | RESERVED  |
| 016 | 1      | Specifications for Common Electricity Product and Pricing Definition                  |
| 016 | 2      | Product and Pricing Use Cases   |
| 016 | A      | Appendix A - Entity-Relationship Model  |
| 017 | 0      | RESERVED  |
| 017 | 1      | Specification for Common Schedule Communication Mechanism for Energy Transactions     |
| 017 | 2      | Common Schedule Communication Mechanism for Energy Transactions Use Cases             |
| 017 | A      | Appendix A - Entity-Relationship Model  |
| 018 | 0      | RESERVED  |
| 018 | 1      | Specifications for Wholesale Standard Demand Response Signals                         |
| 018 | A      | Appendix A - Entity-Relationship Model  |
| 018 | B      | Appendix B - Use Case Combinations  |
| 019 | 0      | RESERVED  |
| 019 | 1      | Principles  |
| 019 | 2      | Energy Usage Information Business Practice Standards                                  |
| 019 | 3      | Energy Usage Information Model  |
| 020 | 0      | RESERVED  |
| 020 | 1      | Smart Grid Standards Data Elements Table  |
| 021 | 0      | RESERVED  |
| 021 | 1      | Introduction and Principles   |
| 021 | 2      | Applicability   |
| 021 | 3      | Business Practice Standards   |
| 022 | 0      | RESERVED  |
| 022 | 1      | Registration  |
| 022 | 2      | Ongoing Data Maintenance  |
| 022 | 3      | Publication   |
| 022 | 4      | Approvals   |
| 022 | 5      | Delegation  |
| 023 | 0      | RESERVED  |
| 023 | 1      | General Requirements  |
| 023 | 2      | ATC Requirements  |
| 023 | 3      | CBM Scheduling Requirements   |
| 023 | 4      | TRM Requirements  |
| 023 | 5      | Postback Requirements   |
| 023 | 6      | Grandfathered Agreements  |
| 023 | A      | Appendix A - Postback Conditions for Use in Calculation of ATC and AFC                |

| <b>Request Cross Reference</b>                                  |                          |  |   |
|---|--------------------------|--|---|
| <b>Standard</b>   | <b>Description</b>       | <b>Request No.</b>   | <b>Action</b>   |
| <b>WEQ-000</b> Abbreviations, Acronyms, and Definition of Terms |                          |  |   |
| 000-1   | Abbreviations / Acronyms | WEQ 2012 Annual Plan Items 4.c.i-ii / R11014 / R11015 (10/04/2012) | Add Abbreviation / Acronym “Accreditation Specification” for NAESB Accreditation Requirements for Authorized Certification Authorities  |
| 000-1   | Abbreviations / Acronyms | WEQ 2012 Annual Plan Item 4.a (11/28/2012)                         | Add Abbreviations / Acronyms “HTTPS – Hypertext Transport Protocol Secure” and “TLS – Transport Layer Security.”  |
| 000-1   | Abbreviations / Acronyms | WEQ 2013 Annual Plan Item 3.d (09/23/2013)                         | Add NAESB WEQ Business Practice Standards WEQ-022 Abbreviations / Acronyms “ERO – Electric Reliability Organization, GLN – Global Location Number, PKICA – Public Key Infrastructure Certificate Authority, and RRO – Regional Reliability Organization.”   |
| 000-1   | Abbreviations / Acronyms | WEQ 2014 Annual Plan Item 3.a.ii (9/24/2014)                       | Delete Abbreviation / Acronym “IA – Interchange Authority.” Add the Abbreviation/Acronym “MO – Market Operator.”  |
| 000-1   | Abbreviations / Acronyms | WEQ 2015 Annual Plan Item 1.e / R14002 (9/18/2015)                 | Add NAESB WEQ Business Practice Standards WEQ-023 Abbreviations / Acronyms ‘GTL – Generation-to-Load, OTDF – Outage Transfer Distribution Factor, PTDF – Power Transfer Distribution Factor.’   |
| 000-2   | Definition of Terms      | Retail 2012 Annual Plan Item 3(b) (10/24/2012)                     | Modify for coordination with the Retail Glossary and WEQ Glossary the definitions of defined terms “Demand Reduction Value” and “Energy Efficiency”   |
| 000-2   | Definition of Terms      | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012)                | Modify the definition of defined term “Interchange Authority (IA) Service Entity” to support NAESB WEQ PKI Business Practice Standard (WEQ-012).  |
| 000-2   | Definition of Terms      | WEQ 2013 Annual Plan Item 3.d (09/23/2013)                         | Add Definition of Terms for NAESB WEQ Business Practice Standards WEQ-022 “Application Service Provider, Code-Role pair, Compliance Registry, DUNS Number, Electric Industry Registry (EIR) Entity, Electric Reliability Organization (ERO), Global Location Number (GLN), Market Operator, Observer, Public Key Infrastructure Certificate Authority (PKICA), Regional Reliability Organization (RRO) and Registry Administrator.” |
| 000-2   | Definition of Terms      | MC14004 (03/31/2014)   | Minor correction to the Definition of Term “System Operator.” Modify the definition by deleting the reference “(Based on NERC definitions)” to have a clear understanding of NAESB’s intended definition for the term System Operator as used in the NAESB Business Practice Standards WEQ-015 and WEQ-021 as published in NAESB WEQ BPS, Version 003.  |

| <b>Request Cross Reference</b> |                     |  |  |
|--------------------------------|---------------------|--|--|
| <b>Standard</b>                | <b>Description</b>  | <b>Request No.</b>   | <b>Action</b>  |
| 000-2                          | Definition of Terms | R14001<br>(06/05/2014)   | Modify the following definition of terms to coordinate with NERC definitions modified by the NERC Coordinate Interchange Standard Drafting Team (CISDT): Dynamic Schedule, Pseudo-tie, Request for Interchange (RFI), Arranged Interchange, Confirmed Interchange, Sink Balancing Authority, and Source Balancing Authority.   |
| 000-2                          | Definition of Terms | WEQ 2014 Annual Plan Item 3.a.ii<br>(WEQ Final Action)<br>(09/24/2014) | Delete the following definition of terms: Interchange Authority (IA), Interchange Authority (IA) Service Entity, and Market Period. Modify the following definition of terms: Market Operator (MO) and Requesting Purchasing-Selling Entity (PSE). Add the following new definition of terms: e-Tag Agent Service, e-Tag Approval Service, and e-Tag Authority Service.  |
| 000-2                          | Definition of Terms | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)                          | Modify defined terms/definitions as follows to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc: 'Capacity Available to Redirect' changed to 'Uncommitted Capacity', 'Capacity Eligible for Rollover' changed to 'Eligible Rollover Capacity' and the definition for 'Unexercised Rollover Rights.'  |
| 000-2                          | Definition of Terms | R15004<br>(09/18/2015)   | Add the defined term/definition 'Intra-BA Transaction' for Business Practice Standards WEQ-004.  |
| 000-2                          | Definition of Terms | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015)                 | Add Definition of Terms for NAESB WEQ Business Practice Standards WEQ-023 "Area Interchange Methodology, Available Transfer Capability Implementation Document (ATCID), Available Transfer Capability (ATC) Path, Capacity Benefit Margin Implementation Document (CBMID), Flowgate Methodology, Generation-to-Load (GTL), Rated System Path Methodology, and Transmission Reliability Margin Implementation Document (TRMID). |
| 000-2                          | Definition of Terms | R15005<br>(09/25/2015)   | Modify the definition of term "Identical Service Requests" by deleting the Data Element "CUSTOMER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide an placeholder value that can be inserted in lieu of an actual DUNS number.]                           |
| 000-2                          | Definition of Terms | MC15019<br>(09/30/2015)  | Modify the definition by changing the OASIS Version reference from '2.0' to '2.1' in the following terms: Open Access Same-Time Information System (OASIS) Data Dictionary, Open Access Same-Time Information System (OASIS) Implementation Guide, and Open Access Same-Time Information System (OASIS) Standards and Communication Protocols (S&CP).  |

| <b>Request Cross Reference</b>  |                            |   |   |
|---|----------------------------|---|---|
| <b>Standard</b>   | <b>Description</b>         | <b>Request No.</b>                            | <b>Action</b>   |
| <b>WEQ-001</b> Open Access Same-Time Information Systems (OASIS) Business Practice Standards, Version 2.1 |                            |   |   |
| 001-3.1   | Business Practice Standard | R15005<br>(09/25/2015)                        | Modify the Business Practice Standard language by deleting “(including DUNS number).” [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide an placeholder value that can be inserted in lieu of an actual DUNS number.] |
| 001-4.9.1   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall be allowed to” to “may”.  |
| 001-4.9.4.1   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d<br>(06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group  |
| 001-4.9.4.1   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall be permitted, but is not required, to” to “may”.  |
| 001-4.9.4.2   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d<br>(06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group.   |
| 001-4.9.4.3   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall be permitted, but is not required, to” to “may”.  |
| 001-4.10.6  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d<br>(06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group.   |
| 001-4.10.6.3  | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall be permitted, but is not required, to” to “may”.  |
| 001-8.1   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |
| 001-8.1.1   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |
| 001-8.2   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |
| 001-8.3   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |
| 001-8.3.1   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |
| 001-8.3.2   | Business Practice Standard | MC15015<br>(09/18/2015)                       | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>  |
| 001-9                          | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify the heading to remove ‘Requirements for dealing with’ so the heading reads ‘Redirects on a Firm Basis’ and add introductory paragraph for consistency with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.1.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.1.3.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 001-9.1.3.3                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 001-9.2                        | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.3                        | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.3.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.4.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.4.2.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 001-9.5                        | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.5.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.5.1.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 001-9.5.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-9.5.2.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>  |
| 001-9.5.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.5.4                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-9.6.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.6.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-9.7.1.3                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.1.4                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.3.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.6                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.7                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.8                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.8.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.8.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.8.2.1                  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-9.7.8.2.1.1                | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-9.7.8.2.2                  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>  |
| 001-9.7.8.2.2.1                | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-9.7.9.1                    | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall be allowed to" to "may".   |
| 001-9.7.11                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10                         | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.1                       | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.2                       | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.3                       | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall be allowed to" to "may".   |
| 001-10.3.1                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.4.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.4.2.1                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-10.5                       | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.5.1                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.5.1.1                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-10.5.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-10.5.2.1                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015) | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-10.5.3                     | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |



| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 001-10.5.3.3                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-10.5.3.6                   | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may", and change the word "REFUSE" to "refuse".   |
| 001-10.5.3.6.1                 | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall be allowed to" to "may".   |
| 001-10.5.3.8                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-10.6.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 001-10.8                       | Business Practice Standard | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Modify Business Practice Standard by changing reference from "Version 1.8.1 Electronic Tagging Functional Specification" to "Version 1.8.1.1 Electronic Tagging Functional Specification" to support NAESB WEQ PKI Business Practice Standard (WEQ-012). |
| 001-10.8                       | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right, but are in no means obligated, to" to "may". Change the Electronic Tagging Functional Specification Version reference from "1.8.1.1" to "1.8.2" for consistency.             |
| 001-11                         | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-11.1.5                     | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-11.1.7                     | Business Practice Standard | WEQ 2015 Annual Plan Item 5.b / R08027 (09/18/2015) | Modify the Business Practice Standards to provide for a resale off OASIS to be put on OASIS as the STATUS of ACCEPTED.   |
| 001-11.3                       | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-11.3.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-11.3.2                     | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-11.3.5                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 001-11.3.5.1                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                     | <b>Action</b>  |
| 001-11.6                       | Business Practice Standard | MC15015<br>(09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-11.6.2                     | Business Practice Standard | MC15015<br>(09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-11.6.4                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)          | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-11.6.4.1                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)          | Add Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.    |
| 001-11.7                       | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-12                         | Business Practice Standard | MC15015<br>(09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-14.1.3                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.a<br>(06/01/2015)          | Modify the Business Practice Standard to meet the Commission's requirement to post the ATC narratives in one day.                          |
| 001-15.1.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.a<br>(06/01/2015)          | Modify the Business Practice Standard to meet the Commission's requirement to post the ATC narratives in one day.                          |
| 001-18                         | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Delete Business Practice Standard  |
| 001-18.1                       | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Delete Business Practice Standard  |
| 001-18.1.1                     | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Delete Business Practice Standard  |
| 001-18.1.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Delete Business Practice Standard  |
| 001-18.1.2.1                   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Delete Business Practice Standard  |
| 001-18.1.2.2                   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Delete Business Practice Standard  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 001-18.1.2.3                   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-18.1.3                     | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-18.2                       | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-19                         | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-19.1                       | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-19.1.1                     | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-19.1.2                     | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Business Practice Standard  |
| 001-20.2.2                     | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to" to "may".   |
| 001-20.2.3                     | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall have the right to withdraw their acceptance" to "may withdraw acceptance".     |
| 001-20.2.4                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-20.3                       | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc. |
| 001-21.3.1.2                   | Business Practice Standard | WEQ 2015 Annual Plan Item 6.a (09/18/2015)          | Modify the Business Practice Standard to explicitly permit a Transmission Provider to extend the performance of the Biennial Reassessment. |
| 001-21.3.1.2.1                 | Business Practice Standard | WEQ 2015 Annual Plan Item 6.a (09/18/2015)          | Modify the Business Practice Standard to explicitly permit a Transmission Provider to extend the performance of the Biennial Reassessment. |
| 001-21.3.1.2.3                 | Business Practice Standard | WEQ 2015 Annual Plan Item 6.a (09/18/2015)          | Modify the Business Practice Standard to explicitly permit a Transmission Provider to extend the performance of the Biennial Reassessment. |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>   |
| 001-21.3.1.2.4                 | Business Practice Standard | WEQ 2015 Annual Plan Item 6.a (09/18/2015) | Modify the Business Practice Standard to explicitly permit a Transmission Provider to extend the performance of the Biennial Reassessment.  |
| 001-23.1.6                     | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall be permitted to" to "may".  |
| 001-23.2.1                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 001-23.3.4.2                   | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "or shall be permitted to" to "may".   |
| 001-23.3.5                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 001-23.3.5.6                   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015) | Add the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group.    |
| 001-23.3.7                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 001-23.3.8                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 001-23.3.9                     | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015) | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 001-101.10                     | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall have the ability to" to "may".  |
| 001-101.13.4                   | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall be permitted to" to "may".  |
| 001-104.1                      | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall have the right to" to "may".  |
| 001-105.1.1                    | Business Practice Standard | MC15015 (09/18/2015)                       | Minor correction to change the wording of the phrase "shall have the right to" to "may".  |

| <b>Request Cross Reference</b>   |                            |   |  |
|--|----------------------------|---|--|
| <b>Standard</b>  | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 001-106.2.1  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.c (06/01/2015)          | Modify the Business Practice Standard to meet the Commission requirements to clarify when Transmission Providers may refuse a request for terminating secondary network service based on the availability of capacity. |
| 001-106.2.1.1  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.c (06/01/2015)          | Add the Business Practice Standard to meet the Commission requirements to clarify when Transmission Providers may refuse a request for terminating secondary network service based on the availability of capacity.    |
| 001-106.2.5  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.c (06/01/2015)          | Modify the Business Practice Standard to meet the Commission requirements to clarify when Transmission Providers may refuse a request for terminating secondary network service based on the availability of capacity. |
| 001-B  | Appendix                   | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Appendix to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 001-D  | Appendix                   | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Delete Appendix A [Included in WEQ-023 Modeling Business Practice Standards.]  |
| <b>WEQ-002</b> Open Access Same-Time Information System (OASIS) Standards & Communication Protocols, Version 2.1 |                            |   |  |
| 002-2.1  | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall be permitted to" to "may".   |
| 002-2.3  | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Modify the Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.                                 |
| 002-3.1  | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Modify the Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.                                 |
| 002-3.4  | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase "shall be allowed to" to "may".   |
| 002-4.2.1.1  | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Modify the Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.                                 |
| 002-4.2.1.2  | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Modify the Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.                                 |
| 002-4.2.1.3  | Business Practice Standard | MC15019 (09/30/2015)                                | Minor correction to change the OASIS Version references from '2.0' to '2.1'.   |

| <b>Request Cross Reference</b> |                            |   |   |
|--------------------------------|----------------------------|---|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>   |
| 002-4.2.8.2                    | Business Practice Standard | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Modify Business Practice Standard by changing reference from “Version 1.8.1 Electronic Tagging Functional Specification” to “Version 1.8.1.1 Electronic Tagging Functional Specification” to support NAESB WEQ PKI Business Practice Standard (WEQ-012).  |
| 002-4.2.8.3                    | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase “shall have the right to” to “may”.  |
| 002-4.2.10.3.1                 | Business Practice Standard | MC14003 (03/31/2014)                                | Minor correction to delete the reference to (e.g., //www.tsin.com) for consistency in the WEQ-002 Business Practice Standards (Version 2.0) published in NAESB WEQ BPS, Version 003   |
| 002-4.3.6.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 002-4.3.6.4.1                  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015)          | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group.   |
| 002-5.1                        | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Modify the Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.  |
| 002-5.1                        | Business Practice Standard | MC15015 (09/18/2015)                                | Minor correction to change the wording of the phrase “shall be allowed to” to “may”.  |
| 002-5.1.1                      | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Add Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.   |
| 002-5.1.2                      | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Add Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.   |
| 002-5.1.3                      | Business Practice Standard | WEQ 2012 AP Item 4.a (11/28/2012)                   | Add Business Practice Standard to support and enable the NAESB PKI Business Practice Standard (WEQ-012) to provide for standard method of secured access to OASIS applications.   |
| 002-5.10                       | Business Practice Standard | MC15019 (09/30/2015)                                | Minor correction to change the OASIS Version references from ‘2.0’ to ‘2.1’. Change ‘18 months’ to ‘six months’ as it appears twice in paragraph four of the Business Practice Standard for consistency in implementation.  |
| 002-5.10.1                     | Business Practice Standard | MC15019 (09/30/2015)                                | Minor correction to change the OASIS Version references from ‘2.0’ to ‘2.1’. Update the table by deleting all templates except ‘ <i>transstatus</i> ’. For the template ‘ <i>transstatus</i> ’ in the column (New Data Element) delete ‘CG_STATUS’ and add ‘UNCONDITIONAL_TIME’. Modify the sentence below the table by changing the second occurrence of the word ‘required’ to ‘require’. |

| <b>Request Cross Reference</b>  |                            |   |  |
|---|----------------------------|---|--|
| <b>Standard</b>   | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 002-5.10.2  | Business Practice Standard | MC15019<br>(09/30/2015)                             | Minor correction to delete the Business Practice Standards.  |
| 002-5.10.3  | Business Practice Standard | MC15019<br>(09/30/2015)                             | Minor correction to delete the Business Practice Standards.  |
| 002-101.2.10.3.1  | Business Practice Standard | MC14003<br>(03/31/2014)                             | Minor correction to delete the reference to (e.g., //www.tsin.com) for consistency in the WEQ-002 Business Practice Standards (Version 2.0) published in NAESB WEQ BPS, Version 003  |
| 002-101.3.1   | Business Practice Standard | MC15019<br>(09/30/2015)                             | Minor correction to change the OASIS Version references from '2.0' to '2.1'.   |
| 002-101.4.1   | Business Practice Standard | MC15019<br>(09/30/2015)                             | Minor correction to change the OASIS Version references from '2.0' to '2.1'.   |
| <b>WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, Version 2.1</b> |                            |   |  |
| 003-0   | Business Practice Standard | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Modify the definition of data elements SCHEDULE_PRIORITY, TRANSACTION_ID and TRANSACTION_TYPE by changing Version 1.8.1 Electronic Tagging Functional Specification to "Version 1.8.1.1 Electronic Tagging Functional Specification" to support NAESB WEQ PKI Business Practice Standard (WEQ-012).                              |
| 003-0   | Business Practice Standard | MC14003<br>(03/31/2014)                             | Minor correction modifying the Definition of the Data Elements "PRIMARY_PROVIDER_DUNS" and "SELLER_DUNS" by removing the reference to Dun and Bradstreet for consistency in the WEQ-003 Business Practice Standards (Version 2.0) published in NAESB WEQ BPS, Version 003  |
| 003-0   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)          | Modify definition of Data Element "ROLLOVER_CAPACITY" and add the new Data Element 'UNCONDITIONAL_TIME' to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 003-0   | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d (06/01/2015)          | Modify the Data Element 'CR_DISPOSITION' to add 'PREEMPTED' for consistency in Business Practice Standards (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 003-0   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Modify the definition of Data Element 'SYSTEM_ATTRIBUTE' by changing 'FRTM - TRM for use in FATC' to read 'FRTM - TRM for use in firm ATC'; change 'NFTRM - TRM for use in NFATC' to read 'NFTRM - TRM for use in non-firm ATC.'   |

| <b>Request Cross Reference</b>                                    |                            |   |   |
|---|----------------------------|---|---|
| <b>Standard</b>   | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>   |
| 003-0   | Business Practice Standard | WEQ 2015 Annual Plan Item 5.a / R08011 (09/18/2015) | Modify by adding FAFC, NFAFC, and TFC to the list of valid data element values for SYSTEM_ATTRIBUTE and SYSTEM_ELEMENT_TYPE. The addition adds variables to systemdata postings which will be queryable values. [The revisions recognize Order 890-A, paragraph 51, language where FERC allows the posting of AFC values, in addition to ATC.]  |
| 003-0   | Business Practice Standard | R15005 (09/25/2015)                                 | Modify the restricted values and definition for the following Data Elements: AGENT_DUNS, CUSTOMER_DUNS, PRIMARY_PROVIDER_DUNS, and SELLER_DUNS. [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide an placeholder value that can be inserted in lieu of an actual DUNS number.] |
| 003-0   | Business Practice Standard | MC15019 (09/30/2015)                                | Minor correction to change the Electronic Tagging Functional Specifications Version reference from '1.8.1.1' to '1.8.2' in the following Data Elements: SCHEDULED_PRIORITY, TRANSACTION_ID, TRANSACTION_TYPE.   |
| <b>WEQ-004</b> Coordinate Interchange Business Practice Standards |                            |   |   |
| Introduction  | Introduction               | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify by changing "Interchange Schedule" to "Interchange Transaction".   |
| Applicability   | Applicability              | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify by deleting "IA" and adding "MO"   |
| 004-1   | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.  |
| 004-1   | Business Practice Standard | R15004 (09/18/2015)                                 | Modify Business Practice Standard language by adding "and PTP Intra-BA Transactions not represented by alternative methods in congestion management tools." [This standard revision will support the PFV project and ensure continued documentation of PTP Intra-BA Transactions not managed by alternative methods in congestion management tools.]  |
| 004-1.1   | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Delete the word "the" before Business Practice Standard and change "Standard" to "Standards"  |
| 004-1.1   | Business Practice Standard | R15004 (09/18/2015)                                 | Modify Business Practice Standard language by replacing "intra BA transactions" with "PTP Intra-BA Transactions" [This standard revision will support the PFV project and ensure continued documentation of PTP Intra-BA Transactions not managed by alternative methods in congestion management tools.]   |



| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 004-1.7                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-1.7                        | Business Practice Standard | R15004 (09/18/2015)                                 | Modify Business Practice Standard language by deleting the words “abnormal operating”, revising the reference ‘NERC INT-010-2’ to read ‘NERC INT-010-2.1, R1’ [This standard revision will support the PFV project and ensure continued documentation of PTP Intra-BA Transactions not managed by alternative methods in congestion management tools.] |
| 004-2                          | Business Practice Standard | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Modify Business Practice Standard by changing reference from “Version 1.8.1 Electronic Tagging Functional Specification” to “Version 1.8.1.1 Electronic Tagging Functional Specification” to support NAESB WEQ PKI Business Practice Standard (WEQ-012).   |
| 004-2                          | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-2                          | Business Practice Standard | R15004 (09/18/2015)                                 | Modify Business Practice Standard to reflect the current version 1.8.2 Electronic Tagging Functional Specification.  |
| 004-2.1                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-2.3                        | Business Practice Standard | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Add Business Practice Standard to support NAESB WEQ PKI Business Practice Standard (WEQ-012) implementation.   |
| 004-2.3                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-2.3                        | Business Practice Standard | R15004 (09/18/2015)                                 | Modify Business Practice Standard to reflect the current version 1.8.2 Electronic Tagging Functional Specification.  |
| 004-2.4                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-3                          | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-3.1                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Delete Business Practice Standard  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                      | <b>Action</b>  |
| 004-5                          | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-5.1                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.             |
| 004-5.2                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.             |
| 004-6                          | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify by changing the word “Standard” to “Standards”  |
| 004-6.1                        | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-6.1.1                      | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-6.1.2                      | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-6.1.3                      | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-8                          | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-9                          | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-10                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-11                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014) | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                 | <b>Action</b>  |
| 004-11.1                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-11.2                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-12                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-13                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-14                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-14.1                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-15                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-17                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-17.1                       | Business Practice Standard | WEQ 2013 Annual Plan Item 3.a.iii.1-2 (12/02/2013) | Modify Business Practice Standard to support FERC Order No. 764.   |
| 004-17.2                       | Business Practice Standard | WEQ 2013 Annual Plan Item 3.a.iii.1-2 (12/02/2013) | Modify Business Practice Standard to support FERC Order No. 764.   |
| 004-17.3                       | Business Practice Standard | WEQ 2013 Annual Plan Item 3.a.iii.1-2 (12/02/2013) | Modify Business Practice Standard to support FERC Order No. 764.   |
| 004-17.3                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. |
| 004-18                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)            | Modify by changing “RFI” to “RFIs.” Delete “IA” and add “Sink BA”  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 004-18.1                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-18.2                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-19                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Business Practice Standard language based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-20                         | Business Practice Standard | R12010 (06/05/2013)                                 | Add Business Practice Standard to establish default scheduling intervals if intervals have not been defined in a Balancing Authority's or Transmission Service Provider's Governing Documents. NOTE: Governing Documents are defined in WEQ-000.   |
| 004-21                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-21.1                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-21.2                       | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-22                         | Business Practice Standard | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Add Business Practice Standard based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| 004-A                          | Appendix                   | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Modify Appendix section "e-Tag Authority Service" by changing reference "Version 1.8.1 Electronic Tagging Functional Specification" to "Version 1.8.1.1 Electronic Tagging Functional Specification" to support NAESB WEQ PKI Business Practice Standard (WEQ-012).                            |
| 004-A                          | Appendix                   | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)             | Modify Appendix based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. In addition modifications to the appendix to better align the failure procedures that are utilized between the Eastern and Western Interconnection |
| 004-A                          | Appendix                   | R15004 (09/18/2015)                                 | Modify Appendix A, Section A. Performance Requirements to reflect the current version 1.8.2 Electronic Tagging Functional Specification.   |

| <b>Request Cross Reference</b>   |                            |  |   |
|--|----------------------------|--|---|
| <b>Standard</b>  | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 004-B  | Appendix                   | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)                            | Modify Appendix based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. In addition modifications to the appendix to better align the failure procedures that are utilized between the Eastern and Western Interconnection. |
| 004-C  | Appendix                   | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)                            | Modify Appendix based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. In addition modifications to the appendix to better align the failure procedures that are utilized between the Eastern and Western Interconnection. |
| 004-D  | Appendix                   | WEQ 2013 Annual Plan Item 3.a.iii.1-2 (12/02/2013)                 | Modify Appendix to support FERC Order No. 764.  |
| 004-D  | Appendix                   | WEQ 2014 Annual Plan 3.a.ii (9/24/2014)                            | Modify Appendix based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6.   |
| <b>WEQ-006 Manual Time Error Correction Business Practice Standards</b>    |                            |  |   |
| 006-5  | Business Practice Standard | MC14011 (06/09/2014)   | Update the Interconnection Time Monitoring table initiation and termination times for the West from -5/+5 and $\pm 0.5/\pm 0.5$ respectively, to -30/+30 and -25/+25 respectively to bring into agreement with recent WECC policy changes.  |
| 006-5  | Business Practice Standard | MC15008 (06/01/2015)   | Minor correction version 003 to remove references to ERCOT in the table of WEQ-006-5, both columns. ERCOT was inadvertently added to the 2012 WEQ-006 procedure on Time Error Correction.   |
| <b>WEQ-012 Public Key Infrastructure (PKI) Business Practice Standards</b> |                            |  |   |
| Recommended Standard Introduction  |                            | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify introduction as needed to reflect current market conditions.   |
| Certification  |                            | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Deleted Section   |
| Scope  |                            | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify scope as needed to reflect current market conditions.  |
| Commitment to Open Standards   |                            | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify as needed to reflect current market conditions.  |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1                          | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.1                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.2                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.2.1                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.2.2                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.3                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.3.1                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.3.2                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.3.3                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.3.4                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.4                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.4.1                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.4.2                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.4.3                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.4.4                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.4.5                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.5                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard.  |
| 012-1.6                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard.  |
| 012-1.6.1                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard.  |
| 012-1.7                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.8                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.9                        | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.9.1                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.             |
| 012-1.9.2                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard.  |
| 012-1.9.3                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.9.4                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.9.5                      | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.10                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.11                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.12                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |



| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.13                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.14                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.15                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.16                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.17                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.18                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.18.1                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.18.2                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.18.3                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.19.1                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.2                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.3                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.4                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.5                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.6                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.7                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.19.8                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.20                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.21                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.21.1                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard   |
| 012-1.21.1                     | Business Practice Standard | MC15007 (06/01/2015)   | Minor Correction to add additional language 'requirement specified in the Accreditation Specification' to indicate these requirements are now found within the ACA Accreditation Specification. This language was inadvertently left out of the final action for 2012 WEQ Annual Plan Item 4.c.i-ii/R11014/R11015 (Part 2). |
| 012-1.21.2                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012-1.21.3                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012-1.21.4                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012-1.22                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012-1.22.1                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification)  |
| 012-1.22.2                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification)  |
| 012-1.22.3                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |

| <b>Request Cross Reference</b> |                            |  |   |
|--------------------------------|----------------------------|--|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.23                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.23.1                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.23.2                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.23.3                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.23.4                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.23.5                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.24                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.25                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.26                       | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |
| 012-1.26.1                     | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification). |

| <b>Request Cross Reference</b>   |                            |  |   |
|--|----------------------------|--|---|
| <b>Standard</b>  | <b>Description</b>         | <b>Request No.</b>   | <b>Action</b>   |
| 012-1.26.2   | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012-1.26.3   | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012-1.26.4   | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Modify Business Practice Standard as needed to reflect current market conditions.   |
| 012-1.26.5   | Business Practice Standard | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete Business Practice Standard (requirement specified in the Accreditation Specification).   |
| 012 End Notes  |                            | WEQ 2012 AP Items 4.c.i-ii / R11014 / R11015 (Part 2) (10/04/2012) | Delete End Notes  |
| <b>WEQ-013</b> Open Access Same-Time Information Systems (OASIS) Implementation Guide, Version 2.1 |                            |  |   |
| 013-2.6.1  | Business Practice Standard | R15005 (09/25/2015)  | Modify the Business Practice Standard by deleting the following Data Elements: "SELLER_DUNS" and "PRIMARY_PROVIDER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide an placeholder value that can be inserted in lieu of an actual DUNS number.] |
| 013-2.6.1.1  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)                         | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 013-2.6.1.3  | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b (06/01/2015)                         | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.  |
| 013-2.6.1.4  | Business Practice Standard | WEQ 2015 Annual Plan Item 6.a (09/18/2015)                         | Correct the punctuation by replacing the comma at the end of the last sentence of paragraph 4 with a period.  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                            | <b>Action</b>  |
| 013-2.6.2                      | Business Practice Standard | R15005<br>(09/25/2015)                        | Modify the Business Practice Standard by deleting the following Data Elements: "SELLER_DUNS" and "CUSTOMER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.] |
| 013-2.6.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 013-2.6.4                      | Business Practice Standard | R15005<br>(09/25/2015)                        | Modify the Business Practice Standard by deleting the Data Element "SELLER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.]                                 |
| 013-2.6.5.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 013-2.6.5.1                    | Business Practice Standard | R15005<br>(09/25/2015)                        | Modify the Business Practice Standard by deleting the Data Element "SELLER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.]                                 |
| 013-2.6.5.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015) | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 013-2.6.5.2                    | Business Practice Standard | R15005<br>(09/25/2015)                        | Modify the Business Practice Standard by deleting the Data Element "SELLER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.]                                 |
| 013-2.6.6                      | Business Practice Standard | R15005<br>(09/25/2015)                        | Modify the Business Practice Standard by deleting the Data Element "SELLER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.]                                 |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                     | <b>Action</b>  |
| 013-2.6.7                      | Business Practice Standard | R15005<br>(09/25/2015)                                 | Modify the Business Practice Standard by deleting the following Data Elements: "SELLER_DUNS" and "PRIMARY_PROVIDER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.] |
| 013-2.6.7.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 013-2.6.7.1                    | Business Practice Standard | MC15015<br>(09/18/2015)                                | Minor correction to change the wording of the phrase "they shall have the right to" to "the Transmission Provider may".  |
| 013-2.6.7.1                    | Business Practice Standard | R15005<br>(09/25/2015)                                 | Modify the Business Practice Standard by deleting the Data Element "SELLER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.]   |
| 013-2.6.7.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 013-2.6.7.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 5.b / R08027<br>(09/18/2015) | Modify the Business Practice Standards to provide for a resale off OASIS to be put on OASIS as the STATUS of ACCEPTED  |
| 013-2.6.7.2                    | Business Practice Standard | MC15015<br>(09/18/2015)                                | Minor correction to change the wording of the phrase "they shall have the right to" to "the Transmission Provider may".  |
| 013-2.6.7.2                    | Business Practice Standard | R15005<br>(09/25/2015)                                 | Modify the Business Practice Standard by deleting the Data Element "CUSTOMER_DUNS." [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.]                                       |
| 013-2.6.8.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 7.b<br>(06/01/2015)          | Modify Business Practice Standard to be consistent with the Commission's policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc.   |
| 013-2.6.9                      | Business Practice Standard | WEQ 2015 Annual Plan Item 7.d<br>(06/01/2015)          | Modify the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group.  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 013-3.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Modify the data associated with the Data Element 'SYSTEM_ATTRIBUTE' as follows:<br>'FRTM – TRM for use in FATC' to read 'FRTM – TRM for use in firm ATC';<br>'NFTRM – TRM for use in NFATC' to read 'NFTRM – TRM for use in non-firm ATC';<br>'FATC – Firm Available Transfer Capability' to read 'FATC – Firm ATC';<br>'NFATC – Non-firm Available Transfer Capability' to read 'NFATC – Non-firm ATC'.     |
| 013-3.2                        | Business Practice Standard | WEQ 2012 Annual Plan Item 4.b (Part 1) (12/28/2012) | Modify Business Practice Standard by changing reference, Version 1.8.1 Electronic Tagging Functional Specification to “Version 1.8.1.1 Electronic Tagging Functional Specification” to support NAESB WEQ PKI Business Practice Standard (WEQ-012).<br><br>Change the Electronic Tagging Functional Specification Version reference from “1.8.1.1” to “1.8.2” for consistency in the publication.             |
| 013-3.2                        | Business Practice Standard | R15005 (09/25/2015)                                 | Modify the Business Practice Standard by deleting the following Data Elements: “SELLER_DUNS” and “CUSTOMER_DUNS.” [Since DUNS numbers are not specifically required, the definitions in the data elements have been modified to recognize that a valid DUNS number may not be available and the data element definitions provide a placeholder value that can be inserted in lieu of an actual DUNS number.] |
| 013-3.3.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Modify the Business Practice Standard by modifying the following SYSTEM_ATTRIBUTE values:<br>FTRM (change 'TRM for use in FATC' to 'TRM for use in firm ATC'), NFTRM (change 'TRM for use in NFATC' to TRM for use in non-firm ATC'), FATC (change 'Firm Available Transfer Capability' to 'Firm ATC'), and NFATC (change Non-firm Available Transfer Capability' to 'Non-firm ATC')                         |
| 013-3.3.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 5.a / R08011 (09/18/2015) | Modify the Business Practice Standard by adding FAFC, NFAFC, and TFC to the list of valid data element values for SYSTEM_ATTRIBUTE and SYSTEM_ELEMENT_TYPE. The addition adds variables to systemdata postings which will be queryable values. [The revisions recognize Order 890-A, paragraph 51, language where FERC allows the posting of AFC values, in addition to ATC.]                                |
| 013-A                          | Appendix                   | WEQ 2015 Annual Plan Item 7.a (06/01/2015)          | Modify appendix to meet the Commission’s requirement to post the ATC narratives in one day.  |
| 013-C                          | Appendix                   | WEQ 2015 Annual Plan Item 7.d (06/01/2015)          | Modify Appendix by replacing 'Figure yyy' with “Figure 1” in Example 8 for consistency in modifications to the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group.  |



| <b>Request Cross Reference</b>   |                               |  |  |
|--|-------------------------------|--|--|
| <b>Standard</b>  | <b>Description</b>            | <b>Request No.</b>                               | <b>Action</b>  |
| 013-C  | Appendix                      | MC15019<br>(09/30/2015)                          | Minor correction to change the OASIS Version references from '2.0' to '2.1' in Examples 1-3, 5, 7 and 8.   |
| 013-E  | Appendix                      | WEQ 2015 Annual<br>Plan Item 7.d<br>(06/01/2015) | Modify Appendix Example 4 for consistency in modifications to the Business Practice Standard (SAMTS) to permit a customer with preempted transmission capacity from a reservation associated with a Coordinated Group to alter (reduce or terminate) the capacity of Coordinate Requests in the Coordinated Group. |
| 013-E  | Appendix                      | MC15019<br>(09/30/2015)                          | Minor correction to change the OASIS Version references from '2.0' to '2.1' in Example 1.  |
| <b>WEQ-019 Customer Energy Usage Information Communication Business Practice Standards</b> |                               |  |  |
| 019-3  | Business Practice<br>Standard | WEQ 2012 Annual<br>Plan Item 6.a<br>(03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.                         |
| 019-3.1  | Business Practice<br>Standard | WEQ 2012 Annual<br>Plan Item 6.a<br>(03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.                         |
| 019-3.1.6  | Business Practice<br>Standard | WEQ 2012 Annual<br>Plan Item 6.a<br>(03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.                         |
| 019-3.1.9  | Business Practice<br>Standard | WEQ 2012 Annual<br>Plan Item 6.a<br>(03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.                         |
| 019-3.1.10   | Business Practice<br>Standard | WEQ 2012 Annual<br>Plan Item 6.a<br>(03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.                         |
| 019-3.1.13   | Business Practice<br>Standard | WEQ 2012 Annual<br>Plan Item 6.a<br>(03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.                         |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>  |
| 019-3.1.18                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.20                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.22                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.23                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.25                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Delete Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.26                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Delete Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.28                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.29                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>  |
| 019-3.1.31                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.           |
| 019-3.1.32                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.           |
| 019-3.1.39                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.           |
| 019-3.1.40                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Delete Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.           |
| 019-3.1.41                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.           |
| 019-3.1.42                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Modify Business Practice Standard to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.           |
| 019-3.1.43                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "RoleFlags" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.  |
| 019-3.1.44                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "LineDetail" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |

| <b>Request Cross Reference</b> |                            |  |  |
|--------------------------------|----------------------------|--|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>  |
| 019-3.1.45                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "ReadingInterharmonic" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.46                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "RationalNumber" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.       |
| 019-3.1.47                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "AccumulationKind" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.     |
| 019-3.1.48                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "CommodityKind" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.        |
| 019-3.1.49                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "Currency" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.             |
| 019-3.1.50                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "DataQualifierKind" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.    |
| 019-3.1.51                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "MacroPeriodKind" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.      |
| 019-3.1.52                     | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard "MeasuringPeriodKind" to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.  |

| <b>Request Cross Reference</b>  |                            |  |   |
|---|----------------------------|--|---|
| <b>Standard</b>   | <b>Description</b>         | <b>Request No.</b>                         | <b>Action</b>   |
| 019-3.1.53  | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard “PhaseCodeKind” to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.     |
| 019-3.1.54  | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard “TimeAttributeKind” to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.55  | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard “FlowDirectionKind” to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17. |
| 019-3.1.56  | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard “MeasurementKind” to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.   |
| 019-3.1.57  | Business Practice Standard | WEQ 2012 Annual Plan Item 6.a (03/21/2013) | Add Business Practice Standard “UnitSymbolKind” to harmonize the model with other smart grid standards including Smart Energy 2.0, the IEC Common Information Model, the NAESB REQ Energy Service Providers Interface and the ASHRAE standards under development in response to Priority Action Plan 17.    |
| <b>WEQ-022 Electric Industry Registry (EIR) Business Practice Standards</b> |                            |  |   |
| Introduction  |                            | WEQ 2013 Annual Plan Item 3.d (9/23/2013)  | Add “Introduction”  |
| Applicability   |                            | WEQ 2013 Annual Plan Item 3.d (9/23/2013)  | Add “Applicability”   |
| 022-1   | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013)  | Add Business Practice Standard “Registration”   |
| 022-1.1   | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013)  | Add Business Practice Standard “EIR Entity Descriptions”  |
| 022-1.1.1   | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013)  | Add Business Practice Standard  |
| 022-1.1.2   | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013)  | Add Business Practice Standard  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                        | <b>Action</b>  |
| 022-1.1.3                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.1.4                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.1.5                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.1.6                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.1.7                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.1.8                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.1.9                      | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard                                     |
| 022-1.2                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Registration Prerequisites"        |
| 022-1.3                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "EIR Registration and Renewal Fees" |
| 022-1.4                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Contact Information"               |
| 022-1.5                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Application Information"           |
| 022-2                          | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Ongoing Data Maintenance"          |
| 022-2.1                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Objects"                           |
| 022-3                          | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Publication"                       |
| 022-3.1                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Automatic Publication"             |
| 022-3.2                        | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d (9/23/2013) | Add Business Practice Standard "Emergency Change Publication"      |

| <b>Request Cross Reference</b>                      |                            |  |   |
|---|----------------------------|--|---|
| <b>Standard</b>                                     | <b>Description</b>         | <b>Request No.</b>                                     | <b>Action</b>   |
| 022-4   | Business Practice Standard | WEQ 2013 Annual Plan Item 3.d<br>(9/23/2013)           | Add Business Practice Standard “Approvals”            |
| 022-5   | Business Practice Standard | EQ 2013 Annual Plan Item 3.d<br>(9/23/2013)            | Add Business Practice Standard “Delegation”           |
| <b>WEQ-023 Modeling Business Practice Standards</b> |                            |  |   |
| Introduction  |                            | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add “Introduction”                                    |
| Applicability                                       |                            | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add “Applicability”                                   |
| 023-1   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-1.1   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-1.2   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-1.3   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-1.4   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-1.4.1   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-1.5   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “General Requirements” |
| 023-2   | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002<br>(09/18/2015) | Add Business Practice Standard “ATC Requirements”     |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 023-2.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.4                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.5                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.6                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.1.6.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Area Interchange Methodology”  |
| 023-2.2                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.2.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.2.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.2.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |



| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 023-2.2.4                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.2.5                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.2.6                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.2.6.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Rated System Path Methodology” |
| 023-2.3                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.2.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.2.1.1                  | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.2.1.2                  | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.2.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |
| 023-2.3.2.2.1                  | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”          |

| <b>Request Cross Reference</b> |                            |   |   |
|--------------------------------|----------------------------|---|---|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>   |
| 023-2.3.2.2.2                  | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.2.3                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.2.4                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.2.5                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.2.6                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.2.7                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.4                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.4.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.4.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.4.3                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |
| 023-2.3.4.4                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology” |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 023-2.3.4.5                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”        |
| 023-2.3.4.6                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”        |
| 023-2.3.4.7                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”        |
| 023-2.3.5                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”        |
| 023-2.3.6                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Flowgate Methodology”        |
| 023-3                          | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “CBM Scheduling Requirements” |
| 023-3.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “CBM Scheduling Requirements” |
| 023-3.1.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “CBM Scheduling Requirements” |
| 023-3.2                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “CBM Scheduling Requirements” |
| 023-3.3                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “CBM Scheduling Requirements” |
| 023-4                          | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “TRM Requirements”            |
| 023-4.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “TRM Requirements”            |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 023-5                          | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Postback Requirements"     |
| 023-5.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.1.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.1.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.1.2.1                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.1.2.2                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.1.2.3                    | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.1.3                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Determination of Postback" |
| 023-5.2                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Postback Methodology"      |
| 023-6                          | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Grandfathered Agreements"  |
| 023-6.1                        | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Grandfathered Agreements"  |
| 023-6.1.1                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard "Grandfathered Agreements"  |

| <b>Request Cross Reference</b> |                            |   |  |
|--------------------------------|----------------------------|---|--|
| <b>Standard</b>                | <b>Description</b>         | <b>Request No.</b>                                  | <b>Action</b>  |
| 023-6.1.2                      | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Business Practice Standard “Grandfathered Agreements”                  |
| 023-A                          | Business Practice Standard | WEQ 2015 Annual Plan Item 1.e / R14002 (09/18/2015) | Add Appendix A – Postback Conditions for Use in Calculation of ATC or AFC. |

### Version Cross Reference:

The Version Cross Reference lists each NAESB standard number followed by four columns. The column entitled "Adopted" identifies for which version the standard was adopted. The column entitled "Revised" identifies versions where the standard was revised. The column entitled "Interpreted Version" identifies versions where the standard was interpreted. The last column "Interpretation Number" identifies the interpretation number for the version specified in the previous column. The language of the standards themselves can be accessed from the NAESB home page ([www.naesb.org](http://www.naesb.org)). With the Version Cross Reference, a determination can be made of all standards that were created, changed or interpreted for a given version.

For standards that were created in Version 003.1, the "Adopted" column will contain the value "003.1." For standards that were modified in Version 003.1, the "Revised" column will contain the value "003.1." A standard may have multiple revisions specified. For standards that were interpreted in Version 003, the "Interpreted Version" column will contain the value "003.1" and the "Interpretation Number" column will contain the related interpretation number. There were no interpretations processed for Versions 001 or for Version 002.1. A standard may have multiple interpretations specified.

The versions noted in the version cross reference are:

Version 000                      January 15, 2005

Version 000 NAESB WEQ Standards were published on January 15, 2005. Those standards that were federally jurisdictional were submitted to the Federal Energy Regulatory Commission (FERC) on January 18, 2005. The Version 000 standards were the subject of a FERC Rulemaking, Order No. 676, Docket No. RM05-5-000, issued on April 25, 2006, and Order No. 676-B, Docket No. RM05-5-003 issued on April 19, 2007.

Version 001                      October 31, 2007

Version 001 NAESB WEQ Standards were published on October 31, 2007. Those standards that were federally jurisdictional were submitted to the FERC on December 21, 2007. The Version 001 standards were the subject of a FERC Rulemaking, Order No. 676-C, Docket No. RM05-5-005 issued on July 21, 2008. On October 9, 2009 minor corrections were submitted to the FERC (Docket No. RM05-5 et al).

Version 002                      September 30, 2008

Version 002 NAESB WEQ Standards were published on September 30, 2008. Those standards that are federally jurisdictional were submitted to the FERC on August 29, 2008. On October 9, 2009 minor corrections were submitted to the FERC (Docket No. RM05-5 et al).

Version 002.1                    March 11, 2009

Version 002.1 NAESB WEQ Standards were published on March 11, 2009. Those standards that are federally jurisdictional were submitted to the FERC on February 19, 2009. On July 7 and October 9, 2009 minor corrections were submitted to the FERC (Docket No. RM05-5 et al). The Version 002.1 standards were the subject of a FERC Rulemaking, Order No. 676-E, Docket No. RM05-5-013 issued on November 24, 2009. On December 16, 2009 and June 20, 2011 minor corrections were submitted to the FERC (Docket No. RM05-5 et al, Docket No. RM01-5).

Version 003                      July 31, 2012

Version 003 NAESB WEQ Business Practice Standards were published on July 31, 2012. Those standards that are federally jurisdictional were submitted to the FERC on September 18, 2012. On December 20, 2012 and November 27, 2013 minor corrections were submitted to the FERC (Docket Nos. RM05-5-000, RM05-5-022). The Version 003 standards were the subject of a FERC Rulemaking, Order No. 676-H, Docket No. RM05-5-022 issued on September 18, 2014. On October 3, 2014 the FERC issued an errata notice to correct the citations of five of the incorporated standards listed in Paragraphs 18, 89 and in the regulatory text to incorporate Standards WEQ-000, WEQ-001, WEQ-002, WEQ-003 and WEQ-013. It also corrects a date for waiver requests in Paragraph 86. Those Business Practice Standards were the subject of a FERC Rulemaking, Order No. 676-H (Docket No. RM05-5-022).

Version 003.1                      September 30, 2015

Version 003.1 NAESB WEQ Business Practice Standards were published on September 30, 2015. Those standards that are federally jurisdictional were submitted to the Federal Energy Regulatory Commission on October 26, 2015.

| <b>Business Practice Standard</b>   | <b>Adopted</b> | <b>Revised</b>             | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number ( ) – indicates reference</b> |
|---|----------------|----------------------------|---|--|
| <b>WEQ-000</b> Abbreviations, Acronyms, and Definition of Terms   |                |                            |   |  |
| Introduction  | 003            |                            |   |  |
| Applicability   | 003            |                            |   |  |
| 000-1   | 003            | <b>003.1</b>               |   |  |
| 000-1.1   | 003            |                            |   |  |
| 000-2   | 003            | <b>003.1</b>               |   |  |
| <b>WEQ-001</b> Open Access Same-Time Information Systems (OASIS) Business Practice Standards, Version 2.1 |                |                            |   |  |
| Title   | 002.0          |                            |   |  |
| Introduction  | 000            | 002.0<br>003               |   |  |
| Applicability   | 003            |                            |   |  |
| Definition of Terms   | 000            | 001                        |   |  |
| 001-0.1   | 000            | 003<br>RESERVED            |   |  |
| 001-0.2   | 000            | 003<br>RESERVED            |   |  |
| 001-0.3   | 000            | 001<br><br>003<br>RESERVED |   |  |
| 001-0.4   | 000            | 003<br>RESERVED            |   |  |
| 001-0.5   | 000            | 003<br>RESERVED            |   |  |
| 001-0.6   | 000            | 001<br><br>003<br>RESERVED |   |  |
| 001-0.7   | 000            | 003<br>RESERVED            |   |  |
| 001-0.8   | 000            | 003<br>RESERVED            |   |  |

| <b>Business Practice Standard</b> | <b>Adopted</b> | <b>Revised</b>             | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|-----------------------------------|----------------|----------------------------|---|--|
| 001-0.9                           | 000            | 003<br>RESERVED            |   |  |
| 001-0.10                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 001-0.11                          | 000            | 003<br>RESERVED            |   |  |
| 001-0.12                          | 000            | 003<br>RESERVED            |   |  |
| 001-0.13                          | 000            | 003<br>RESERVED            |   |  |
| 001-0.14                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.15                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.16                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.17                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.18                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.19                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.20                          | 001            | 003<br>RESERVED            |   |  |
| 001-0.21                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.22                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.23                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.24                          | 002.0          | 003<br>RESERVED            |   |  |
| 001.0.25                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.26                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.27                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.28                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.29                          | 002.0          | 003<br>RESERVED            |   |  |
| 001-0.30                          | 002.1          | 003<br>RESERVED            |   |  |



| <b>Business Practice Standard</b> | <b>Adopted</b>  | <b>Revised</b>                            | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|-----------------------------------|-----------------|---|---|--|
| 001-0.31                          | 003             | 003<br>RESERVED                           |   |  |
| 001-1.0                           | 000             | 001<br><br>002.1<br>RESERVED              |   |  |
| 001-1.1                           | 000<br>RESERVED |   |   |  |
| 001-1.2                           | 000<br>RESERVED |   |   |  |
| 001-1.3                           | 000<br>RESERVED |   |   |  |
| 001-1.4                           | 000<br>RESERVED |   |   |  |
| 001-1.5                           | 000             | 002.1<br>RESERVED                         |   |  |
| 001-1.6                           | 000             | 002.0<br><br>002.1<br>RESERVED            |   |  |
| 001-1.7                           | 000             | 001<br><br>002.0<br><br>002.1<br>RESERVED |   |  |
| 001-1.8                           | 000             | 002.1<br>RESERVED                         |   |  |
| 001-2.0                           | 000             | 003                                       |   |  |
| 001-2.1                           | 000             | 003                                       |   |  |
| 001-2.1.1                         | 000             |   |   |  |
| 001-2.1.2                         | 000             |   |   |  |
| 001-2.1.3                         | 000             |   |   |  |
| 001-2.1.4                         | 000             |   |   |  |
| 001-2.1.5                         | 000             |   |   |  |
| 001-2.1.6                         | 000             |   |   |  |
| 001-2.1.7                         | 000             |   |   |  |
| 001-2.1.8                         | 000             |   |   |  |
| 001-2.1.9                         | 000             | 002.0                                     |   |  |

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|-----------------------------------|----------------|----------------|---|--|
| 001-2.1.10                        | 000            | 003            |   |  |
| 001-2.1.11                        | 000            | 003            |   |  |
| 001-2.1.12                        | 000            | 003            |   |  |
| 001-2.1.13                        | 000            | 002.0<br>003   |   |  |
| 001-2.1.14                        | 000            | 003            |   |  |
| 001-2.2                           | 000            | 003            |   |  |
| 001-2.2.1                         | 000            |                |   |  |
| 001-2.2.2                         | 000            |                |   |  |
| 001-2.3                           | 000            | 003            |   |  |
| 001-2.3.1                         | 000            |                |   |  |
| 001-2.3.2                         | 000            |                |   |  |
| 001-2.4                           | 000            | 003            |   |  |
| 001-2.5                           | 000            | 001<br>003     |   |  |
| 001-2.5.1                         | 000            |                |   |  |
| 001-2.5.2                         | 000            | 002.0          |   |  |
| 001-2.5.3                         | 000            | 002.0          |   |  |
| 001-2.5.4                         | 000            | 002.0          |   |  |
| 001-2.5.5                         | 000            | 002.0          |   |  |
| 001-2.5.6                         | 000            | 002.0          |   |  |
| 001-2.5.7                         | 000            |                |   |  |
| 001-2.5.8                         | 000            |                |   |  |
| 001-2.5.9                         | 000            |                |   |  |
| 001-2.5.10                        |                | 002.0          |   |  |
| 001-2.6                           | 000            |                |   |  |
| 001-2.6.1                         | 000            |                |   |  |
| 001-2.6.2                         | 000            |                |   |  |

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|-----------------------------------|-----------------|------------------------------------|---|--|
| 001-3                             | 000             |                                    |   |  |
| 001-3.1                           | 000             | 001<br><br>003<br><br><b>003.1</b> |   |  |
| 001-3.2                           | 000             | 003                                |   |  |
| 001-3.3                           | 000             | 003                                |   |  |
| 001-3.4                           | 000             | 003                                |   |  |
| 001-3.5                           | 000             | 003                                |   |  |
| 001-3.6                           | 000             |                                    |   |  |
| 001-4                             | 000             |                                    |   |  |
| 001-4.1                           | 000             | 001<br><br>002.0                   |   |  |
| 001-4.2                           | 000<br>RESERVED |                                    |   |  |
| 001-4.3                           | 000<br>RESERVED |                                    |   |  |
| 001-4.4                           | 000             | 002.0<br>RESERVED                  |   |  |
| 001-4.5                           | 000             | 002.0<br>RESERVED                  |   |  |
| 001-4.6                           | 000             | 002.0<br><br>003                   |   |  |
| 001-4.7                           | 000             | 003                                |   |  |
| 001-4.7.1                         | 002.0           |                                    |   |  |
| 001-4.7.2                         | 002.0           | 003                                |   |  |
| 001-4.7.2.1                       | 002.0           |                                    |   |  |
| 001-4.7.3                         | 002.0           | 003                                |   |  |
| 001-4.7.3.1                       | 002.0           |                                    |   |  |
| 001-4.7.3.2                       | 002.0           | 003                                |   |  |
| 001-4.7.3.3                       | 002.0           |                                    |   |  |
| 001-4.7.3.4                       | 002.0           | 003                                |   |  |

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|-----------------------------------|----------------|----------------|---|--|
| 001-4.7.3.4.1                     | 003            |                |   |  |
| 001-4.7.3.5                       | 002.0          |                |   |  |
| 001-4.8                           | 000            | 002.0          |   |  |
| 001-4.9                           | 000            | 002.0<br>003   |   |  |
| 001-4.9.1                         | 002.0          | <b>003.1</b>   |   |  |
| 001-4.9.2                         | 002.0          |                |   |  |
| 001-4.9.3                         | 002.0          |                |   |  |
| 001-4.9.4                         | 003            |                |   |  |
| 001-4.9.4.1                       | 003            | <b>003.1</b>   |   |  |
| 001-4.9.4.2                       | 003            | <b>003.1</b>   |   |  |
| 001-4.9.4.3                       | 003            | <b>003.1</b>   |   |  |
| 001-4.10                          | 000            | 002.0<br>003   |   |  |
| 001-1.10.1                        | 002.0          |                |   |  |
| 001-4.10.2                        | 002.0          |                |   |  |
| 001-4.10.3                        | 002.0          |                |   |  |
| 001-4.10.4                        | 002.0          |                |   |  |
| 001-4.10.5                        | 003            |                |   |  |
| 001-4.10.6                        | 003            | <b>003.1</b>   |   |  |
| 001-4.10.6.1                      | 003            |                |   |  |
| 001-4.10.6.2                      | 003            |                |   |  |
| 001-4.10.6.3                      | 003            | <b>003.1</b>   |   |  |
| 001-4.11                          | 000            | 003            |   |  |
| 001-4.11.1                        | 003            |                |   |  |
| 001-4.12                          | 000            | 002.0          |   |  |
| 001-4.12.1                        | 002.0          |                |   |  |

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| 001-4.13                          | 000            | 002.0<br>003      |   |  |
| 001-4.14                          | 000            | 002.0             |   |  |
| 001-4.14.1                        | 000            |                   |   |  |
| 001-4.14.2                        | 000            |                   |   |  |
| 001-4.14.3                        | 000            |                   |   |  |
| 001-4.14.4                        | 000            |                   |   |  |
| 001-4.14.5                        | 000            |                   |   |  |
| 001-4.14.6                        | 000            |                   |   |  |
| 001-4.15                          | 000            | 002.0             |   |  |
| 001-4.16                          | 000            | 002.0<br>003      |   |  |
| 001-4.17                          | 000            | 002.0             |   |  |
| 001-4.18                          | 000            | 002.0<br>003      |   |  |
| 001-4.19                          | 000            | 001               |   |  |
| 001-4.20                          | 000            | 001<br>003        |   |  |
| 001-4.21                          | 000            |                   |   |  |
| 001-4.22                          | 000            |                   |   |  |
| 001-4.23                          | 000            |                   |   |  |
| 001-4.24                          | 000            |                   |   |  |
| 001-4.25                          | 000            |                   |   |  |
| 001-4.26                          | 000            | 002.0<br>RESERVED |   |  |
| 001-4.27                          | 000            | 002.0             |   |  |
| 001-5                             | 000            |                   |   |  |
| 001-5.1                           | 000            |                   |   |  |

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| 001-5.2                           | 000            |                |   |  |
| 001-5.3                           | 000            |                |   |  |
| 001-5.4                           | 000            |                |   |  |
| 001-5.5                           | 000            |                |   |  |
| 001-5.6                           | 000            |                |   |  |
| 001-6                             | 000            |                |   |  |
| 001-6.1                           | 000            |                |   |  |
| 001-6.2                           | 000            |                |   |  |
| 001-6.3                           | 000            |                |   |  |
| 001-6.4                           | 000            | 003            |   |  |
| 001-7                             | 000            | 001            |   |  |
| 001-7.1                           | 000            |                |   |  |
| 001-7.2                           | 000            | 003            |   |  |
| 001-7.3                           | 000            |                |   |  |
| 001-7.4                           | 000            |                |   |  |
| 001-7.5                           | 000            |                |   |  |
| 001-7.6                           | 000            |                |   |  |
| 001-7.7                           | 000            |                |   |  |
| 001-7.8                           | 000            |                |   |  |
| 001-7.9                           | 000            |                |   |  |
| 001-7.10                          | 000            |                |   |  |
| 001-7.11                          | 000            |                |   |  |
| 001-7.12                          | 000            |                |   |  |
| 001-7.13                          | 000            |                |   |  |
| 001-7.14                          | 000            |                |   |  |
| 001-7.15                          | 000            |                |   |  |
| 001-7.16                          | 000            |                |   |  |
| 001-8                             | 000            |                |   |  |

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|-----------------------------------|----------------|-------------------------|---|--|
| 001-8.1                           | 000            | <b>003.1</b>            |   |  |
| 001-8.1.1                         | 000            | <b>003.1</b>            |   |  |
| 001-8.2                           | 000            | <b>003.1</b>            |   |  |
| 001-8.3                           | 000            | <b>003.1</b>            |   |  |
| 001-8.3.1                         | 000            | <b>003.1</b>            |   |  |
| 001-8.3.2                         | 000            | <b>003.1</b>            |   |  |
| 001-8.3-A                         | 000            | 001<br>RESERVED         |   |  |
| 001-9                             | 000            | <b>003.1</b>            |   |  |
| 001-9.1                           | 000            | <b>003.1</b>            | 000 / 003                                     | 001-INT2<br>(C11004)                                       |
| 001-9.1.1                         | 000            | 001                     |   |  |
| 001-9.1.2                         | 000            |                         |   |  |
| 001-9.1.3                         | 000            | 001<br><br><b>003.1</b> |   |  |
| 001-9.1.3.1                       | 003            |                         |   |  |
| 001-9.1.3.2                       | <b>003.1</b>   |                         |   |  |
| 001-9.1.3.3                       | <b>003.1</b>   |                         |   |  |
| 001-9.1.4                         | 000            |                         |   |  |
| 001-9.2                           | 000            | <b>003.1</b>            |   |  |
| 001-9.2-A                         | 000            | 001<br>RESERVED         |   |  |
| 001-9.3                           | 000            | <b>003.1</b>            |   |  |
| 001-9.3.1                         | 000            | <b>003.1</b>            |   |  |
| 001-9.3.2                         | 000            |                         |   |  |
| 001-9.3-A                         | 000            | 001<br>RESERVED         |   |  |
| 001-9.4                           | 000            | 001                     |   |  |
| 001-9.4.1                         | 000            |                         |   |  |
| 001-9.4.1-A                       | 000            | 001<br>RESERVED         |   |  |

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|-----------------------------------|----------------|-----------------------|---|--|
| 001-9.4.2                         | 000            | 001<br><b>003.1</b>   |   |  |
| 001-9.4.2.1                       | <b>003.1</b>   |                       |   |  |
| 001-9.4.3                         | 001            |                       |   |  |
| 001-9.4.2-A                       | 000            | 001<br>RESERVED       |   |  |
| 001-9.5                           | 000            | 001<br><b>003.1</b>   |   |  |
| 001-9.5-A                         | 000            | 001<br>RESERVED       |   |  |
| 001-9.5.1                         | 000            | 001<br><b>003.1</b>   |   |  |
| 001-9.5.1.1                       | <b>003.1</b>   |                       |   |  |
| 001-9.5.1-A                       | 000            | 001<br>RESERVED       |   |  |
| 001-9.5.2                         | 000            | 001<br><b>003.1</b>   |   |  |
| 001-9.5.2.1                       | <b>003.1</b>   |                       |   |  |
| 001-9.5.3                         | 000            | 002.1<br><b>003.1</b> |   |  |
| 001-9.5.4                         | <b>003.1</b>   |                       |   |  |
| 001-9.6                           | 000            |                       |   |  |
| 001-9.6.1                         | 000            |                       |   |  |
| 001-9.6.2                         | 000            | <b>003.1</b>          |   |  |
| 001-9.6.3                         | <b>003.1</b>   |                       |   |  |
| 001-9.7                           | 000            | 003                   |   |  |
| 001-9.7.1                         | 003            |                       |   |  |
| 001-9.7.1.1                       | 003            |                       |   |  |
| 001-9.7.1.2                       | 003            |                       |   |  |
| 001-9.7.1.3                       | 003            | <b>003.1</b>          |   |  |



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| 001-9.7.1.4                       | 003            | <b>003.1</b>    |   |  |
| 001-9.7.2                         | 003            |                 |   |  |
| 001-9.7.3                         | 003            |                 |   |  |
| 001-9.7.3.1                       | 003            | <b>003.1</b>    |   |  |
| 001-9.7.4                         | 003            |                 |   |  |
| 001-9.7.5                         | 003            |                 |   |  |
| 001-9.7.6                         | 003            | <b>003.1</b>    |   |  |
| 001-9.7.7                         | 003            | <b>003.1</b>    |   |  |
| 001-9.7.8                         | 003            | <b>003.1</b>    |   |  |
| 001-9.7.8.1                       | 003            | <b>003.1</b>    |   |  |
| 001-9.7.8.2                       | 003            | <b>003.1</b>    |   |  |
| 001-9.7.8.2.1                     | 003            | <b>003.1</b>    |   |  |
| 001-9.7.8.2.1.1                   | <b>003.1</b>   |                 |   |  |
| 001-9.7.8.2.2                     | 003            | <b>003.1</b>    |   |  |
| 001-9.7.8.2.2.1                   | <b>003.1</b>   |                 |   |  |
| 001-9.7.9                         | 003            |                 |   |  |
| 001-9.7.9.1                       | 003            | <b>003.1</b>    |   |  |
| 001-9.7.10                        | 003            |                 |   |  |
| 001-9.7.11                        | 003            | <b>003.1</b>    |   |  |
| 001-9.8                           | 000            |                 |   |  |
| 001-9.8.1                         | 000            | 001             |   |  |
| 001-10                            | 000            | <b>003.1</b>    |   |  |
| 001-10.1                          | 000            | <b>003.1</b>    | 000 / 003                                     | 001-INT2<br>(C11004)                                       |
| 001-10.1.1                        | 000            | 001             |   |  |
| 001-10.1.2                        | 000            |                 |   |  |
| 001-10.1.3                        | 000            | 001<br>RESERVED |   |  |
| 001-10.1.4                        | 000            |                 |   |  |

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| 001-10.1.5                        | 000            | 001                     |   |  |
| 001-10.1.6                        | 000            |                         |   |  |
| 001-10.2                          | 000            | <b>003.1</b>            |   |  |
| 001-10.2-A                        | 000            | 001<br>RESERVED         |   |  |
| 001-10.3                          | 000            | <b>003.1</b>            |   |  |
| 001-10.3.1                        | 000            | <b>003.1</b>            |   |  |
| 001-10.3.1.1                      | 003            |                         |   |  |
| 001-10.3-A                        | 000            | 001<br>RESERVED         |   |  |
| 001-10.4                          | 000            | 001                     |   |  |
| 001-10.4.1                        | 000            |                         |   |  |
| 001-10.4.1-A                      | 000            | 001<br>RESERVED         |   |  |
| 001-10.4.2                        | 000            | <b>003.1</b>            |   |  |
| 001-10.4.2.1                      | <b>003.1</b>   |                         |   |  |
| 001-10.4.3                        | 001            |                         |   |  |
| 001-10.4.2-A                      | 000            | 001<br>RESERVED         |   |  |
| 001-10.5                          | 000            | 001<br><br><b>003.1</b> |   |  |
| 001-10.5-A                        | 000            | 001<br>RESERVED         |   |  |
| 001-10.5.1                        | 000            | <b>003.1</b>            |   |  |
| 001-10.5.1.1                      | <b>003.1</b>   |                         |   |  |
| 001-10.5.1-A                      | 000            | 001<br>RESERVED         |   |  |
| 001-10.5.2                        | 000            | 001<br><br><b>003.1</b> |   |  |
| 001-10.5.2.1                      | <b>003.1</b>   |                         |   |  |
| 001-10.5.3                        | 000            | 001<br><br><b>003.1</b> |   |  |

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| 001-10.5.3.1                      | 001            |                              |   |  |
| 001-10.5.3.2                      | 001            |                              |   |  |
| 001-10.5.3.2.1                    | 001            |                              |   |  |
| 001-10.5.3.3                      | 001            | <b>003.1</b>                 |   |  |
| 001-10.5.3.4                      | 001            |                              |   |  |
| 001-10.5.3.5                      | 001            |                              |   |  |
| 001-10.5.3.6                      | 001            | <b>003.1</b>                 |   |  |
| 001-10.5.3.6.1                    | 001            | <b>003.1</b>                 |   |  |
| 001-10.5.3.7                      | 001            |                              |   |  |
| 001-10.5.3.8                      | 001            | <b>003.1</b>                 |   |  |
| 001-10.5.3.9                      | 001            |                              |   |  |
| 001-10.6                          | 000            |                              |   |  |
| 001-10.6.1                        | 000            |                              |   |  |
| 001-10.6.2                        | <b>003.1</b>   |                              |   |  |
| 001-10.7                          | 000            |                              |   |  |
| 001-10.7.1                        | 000            |                              |   |  |
| 001-10.8                          | 000            | 002.1<br>003<br><b>003.1</b> |   |  |
| 001-10.8.1                        | 000            |                              |   |  |
| 001-10.8.2                        | 000            |                              |   |  |
| 001-10.8.3                        | 000            |                              |   |  |
| 001-10.8.4                        | 000            |                              |   |  |
| 001-10.8.5                        | 000            |                              |   |  |
| 001-10.8.6                        | 000            | 001                          |   |  |
| 001-10.8.7                        | 001            |                              |   |  |
| 001-11                            | 001            | 003<br><b>003.1</b>          |   |  |

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| 001-11.1                          | 001            |                       |   |  |
| 001-11.1.1                        | 001            |                       |   |  |
| 001-11.1.2                        | 001            |                       |   |  |
| 001-11.1.3                        | 001            |                       |   |  |
| 001-11.1.4                        | 001            |                       |   |  |
| 001-11.1.5                        | 001            | <b>003.1</b>          |   |  |
| 001-11.1.6                        | 001            | 003                   |   |  |
| 001-11.1.7                        | 001            | <b>003.1</b>          |   |  |
| 001-11.2                          | 001            |                       |   |  |
| 001-11.2.1                        | 001            |                       |   |  |
| 001-11.2.1.1                      | 001            | 001<br>RESERVED       |   |  |
| 001-11.2.2                        | 001            |                       |   |  |
| 001-11.3                          | 001            | <b>003.1</b>          |   |  |
| 001-11.3.1                        | 001            |                       |   |  |
| 001-11.3.2                        | 001            | 002.0<br><b>003.1</b> |   |  |
| 001-11.3.3                        | 001            |                       |   |  |
| 001-11.3.4                        | 001            |                       |   |  |
| 001-11.3.5                        | <b>003.1</b>   |                       |   |  |
| 001-11.3.5.1                      | <b>003.1</b>   |                       |   |  |
| 001-11.4                          | 001            |                       |   |  |
| 001-11.5                          | 001            |                       |   |  |
| 001-11.5.1                        | 001            |                       |   |  |
| 001-11.5.2                        | 001            |                       |   |  |
| 001-11.5.3                        | 001            |                       |   |  |
| 001-11.6                          | 001            | <b>003.1</b>          |   |  |

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| 001-11.6.1                        | 001            |                |   |  |
| 001-11.6.2                        | 001            | <b>003.1</b>   |   |  |
| 001-11.6.3                        | 001            |                |   |  |
| 001-11.6.4                        | <b>003.1</b>   |                |   |  |
| 001-11.6.4.1                      | <b>003.1</b>   |                |   |  |
| 001-11.7                          | 001            | <b>003.1</b>   |   |  |
| 001-11.7.1                        | 001            |                |   |  |
| 001-12                            | 001            | <b>003.1</b>   |   |  |
| 001-12.1                          | 001            |                |   |  |
| 001-12.1.1                        | 001            |                |   |  |
| 001-12.1.2                        | 001            |                |   |  |
| 001-12.1.3                        | 001            |                |   |  |
| 001-12.1.4                        | 001            |                |   |  |
| 001-12.1.5                        | 001            |                |   |  |
| 001-12.1.6                        | 001            |                |   |  |
| 001-12.2                          | 001            |                |   |  |
| 001-12.3                          | 001            |                |   |  |
| 001-12.3.1                        | 001            |                |   |  |
| 001-12.3.2                        | 001            |                |   |  |
| 001-12.4                          | 001            |                |   |  |
| 001-12.4.1                        | 001            |                |   |  |
| 001-12.4.2                        | 001            |                |   |  |
| 001-12.4.2.1                      | 001            |                |   |  |
| 001-12.4.2.2                      | 001            |                |   |  |
| 001-12.4.2.3                      | 001            |                |   |  |
| 001-12.5                          | 001            |                |   |  |
| 001-12.5.1                        | 001            |                |   |  |
| 001-12.5.2                        | 001            |                |   |  |

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| 001-13                            | 002.0          |                     |   |  |
| 001-13.1                          | 002.0          | 003                 |   |  |
| 001-13.1.1                        | 002.0          |                     |   |  |
| 001-13.1.2                        | 002.0          | 003<br>RESERVED     |   |  |
| 001-13.1.3                        | 002.0          |                     |   |  |
| 001-13.1.4                        | 002.0          |                     |   |  |
| 001-13.1.5                        | 002.0          | 002.1               |   |  |
| 001-14                            | 002.0          |                     |   |  |
| 001-14.1                          | 002.0          |                     |   |  |
| 001-14.1.1                        | 002.0          |                     |   |  |
| 001-14.1.2                        | 002.0          |                     |   |  |
| 001-14.1.3                        | 002.0          | 003<br><b>003.1</b> |   |  |
| 001-14.2                          | 002.0          |                     |   |  |
| 001-14.2.1                        | 002.0          |                     |   |  |
| 001-14.2.2                        | 002.0          |                     |   |  |
| 001-14.2.3                        | 002.0          |                     |   |  |
| 001-4.2.3.1                       | 002.0          |                     |   |  |
| 001-4.2.3.2                       | 002.0          |                     |   |  |
| 001-15                            | 002.0          |                     |   |  |
| 001-15.1                          | 002.0          |                     |   |  |
| 001-15.1.1                        | 002.0          |                     |   |  |
| 001-15.1.2                        | 002.0          | 003<br><b>003.1</b> |   |  |
| 001-15.1.3                        | 002.0          |                     |   |  |
| 001-15.2                          | 002.0          |                     |   |  |
| 001-15.2.1                        | 002.0          |                     |   |  |

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| 001-15.2.2                        | 002.0          |                |   |  |
| 001-15.2.3                        | 002.0          |                |   |  |
| 001-15.2.3.1                      | 002.0          |                |   |  |
| 001-15.2.3.2                      | 002.0          |                |   |  |
| 001-15.2.3.3                      | 002.0          |                |   |  |
| 001-15.2.3.4                      | 002.0          |                |   |  |
| 001-15.2.3.5                      | 002.0          |                |   |  |
| 001-16                            | 002.0          | 002.1          |   |  |
| 001-16.1                          | 002.0          | 002.1          |   |  |
| 001-17                            | 002.0          |                |   |  |
| 001-17.1                          | 002.0          |                |   |  |
| 001-17.1.1                        | 002.0          |                |   |  |
| 001-17.1.2                        | 002.0          |                |   |  |
| 001-17.2                          | 002.0          |                |   |  |
| 001-17.2.1                        | 002.0          |                |   |  |
| 001-17.2.2                        | 002.0          |                |   |  |
| 001-17.2.3                        | 002.0          |                |   |  |
| 001-17.2.4                        | 002.0          |                |   |  |
| 001-17.3                          | 002.0          |                |   |  |
| 001-17.3.1                        | 002.0          |                |   |  |
| 001-17.3.2                        | 002.0          |                |   |  |
| 001-17.3.2.1                      | 002.0          |                |   |  |
| 001-17.3.3                        | 002.0          |                |   |  |
| 001-17.4                          | 002.0          |                |   |  |
| 001-17.4.1                        | 002.0          |                |   |  |
| 001-17.4.2                        | 002.0          |                |   |  |
| 001-17.4.2.1                      | 002.0          |                |   |  |
| 001-17.4.2.2                      | 002.0          |                |   |  |

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| 001-17.4.3                        | 002.0          |                                  |   |  |
| 001-17.5                          | 002.0          |                                  |   |  |
| 001-17.5.1                        | 002.0          |                                  |   |  |
| 001-17.5.2                        | 002.0          |                                  |   |  |
| 001-17.5.3                        | 002.0          |                                  |   |  |
| 001-17.5.4                        | 002.0          |                                  |   |  |
| 001-17.6                          | 002.0          |                                  |   |  |
| 001-17.6.1                        | 002.0          |                                  |   |  |
| 001-17.6.2                        | 002.0          |                                  |   |  |
| 001-17.6.3                        | 002.0          |                                  |   |  |
| 001-17.6.4                        | 002.0          |                                  |   |  |
| 001-17.6.5                        | 002.0          |                                  |   |  |
| 001-17.6.6                        | 002.0          |                                  |   |  |
| 001-17                            | 002.0          |                                  |   |  |
| 001-18                            | 002.0          | 003<br><b>003.1<br/>RESERVED</b> |   |  |
| 001-18.1                          | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.1.1                        | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.1.2                        | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.1.2.1                      | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.1.2.2                      | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.1.2.3                      | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.1.3                        | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-18.2                          | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |
| 001-19                            | 002.0          | <b>003.1<br/>RESERVED</b>        |   |  |



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|-----------------------------------|----------------|---------------------------|---|--|
| 001-19.1                          | 002.0          | <b>003.1<br/>RESERVED</b> |   |  |
| 001-19.1.1                        | 002.0          | <b>003.1<br/>RESERVED</b> |   |  |
| 001-19.1.2                        | 002.0          | <b>003.1<br/>RESERVED</b> |   |  |
| 001-20                            | 002.0          |                           |   |  |
| 001-20.1                          | 002.0          | 002.1                     |   |  |
| 001-20.2                          | 002.0          | 002.1                     |   |  |
| 001-20.2.1                        | 002.1          |                           |   |  |
| 001-20.2.2                        | 002.1          | <b>003.1</b>              |   |  |
| 001-20.2.3                        | 002.1          | <b>003.1</b>              |   |  |
| 001-20.2.4                        | 002.1          | 003<br><b>003.1</b>       |   |  |
| 001-20.3                          | 002.1          | 003<br><b>003.1</b>       |   |  |
| 001-21                            | 002.0          |                           |   |  |
| 001-21.1                          | 002.0          |                           |   |  |
| 001-21.1.1                        | 002.0          |                           |   |  |
| 001-21.1.2                        | 002.0          |                           |   |  |
| 001-21.1.3                        | 002.0          |                           |   |  |
| 001-21.1.3.1                      | 002.0          |                           |   |  |
| 001-21.1.4                        | 002.0          |                           |   |  |
| 001-21.1.5                        | 002.0          |                           |   |  |
| 001-21.1.6                        | 002.0          |                           |   |  |
| 001-21.2                          | 002.0          |                           |   |  |
| 001-21.2.1                        | 002.0          |                           |   |  |
| 001-21.2.1.1                      | 002.0          |                           |   |  |
| 001-21.2.1.2                      | 002.0          |                           |   |  |

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| 001-21.2.1.3                      | 002.0          |                 |   |  |
| 001-21.2.1.4                      | 002.0          |                 |   |  |
| 001-21.3                          | 002.0          |                 |   |  |
| 001-21.3.1                        | 002.0          |                 |   |  |
| 001-21.3.1.1                      | 002.0          |                 |   |  |
| 001-21.3.1.2                      | 002.0          | <b>003.1</b>    |   |  |
| 001-21.3.1.2.1                    | 002.0          | <b>003.1</b>    |   |  |
| 001-21.3.1.2.2                    | 002.0          | 003<br>RESERVED |   |  |
| 001-21.3.1.2.3                    | 002.0          | <b>003.1</b>    |   |  |
| 001-21.3.1.2.4                    | 002.0          | <b>003.1</b>    |   |  |
| 001-21.3.2                        | 002.0          |                 |   |  |
| 001-21.3.3                        | 002.0          |                 |   |  |
| 001-21.3.3.1                      | 002.0          |                 |   |  |
| 001-21.3.3.2                      | 002.0          |                 |   |  |
| 001-21.3.4                        | 002.0          |                 |   |  |
| 001-21.3.5                        | 002.0          |                 |   |  |
| 001-21.3.5.1                      | 002.0          |                 |   |  |
| 001-21.3.5.2                      | 002.0          |                 |   |  |
| 001-21.3.5.3                      | 002.0          |                 |   |  |
| 001-21.3.5.4                      | 002.0          |                 |   |  |
| 001-21.3.6                        | 002.0          |                 |   |  |
| 001-21.3.7                        | 002.0          |                 |   |  |
| 001-21.3.7.1                      | 002.0          |                 |   |  |
| 001-21.3.7.2                      | 002.0          |                 |   |  |
| 001-21.3.7.3                      | 002.0          |                 |   |  |
| 001-21.3.8                        | 002.0          |                 |   |  |
| 001-21.4                          | 002.0          |                 |   |  |

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| 001-21.4.1                        | 002.0          |                |   |  |
| 001-21.4.2                        | 002.0          |                |   |  |
| 001-21.4.2.1                      | 002.0          |                |   |  |
| 001-21.4.2.2                      | 002.0          |                |   |  |
| 001-21.4.3                        | 002.0          |                |   |  |
| 001-21.4.3.1                      | 002.0          |                |   |  |
| 001-21.4.3.2                      | 002.0          |                |   |  |
| 001-21.4.3.3                      | 002.0          |                |   |  |
| 001-21.4.3.3.1                    | 002.0          |                |   |  |
| 001-21.4.4                        | 002.0          |                |   |  |
| 001-21.4.4.1                      | 002.0          |                |   |  |
| 001-21.4.4.2                      | 002.0          |                |   |  |
| 001-21.5                          | 002.0          |                |   |  |
| 001-21.5.1                        | 002.0          |                |   |  |
| 001-21.5.2                        | 002.0          |                |   |  |
| 001-21.5.2.1                      | 002.0          |                |   |  |
| 001-21.5.2.2                      | 002.0          |                |   |  |
| 001-21.5.2.2.1                    | 002.0          |                |   |  |
| 001-21.5.3                        | 002.0          |                |   |  |
| 001-21.5.3.1                      | 002.0          |                |   |  |
| 001-21.5.3.2                      | 002.0          |                |   |  |
| 001-21.5.4                        | 002.0          |                |   |  |
| 001-21.5.4.1                      | 002.0          |                |   |  |
| 001-21.5.5                        | 002.0          |                |   |  |
| 001-22                            | 002.1          |                |   |  |
| 001-22.1                          | 002.1          |                |   |  |
| 001-22.2                          | 002.1          | 003            |   |  |
| 001-23                            | 003            |                |   |  |

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| 001-23.1                          | 003            |                |   |  |
| 001-23.1.1                        | 003            |                |   |  |
| 001-23.1.2                        | 003            |                |   |  |
| 001-23.1.3                        | 003            |                |   |  |
| 001-23.1.4                        | 003            |                |   |  |
| 001-23.1.5                        | 003            |                |   |  |
| 001-23.1.6                        | 003            | <b>003.1</b>   |   |  |
| 001-23.1.7                        | 003            |                |   |  |
| 001-23.1.8                        | 003            |                |   |  |
| 001-23.2                          | 003            |                |   |  |
| 001-23.2.1                        | 003            | <b>003.1</b>   |   |  |
| 001-23.2.1.1                      | 003            |                |   |  |
| 001-23.2.1.2                      | 003            |                |   |  |
| 001-23.2.1.3                      | 003            |                |   |  |
| 001-23.2.2                        | 003            |                |   |  |
| 001-23.2.3                        | 003            |                |   |  |
| 001-23.2.4                        | 003            |                |   |  |
| 001-23.2.5                        | 003            |                |   |  |
| 001-23.3                          | 003            |                |   |  |
| 001-23.3.1                        | 003            |                |   |  |
| 001-23.3.2                        | 003            |                |   |  |
| 001-23.3.2.1                      | 003            |                |   |  |
| 001-23.3.3                        | 003            |                |   |  |
| 001-23.3.4                        | 003            |                |   |  |
| 001-23.3.4.1                      | 003            |                |   |  |
| 001-23.3.4.2                      | 003            | <b>003.1</b>   |   |  |
| 001-23.3.4.2.1                    | 003            |                |   |  |
| 001-23.3.4.2.2                    | 003            |                |   |  |

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| 001-23.3.4.3                      | 003            |                |   |  |
| 001-23.3.4.3.1                    | 003            |                |   |  |
| 001-23.3.5                        | 003            | <b>003.1</b>   |   |  |
| 001-23.3.5.1                      | 003            |                |   |  |
| 001-23.3.5.2                      | 003            |                |   |  |
| 001-23.3.5.3                      | 003            |                |   |  |
| 001-23.3.5.4                      | 003            |                |   |  |
| 001-23.3.5.5                      | 003            |                |   |  |
| 001-23.3.5.6                      | <b>003.1</b>   |                |   |  |
| 001-23.3.6                        | 003            |                |   |  |
| 001-23.3.7                        | 003            | <b>003.1</b>   |   |  |
| 001-23.3.8                        | 003            | <b>003.1</b>   |   |  |
| 001-23.3.9                        | 003            | <b>003.1</b>   |   |  |
| 001-101.1                         | 003            |                |   |  |
| 001-101.2                         | 003            |                |   |  |
| 001-101.2.1                       | 003            |                |   |  |
| 001-101.2.2                       | 003            |                |   |  |
| 001-101.2.3                       | 003            |                |   |  |
| 001-101.2.4                       | 003            |                |   |  |
| 001-101.2.5                       | 003            |                |   |  |
| 001-101.3                         | 003            |                |   |  |
| 001-101.4                         | 003            |                |   |  |
| 001-101.5                         | 003            |                |   |  |
| 001-101.5.1                       | 003            |                |   |  |
| 001-101.5.2                       | 003            |                |   |  |
| 001-101.5.3                       | 003            |                |   |  |
| 001-101.5.3.1                     | 003            |                |   |  |
| 001-101.5.3.1.1                   | 003            |                |   |  |

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| 001-101.5.3.2                     | 003            |                |   |  |
| 001-101.5.3.3                     | 003            |                |   |  |
| 001-101.5.3.4                     | 003            |                |   |  |
| 001-101.6                         | 003            |                |   |  |
| 001-101.7                         | 003            |                |   |  |
| 001-101.8                         | 003            |                |   |  |
| 001-101.9                         | 003            |                |   |  |
| 001-101.10                        | 003            | <b>003.1</b>   |   |  |
| 001-101.11                        | 003            |                |   |  |
| 001-101.12                        | 003            |                |   |  |
| 001-101.12.1                      | 003            |                |   |  |
| 001-101.12.2                      | 003            |                |   |  |
| 001-101.12.3                      | 003            |                |   |  |
| 001-101.12.4                      | 003            |                |   |  |
| 001-101.13                        | 003            |                |   |  |
| 001-101.13.1                      | 003            |                |   |  |
| 001-101.13.2                      | 003            |                |   |  |
| 001-101.13.2.1                    | 003            |                |   |  |
| 001-101.13.2.2                    | 003            |                |   |  |
| 001-101.13.3                      | 003            |                |   |  |
| 001-101.13.4                      | 003            | <b>003.1</b>   |   |  |
| 001-102                           | 003            |                |   |  |
| 001-102.1                         | 003            |                |   |  |
| 001-102.1.1                       | 003            |                |   |  |
| 001-102.1.1.1                     | 003            |                |   |  |
| 001-102.1.1.2                     | 003            |                |   |  |
| 001-102.1.1.2.1                   | 003            |                |   |  |
| 001-102.1.2                       | 003            |                |   |  |

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| 001-102.1.2.1                     | 003            |                |   |  |
| 001-102.1.2.1.1                   | 003            |                |   |  |
| 001-102.1.2.2                     | 003            |                |   |  |
| 001-102.1.2.2.1                   | 003            |                |   |  |
| 001-102.2                         | 003            |                |   |  |
| 001-102.2.1                       | 003            |                |   |  |
| 001-102.3                         | 003            |                |   |  |
| 001-102.3.1                       | 003            |                |   |  |
| 001-102.3.1.1                     | 003            |                |   |  |
| 001-102.4                         | 003            |                |   |  |
| 001-102.4.1                       | 003            |                |   |  |
| 001-102.4.1.1                     | 003            |                |   |  |
| 001-102.4.1.2                     | 003            |                |   |  |
| 001-102.4.2                       | 003            |                |   |  |
| 001-102.4.3                       | 003            |                |   |  |
| 001-102.4.4                       | 003            |                |   |  |
| 001-102.4.4.1                     | 003            |                |   |  |
| 001-102.4.4.2                     | 003            |                |   |  |
| 001-102.4.4.3                     | 003            |                |   |  |
| 001-102.4.5                       | 003            |                |   |  |
| 001-102.4.6                       | 003            |                |   |  |
| 001-102.4.7                       | 003            |                |   |  |
| 001-102.4.8                       | 003            |                |   |  |
| 001-102.5                         | 003            |                |   |  |
| 001-102.5.1                       | 003            |                |   |  |
| 001-102.5.2                       | 003            |                |   |  |
| 001-102.5.3                       | 003            |                |   |  |
| 001-103                           | 003            |                |   |  |

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| 001-103.1                         | 003            |                |   |  |
| 001-103.1.1                       | 003            |                |   |  |
| 001-103.1.2                       | 003            |                |   |  |
| 001-103.2                         | 003            |                |   |  |
| 001-103.2.1                       | 003            |                |   |  |
| 001-103.2.2                       | 003            |                |   |  |
| 001-103.3                         | 003            |                |   |  |
| 001-103.3.1                       | 003            |                |   |  |
| 001-103.3.1.1                     | 003            |                |   |  |
| 001-103.4                         | 003            |                |   |  |
| 001-103.4.1                       | 003            |                |   |  |
| 001-103.4.1.1                     | 003            |                |   |  |
| 001-103.5                         | 003            |                |   |  |
| 001-103.5.1                       | 003            |                |   |  |
| 001-103.5.2                       | 003            |                |   |  |
| 001-103.5.2.1                     | 003            |                |   |  |
| 001-103.5.2.2                     | 003            |                |   |  |
| 001-103.5.2.3                     | 003            |                |   |  |
| 001-103.6                         | 003            |                |   |  |
| 001-103.6.1                       | 003            |                |   |  |
| 001-103.6.2                       | 003            |                |   |  |
| 001-103.7                         | 003            |                |   |  |
| 001-103.7.1                       | 003            |                |   |  |
| 001-103.7.2                       | 003            |                |   |  |
| 001-103.7.2.1                     | 003            |                |   |  |
| 001-103.8                         | 003            |                |   |  |
| 001-103.8.1                       | 003            |                |   |  |
| 001-103.8.1.1                     | 003            |                |   |  |



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| 001-103.8.1.1.1                   | 003            |                |   |  |
| 001-103.8.1.2                     | 003            |                |   |  |
| 001-103.8.1.3                     | 003            |                |   |  |
| 001-103.9                         | 003            |                |   |  |
| 001-103.9.1                       | 003            |                |   |  |
| 001-103.9.1.1                     | 003            |                |   |  |
| 001-103.9.1.2                     | 003            |                |   |  |
| 001-103.9.2                       | 003            |                |   |  |
| 001-104                           | 003            |                |   |  |
| 001-104.1                         | 003            | <b>003.1</b>   |   |  |
| 001-104.2                         | 003            |                |   |  |
| 001-104.3                         | 003            |                |   |  |
| 001-104.4                         | 003            |                |   |  |
| 001-104.5                         | 003            |                |   |  |
| 001-105                           | 003            |                |   |  |
| 001-105.1                         | 003            |                |   |  |
| 001-105.1.1                       | 003            | <b>003.1</b>   |   |  |
| 001-105.1.2                       | 003            |                |   |  |
| 001-105.1.3                       | 003            |                |   |  |
| 001-105.1.4                       | 003            |                |   |  |
| 001-105.1.5                       | 003            |                |   |  |
| Table 105-A                       | 003            |                |   |  |
| 001-105.1.6                       | 003            |                |   |  |
| 001-105.2                         | 003            |                |   |  |
| 001-105.2.1                       | 003            |                |   |  |
| 001-105.2.1.1                     | 003            |                |   |  |
| 001-105.2.1.2                     | 003            |                |   |  |
| 001-105.2.1.2.1                   | 003            |                |   |  |

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| 001-105.2.1.2.2                   | 003            |                |   |  |
| 001-105.2.1.3                     | 003            |                |   |  |
| 001-105.2.2                       | 003            |                |   |  |
| 001-105.2.2.1                     | 003            |                |   |  |
| 001-105.2.3                       | 003            |                |   |  |
| 001-105.2.3.1                     | 003            |                |   |  |
| 001-105.2.4                       | 003            |                |   |  |
| 001-105.2.4.1                     | 003            |                |   |  |
| 001-105.2.4.1.1                   | 003            |                |   |  |
| 001-105.2.4.1.2                   | 003            |                |   |  |
| 001-105.2.4.2                     | 003            |                |   |  |
| 001-105.2.4.3                     | 003            |                |   |  |
| 001-105.2.4.4                     | 003            |                |   |  |
| 001-105.2.4.5                     | 003            |                |   |  |
| 001-105.2.4.5.1                   | 003            |                |   |  |
| 001-105.2.4.5.2                   | 003            |                |   |  |
| 001-105.2.4.5.3                   | 003            |                |   |  |
| 001-105.2.4.6                     | 003            |                |   |  |
| 001-105.2.4.7                     | 003            |                |   |  |
| 001-105.2.5                       | 003            |                |   |  |
| 001-105.2.5.1                     | 003            |                |   |  |
| 001-105.2.6                       | 003            |                |   |  |
| 001-105.2.6.1                     | 003            |                |   |  |
| 001-105.2.6.2                     | 003            |                |   |  |
| 001-105.2.7                       | 003            |                |   |  |
| 001-105.2.7.1                     | 003            |                |   |  |
| 001-105.2.7.2                     | 003            |                |   |  |
| 001-105.2.8                       | 003            |                |   |  |

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| 001-105.2.8.1                     | 003            |                |   |  |
| 001-105.2.9                       | 003            |                |   |  |
| 001-105.2.9.1                     | 003            |                |   |  |
| 001-105.2.10                      | 003            |                |   |  |
| 001-105.2.10.1                    | 003            |                |   |  |
| 001-105.2.10.2                    | 003            |                |   |  |
| 001-105.2.11                      | 003            |                |   |  |
| 001-105.2.11.1                    | 003            |                |   |  |
| 001-105.2.12                      | 003            |                |   |  |
| 001-105.2.12.1                    | 003            |                |   |  |
| 001-105.2.12.1.1                  | 003            |                |   |  |
| 001-105.2.12.1.2                  | 003            |                |   |  |
| 001-105.2.12.1.3                  | 003            |                |   |  |
| 001-105.2.13                      | 003            |                |   |  |
| 001-105.2.13.1                    | 003            |                |   |  |
| 001-105.2.13.1.1                  | 003            |                |   |  |
| 001-105.2.13.2                    | 003            |                |   |  |
| 001-105.3                         | 003            |                |   |  |
| 001-105.3.1                       | 003            |                |   |  |
| 001-105.3.1.1                     | 003            |                |   |  |
| 001-105.3.1.2                     | 003            |                |   |  |
| 001-105.3.1.3                     | 003            |                |   |  |
| 001-105.3.1.4                     | 003            |                |   |  |
| 001-105.3.2                       | 003            |                |   |  |
| 001-105.3.2.1                     | 003            |                |   |  |
| 001-105.3.2.1.1                   | 003            |                |   |  |
| 001-105.3.2.1.2                   | 003            |                |   |  |
| 001-105.3.2.1.3                   | 003            |                |   |  |

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| 001-105.3.2.1.4                   | 003            |                |   |  |
| 001-105.3.2.1.5                   | 003            |                |   |  |
| 001-105.3.2.2                     | 003            |                |   |  |
| 001-105.3.2.2.1                   | 003            |                |   |  |
| 001-105.3.2.3                     | 003            |                |   |  |
| 001-105.3.2.3.1                   | 003            |                |   |  |
| 001-105.3.2.3.1.1                 | 003            |                |   |  |
| 001-105.3.2.4                     | 003            |                |   |  |
| 001-105.3.2.4.1                   | 003            |                |   |  |
| 001-105.3.2.4.1.1                 | 003            |                |   |  |
| 001-105.3.2.4.1.2                 | 003            |                |   |  |
| 001-105.3.2.4.2                   | 003            |                |   |  |
| 001-105.3.2.4.2.1                 | 003            |                |   |  |
| 001-105.3.2.4.2.2                 | 003            |                |   |  |
| 001-105.3.2.4.2.3                 | 003            |                |   |  |
| 001-105.3.2.4.3                   | 003            |                |   |  |
| 001-105.3.2.4.4                   | 003            |                |   |  |
| 001-105.3.2.4.5                   | 003            |                |   |  |
| 001-105.3.2.4.5.1                 | 003            |                |   |  |
| 001-105.3.2.4.5.2                 | 003            |                |   |  |
| 001-105.3.2.4.5.3                 | 003            |                |   |  |
| 001-105.3.2.4.5.3.1               | 003            |                |   |  |
| 001-105.3.2.4.6                   | 003            |                |   |  |
| 001-105.3.2.4.6.1                 | 003            |                |   |  |
| 001-105.3.2.4.7                   | 003            |                |   |  |
| 001-105.3.2.5                     | 003            |                |   |  |
| 001-105.3.2.5.1                   | 003            |                |   |  |
| 001-105.3.2.6                     | 003            |                |   |  |

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| 001-105.3.2.6.1                   | 003            |                |   |  |
| 001-105.3.2.6.2                   | 003            |                |   |  |
| 001-105.3.2.7                     | 003            |                |   |  |
| 001-105.3.2.7.1                   | 003            |                |   |  |
| 001-105.3.2.7.2                   | 003            |                |   |  |
| 001-105.3.2.8                     | 003            |                |   |  |
| 001-105.3.2.8.1                   | 003            |                |   |  |
| 001-105.3.3                       | 003            |                |   |  |
| 001-105.3.3.1                     | 003            |                |   |  |
| 001-105.3.3.1.1                   | 003            |                |   |  |
| 001-105.3.3.1.2                   | 003            |                |   |  |
| 001-105.3.3.1.2.1                 | 003            |                |   |  |
| 001-105.3.3.1.2.2                 | 003            |                |   |  |
| 001-105.3.3.2                     | 003            |                |   |  |
| 001-105.3.3.2.1                   | 003            |                |   |  |
| 001-105.3.3.3                     | 003            |                |   |  |
| 001-105.3.3.3.1                   | 003            |                |   |  |
| 001-105.3.3.4                     | 003            |                |   |  |
| 001-105.3.3.4.1                   | 003            |                |   |  |
| 001-105.3.3.5                     | 003            |                |   |  |
| 001-105.3.3.5.1                   | 003            |                |   |  |
| 001-105.3.3.6                     | 003            |                |   |  |
| 001-105.3.3.6.1                   | 003            |                |   |  |
| 001-105.3.3.6.2                   | 003            |                |   |  |
| 001-105.3.3.7                     | 003            |                |   |  |
| 001-105.3.3.7.1                   | 003            |                |   |  |
| 001-105.4                         | 003            |                |   |  |
| 001-105.4.1                       | 003            |                |   |  |

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| 001-105.4.1.1                     | 003            |                |   |  |
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| 001-105.4.1.2                     | 003            |                |   |  |
| 001-105.4.1.2.1                   | 003            |                |   |  |
| 001-105.4.1.2.2                   | 003            |                |   |  |
| 001-105.4.1.3                     | 003            |                |   |  |
| 001-105.4.2                       | 003            |                |   |  |
| 001-105.4.2.1                     | 003            |                |   |  |
| 001-105.4.3                       | 003            |                |   |  |
| 001-105.4.3.1                     | 003            |                |   |  |
| 001-105.4.4                       | 003            |                |   |  |
| 001-105.4.4.1                     | 003            |                |   |  |
| 001-105.4.4.1.1                   | 003            |                |   |  |
| 001-105.4.4.1.2                   | 003            |                |   |  |
| 001-105.4.4.3                     | 003            |                |   |  |
| 001-105.4.4.4                     | 003            |                |   |  |
| 001-105.4.4.5                     | 003            |                |   |  |
| 001-105.4.4.5.1                   | 003            |                |   |  |
| 001-105.4.4.5.2                   | 003            |                |   |  |
| 001-105.4.4.5.3                   | 003            |                |   |  |
| 001-105.4.4.6                     | 003            |                |   |  |
| 001-105.4.4.7                     | 003            |                |   |  |
| 001-105.4.5                       | 003            |                |   |  |
| 001-105.4.5.1                     | 003            |                |   |  |
| 001-105.4.6                       | 003            |                |   |  |
| 001-105.4.6.1                     | 003            |                |   |  |
| 001-105.4.7                       | 003            |                |   |  |
| 001-105.4.7.1                     | 003            |                |   |  |

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| 001-105.4.7.2                     | 003            |                |   |  |
| 001-105.4.8                       | 003            |                |   |  |
| 001-105.4.8.1                     | 003            |                |   |  |
| 001-105.4.9                       | 003            |                |   |  |
| 001-105.4.9.1                     | 003            |                |   |  |
| 001-105.4.10                      | 003            |                |   |  |
| 001-105.4.10.1                    | 003            |                |   |  |
| 001-105.4.10.1.1                  | 003            |                |   |  |
| 001-105.4.11                      | 003            |                |   |  |
| 001-105.4.11.1                    | 003            |                |   |  |
| 001-105.4.12                      | 003            |                |   |  |
| 001-105.4.12.1                    | 003            |                |   |  |
| 001-105.4.12.1.1                  | 003            |                |   |  |
| 001-105.4.12.1.2                  | 003            |                |   |  |
| 001-105.4.12.1.3                  | 003            |                |   |  |
| 001-105.4.13                      | 003            |                |   |  |
| 001-105.4.13.1                    | 003            |                |   |  |
| 001-105.4.13.1.1                  | 003            |                |   |  |
| 001-105.4.13.2                    | 003            |                |   |  |
| 001-105.5                         | 003            |                |   |  |
| 001-105.5.1                       | 003            |                |   |  |
| 001-105.5.1.2                     | 003            |                |   |  |
| 001-105.5.1.3                     | 003            |                |   |  |
| 001-105.5.1.4                     | 003            |                |   |  |
| 001-105.5.2                       | 003            |                |   |  |
| 001-105.5.2.1                     | 003            |                |   |  |
| 001-105.5.2.2                     | 003            |                |   |  |
| 001-105.5.2.2.1                   | 003            |                |   |  |

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| 001-105.5.2.2.2                   | 003            |                |   |  |
| 001-105.5.3                       | 003            |                |   |  |
| 001-105.5.3.1                     | 003            |                |   |  |
| 001-105.5.4                       | 003            |                |   |  |
| 001-105.5.4.1                     | 003            |                |   |  |
| 001-105.5.5                       | 003            |                |   |  |
| 001-105.5.5.1                     | 003            |                |   |  |
| 001-105.5.6                       | 003            |                |   |  |
| 001-105.5.6.1                     | 003            |                |   |  |
| 001-105.5.7                       | 003            |                |   |  |
| 001-105.5.7.1                     | 003            |                |   |  |
| 001-105.5.7.2                     | 003            |                |   |  |
| 001-105.5.8                       | 003            |                |   |  |
| 001-105.5.8.1                     | 003            |                |   |  |
| 001-105.6                         | 003            |                |   |  |
| 001-105.6.1                       | 003            |                |   |  |
| 001-105.6.1.1                     | 003            |                |   |  |
| 001-105.6.1.2                     | 003            |                |   |  |
| 001-105.6.1.2.1                   | 003            |                |   |  |
| 001-105.6.1.3                     | 003            |                |   |  |
| 001-105.6.1.4                     | 003            |                |   |  |
| 001-105.6.1.5                     | 003            |                |   |  |
| 001-105.6.1.6                     | 003            |                |   |  |
| 001-105.6.2                       | 003            |                |   |  |
| 001-105.6.3                       | 003            |                |   |  |
| 001-105.6.4                       | 003            |                |   |  |
| 001-105.6.5                       | 003            |                |   |  |
| 001-105.6.5.1                     | 003            |                |   |  |



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| 001-105.6.6                       | 003            |                |   |  |
| 001-105.6.7                       | 003            |                |   |  |
| 001-105.6.7.1                     | 003            |                |   |  |
| 001-105.6.7.2                     | 003            |                |   |  |
| 001-106                           | 003            |                |   |  |
| 001-106.1                         | 003            |                |   |  |
| 001-106.1.1                       | 003            |                |   |  |
| 001-106.1.2                       | 003            |                |   |  |
| 001-106.1.3                       | 003            |                |   |  |
| 001-106.1.4                       | 003            |                |   |  |
| 001-106.1.4.1                     | 003            |                |   |  |
| 001-106.1.5                       | 003            |                |   |  |
| 001-106.1.6                       | 003            |                |   |  |
| 001-106.1.7                       | 003            |                |   |  |
| 001-106.1.8                       | 003            |                |   |  |
| 001-106.1.9                       | 003            |                |   |  |
| 001-106.1.10                      | 003            |                |   |  |
| 001-106.2                         | 003            |                |   |  |
| 001-106.2.1                       | 003            | <b>003.1</b>   |   |  |
| 001-106.2.1.1                     | <b>003.1</b>   |                |   |  |
| 001-106.2.2                       | 003            |                |   |  |
| 001-106.2.3                       | 003            |                |   |  |
| 001-106.2.4                       | 003            |                |   |  |
| 001-106.2.5                       | 003            | <b>003.1</b>   |   |  |
| 001-106.2.6                       | 003            |                |   |  |
| 001-106.2.7                       | 003            |                |   |  |
| 001-107                           | 003            |                |   |  |
| 001-107.1                         | 003            |                |   |  |

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|--|----------------|----------------------------------|---|--|
| 001-107.2  | 003            |                                  |   |  |
| 001-107.2.1  | 003            |                                  |   |  |
| 001-107.3  | 003            |                                  |   |  |
| 001-107.3.1  | 003            |                                  |   |  |
| 001-INT2   | 003            |                                  |   |  |
| 001-A  | 001            | 002.0                            |   |  |
| 001-B  | 001            | 003<br><b>003.1</b>              |   |  |
| 001-C  | 002.0          | 003                              |   |  |
| 001-D  | 002.0          | 003<br><b>003.1<br/>RESERVED</b> |   |  |
| 001-E  | 003            |                                  |   |  |
| <b>WEQ-002 Open Access Same-Time Information System (OASIS) Standards &amp; Communication Protocols, Version 2.1</b> |                |                                  |   |  |
| Title  | 002.0          |                                  |   |  |
| Introduction   | 000            | 001<br>003                       |   |  |
| Applicability  | 003            |                                  |   |  |
| Definition of Terms  | 000            | 001                              |   |  |
| 002-0.1  | 000            | 003<br>RESERVED                  |   |  |
| 002-0.2  | 001            | 003<br>RESERVED                  |   |  |
| 002-0.3  | 001            | 003<br>RESERVED                  |   |  |
| 002-0.4  | 001            | 003<br>RESERVED                  |   |  |
| 002-0.5  | 001            | 003<br>RESERVED                  |   |  |
| 002-0.6  | 001            | 003<br>RESERVED                  |   |  |
| 002-0.7  | 001            | 003<br>RESERVED                  |   |  |
| 002-0.8  | 001            | 003<br>RESERVED                  |   |  |

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|-----------------------------------|----------------|---|---|--|
| 002-1                             | 000            | 001<br>RESERVED                                 |   |  |
| 002-1.1                           | 000            | 001<br>RESERVED                                 |   |  |
| 002-2                             | 000            |   |   |  |
| 002-2.1                           | 000            | 001<br><br><b>003.1</b>                         |   |  |
| 002-2.2                           | 000            | 002.0   |   |  |
| 002-2.3                           | 000            | 001<br><br>002.0<br><br><b>003.1</b>            |   |  |
| 002-2.4                           | 000            | 002.0<br><br>003                                |   |  |
| 002-2.5                           | 000            |   |   |  |
| 002-3                             | 000            |   |   |  |
| 002-3.1                           | 000            | <b>003.1</b>                                    |   |  |
| 002-3.2                           | 000            |   |   |  |
| 002-3.3                           | 000            | 001<br><br>002.0<br><br>003                     |   |  |
| 002-3.4                           | 000            | 001<br><br>002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 002-3.5                           | 000            |   |   |  |
| 002-3.6                           | 000            | 001<br><br>002.0<br><br>003                     |   |  |
| 002-4                             | 000            | 003   |   |  |

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|-----------------------------------|----------------|------------------------------|---|--|
| 002-4.1                           | 000            | 001<br>002.0                 |   |  |
| 002-4.2                           | 000            |                              |   |  |
| 002-4.2.1                         | 000            |                              |   |  |
| 002-4.2.1.1                       | 000            | <b>003.1</b>                 |   |  |
| 002-4.2.1.2                       | 000            | <b>003.1</b>                 |   |  |
| 002-4.2.1.3                       | 000            | 002.0<br>003<br><b>003.1</b> |   |  |
| 002-4.2.2                         | 000            | 001<br>003                   |   |  |
| 002-4.2.3                         | 000            |                              |   |  |
| 002-4.2.3.1                       | 000            | 001<br>003                   |   |  |
| 002-4.2.3.2                       | 000            |                              |   |  |
| 002-4.2.3.3                       | 000            | 003                          |   |  |
| 002-4.2.4                         | 000            |                              |   |  |
| 002-4.2.4.1                       | 000            | 003                          |   |  |
| 002-4.2.4.2                       | 000            | 003                          |   |  |
| 002-4.2.5                         | 000            |                              |   |  |
| 002-4.2.5.1                       | 000            | 003                          |   |  |
| 002-4.2.5.2                       | 000            | 003                          |   |  |
| 002-4.2.6                         | 000            |                              |   |  |
| 002-4.2.6.1                       | 000            |                              |   |  |
| 002-4.2.6.2                       | 000            |                              |   |  |
| 002-4.2.6.3                       | 000            | 002.0                        |   |  |
| 002-4.2.6.4                       | 000            |                              |   |  |
| 002-4.2.6.5                       | 000            |                              |   |  |

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|-----------------------------------|----------------|---------------------|---|--|
| 002-4.2.6.6                       | 000            |                     |   |  |
| 002-4.2.6.7                       | 000            |                     |   |  |
| 002-4.2.6.8                       | 000            |                     |   |  |
| 002-4.2.7                         | 000            |                     |   |  |
| 002-4.2.7.1                       | 000            |                     |   |  |
| 002-4.2.7.2                       | 000            | 001<br>002.0        |   |  |
| 002-4.2.7.3                       | 000            | 001<br>002.0        |   |  |
| 002-4.2.7.4                       | 000            | 003                 |   |  |
| 002-4.2.7.5                       | 000            | 001                 |   |  |
| 002-4.2.7.6                       | 000            | 001                 |   |  |
| 002-4.2.8                         | 000            |                     |   |  |
| 002-4.2.8.1                       | 000            |                     |   |  |
| 002-4.2.8.2                       | 000            | 003<br><b>003.1</b> |   |  |
| 002-4.2.8.3                       | 000            | <b>003.1</b>        |   |  |
| 002-4.2.9                         | 000            |                     |   |  |
| 002-4.2.9.1                       | 000            | 003                 |   |  |
| 002-4.2.9.2                       | 000            |                     |   |  |
| 002-4.2.9.3                       | 000            |                     |   |  |
| 002-4.2.10                        | 000            | 001<br>002.0<br>003 |   |  |
| 002-4.2.10.1                      | 000            | 001<br>003          |   |  |
| 002-4.2.10.2                      | 000            | 001                 |   |  |
| 002-4.2.10.3                      | 000            | 003                 |   |  |

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|-----------------------------------|----------------|--------------------------------------|---|--|
| 002-4.2.10.3.1                    | 000            | 001<br><br>002.0<br><br><b>003.1</b> |   |  |
| 002-4.2.10.3.2                    | 000            |                                      |   |  |
| 002-4.2.10.4                      | 000            | 003                                  |   |  |
| 002-4.2.11                        | 000            | 002.0                                |   |  |
| 002-4.2.12                        | 000            | 001<br><br>002.0<br><br>003          |   |  |
| 002-4.2.13                        | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.1                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.2                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.3                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.4                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.5                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.6                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.7                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.8                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.9                      | 000            | 001<br>RESERVED                      |   |  |
| 002-4.2.13.10                     | 000            | 001<br>RESERVED                      |   |  |
| 002-4.3                           | 000            | 001<br><br>003                       |   |  |
| 002-4.3.1                         | 000            | 002.0<br><br>003                     |   |  |
| 002-4.3.2                         | 000            | 002.0                                |   |  |

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|----------------------------|---------|-------------------------------------|--|---|
| 002-4.3.2.1                | 000     | 002.0                               |  |   |
| 002-4.3.2.2                | 000     |                                     |  |   |
| 002-4.3.3                  | 000     |                                     |  |   |
| 002-4.3.3.1                | 000     |                                     |  |   |
| 002-4.3.3.2                | 000     |                                     |  |   |
| 002-4.3.4                  | 000     |                                     |  |   |
| 002-4.3.4.1                | 000     | 001<br>002.0<br>002.1               |  |   |
| 002-4.3.4.2                | 000     | 001<br>002.0                        |  |   |
| 002-4.3.4.3                | 000     | 002.0<br>003                        |  |   |
| 002-4.3.4.4                | 000     | 002.0<br>003                        |  |   |
| 002-4.3.5                  | 000     |                                     |  |   |
| 002-4.3.5.1                | 000     |                                     |  |   |
| 002-4.3.6                  | 000     |                                     |  |   |
| 002-4.3.6.1                | 000     | 001<br>002.0<br>003                 |  |   |
| 002-4.3.6.2                | 000     | 001<br>002.0<br>003<br><b>003.1</b> |  |   |
| 002-4.3.6.2.1              | 002.0   | 003                                 |  |   |
| 002-4.3.6.2.2              | 002.0   | 003                                 |  |   |

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|-----------------------------------|----------------|---------------------|---|--|
| 002-4.3.6.2.3                     | 003            |                     |   |  |
| 002-4.3.6.3                       | 000            | 001<br>002.0<br>003 |   |  |
| 002-4.3.6.4                       | 000            | 001<br>002.0<br>003 |   |  |
| 002-4.3.6.4.1                     | 003            | <b>003.1</b>        |   |  |
| 002-4.3.6.5                       | 000            | 002.0               |   |  |
| 002-4.3.7                         | 000            |                     |   |  |
| 002-4.3.7.1                       | 000            | 002.0               |   |  |
| 002-4.3.7.2                       | 000            | 002.0               |   |  |
| 002-4.3.8                         | 000            |                     |   |  |
| 002-4.3.8.1                       | 000            |                     |   |  |
| 002-4.3.8.2                       | 000            | 001                 |   |  |
| 002-4.3.8.3                       | 000            | 001                 |   |  |
| 002-4.3.8.4                       | 000            | 001<br>002.0        |   |  |
| 002-4.3.8.5                       | 000            |                     |   |  |
| 002-4.3.9                         | 000            |                     |   |  |
| 002-4.3.9.1                       | 000            |                     |   |  |
| 002-4.3.9.2                       | 000            |                     |   |  |
| 002-4.3.10                        | 000            |                     |   |  |
| 002-4.3.10.1                      | 000            |                     |   |  |
| 002-4.3.10.2                      | 000            |                     |   |  |
| 002-4.3.10.3                      | 000            |                     |   |  |
| 002-4.3.10.4                      | 000            | 001<br>003          |   |  |



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|-----------------------------------|----------------|-----------------|---|--|
| 002-4.3.10.5                      | 000            | 001<br>003      |   |  |
| 002-4.3.10.6                      | 000            | 001<br>003      |   |  |
| 002-4.3.11                        | 000            | 001<br>003      |   |  |
| 002-4.3.11.1                      | 000            |                 |   |  |
| 002-4.3.11.2                      | 000            |                 |   |  |
| 002-4.3.11.3                      | 000            |                 |   |  |
| 002-4.3.11.3.1                    | 000            | 003             |   |  |
| 002-4.3.11.3.2                    | 000            |                 |   |  |
| 002-4.3.11.3.3                    | 000            |                 |   |  |
| 002-4.3.11.3.4                    | 000            |                 |   |  |
| 002-4.3.11.4                      | 000            | 003             |   |  |
| 002-4.3.11.5                      | 000            | 003             |   |  |
| 002-4.4                           | 000            | 003             |   |  |
| 002-4.4.1                         | 000            | 001<br>RESERVED |   |  |
| 002-4.4.2                         | 000            | 001<br>RESERVED |   |  |
| 002-4.4.3                         | 000            | 001<br>RESERVED |   |  |
| 002-4.4.4                         | 000            | 001<br>RESERVED |   |  |
| 002-4.4.5                         | 000            | 001<br>RESERVED |   |  |
| 002-4.4.6                         | 000            | 001<br>RESERVED |   |  |
| 002-4.4.6.1                       | 000            | 001<br>RESERVED |   |  |
| 002-4.4.6.2                       | 000            | 001<br>RESERVED |   |  |
| 002-4.4.6.3                       | 000            | 001<br>RESERVED |   |  |

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|-----------------------------------|----------------|--------------------------------------|---|--|
| 002-4.4.6.4                       | 000            | 001<br>RESERVED                      |   |  |
| 002-4.4.6.5                       | 000            | 001<br>RESERVED                      |   |  |
| 002-4.4.6.6                       | 000            | 001<br>RESERVED                      |   |  |
| 002-4.4.7                         | 000            | 001<br>RESERVED                      |   |  |
| 002-4.4.7.1                       | 000            | 001<br>RESERVED                      |   |  |
| 002-4.4.7.2                       | 000            | 001<br>RESERVED                      |   |  |
| 002-4.5                           | 000            | 001                                  |   |  |
| 002-4.5.1                         | 001            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 002-4.5.2                         | 001            | 002.0                                |   |  |
| 002-5                             | 000            |                                      |   |  |
| 002-5.1                           | 000            | <b>003.1</b>                         |   |  |
| 002-5.1.1                         | <b>003.1</b>   |                                      |   |  |
| 002-5.1.2                         | <b>003.1</b>   |                                      |   |  |
| 002-5.1.3                         | <b>003.1</b>   |                                      |   |  |
| 002-5.2                           | 000            |                                      |   |  |
| 002-5.3                           | 000            |                                      |   |  |
| 002-5.3.1                         | 000            |                                      |   |  |
| 002-5.3.2                         | 000            |                                      |   |  |
| 002-5.3.3                         | 000            |                                      |   |  |
| 002-5.4                           | 000            |                                      |   |  |
| 002-5.5                           | 000            |                                      |   |  |
| 002-5.6                           | 000            |                                      |   |  |
| 002-5.7                           | 000            |                                      |   |  |
| 002-5.8                           | 000            |                                      |   |  |

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|-----------------------------------|----------------|--------------------------------------|---|--|
| 002-5.9                           | 000            |                                      |   |  |
| 002-5.10                          | 000            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 002-5.10.1                        | 002.0          | 002.1<br><br>003<br><br><b>003.1</b> |   |  |
| 002-5.10.2                        | 003            | <b>003.1<br/>RESERVED</b>            |   |  |
| 002-5.10.3                        | 003            | <b>003.1<br/>RESERVED</b>            |   |  |
| 002-101                           | 003            |                                      |   |  |
| 002-101.1                         | 003            |                                      |   |  |
| 002-101.2                         | 003            |                                      |   |  |
| 002-101.2.1                       | 003            |                                      |   |  |
| 002-101.2.1.1                     | 003            |                                      |   |  |
| 002-101.2.1.2                     | 003            |                                      |   |  |
| 002-101.2.1.3                     | 003            |                                      |   |  |
| 002-101.2.2                       | 003            |                                      |   |  |
| 002-101.2.3                       | 003            |                                      |   |  |
| 002-101.2.3.1                     | 003            |                                      |   |  |
| 002-101.2.3.2                     | 003            |                                      |   |  |
| 002-101.2.3.3                     | 003            |                                      |   |  |
| 002-101.2.4                       | 003            |                                      |   |  |
| 002-101.2.5                       | 003            |                                      |   |  |
| 002-101.2.5.1                     | 003            |                                      |   |  |
| 002-101.2.5.2                     | 003            |                                      |   |  |
| 002-101.2.6                       | 003            |                                      |   |  |
| 002-101.2.6.1                     | 003            |                                      |   |  |

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|-----------------------------------|----------------|----------------|---|--|
| 002-101.2.6.2                     | 003            |                |   |  |
| 002-101.2.6.3                     | 003            |                |   |  |
| 002-101.2.6.4                     | 003            |                |   |  |
| 002-101.2.6.5                     | 003            |                |   |  |
| 002-101.2.6.6                     | 003            |                |   |  |
| 002-101.2.6.7                     | 003            |                |   |  |
| 002-101.2.6.8                     | 003            |                |   |  |
| 002-101.2.7                       | 003            |                |   |  |
| 002-101.2.7.1                     | 003            |                |   |  |
| 002-101.2.7.2                     | 003            |                |   |  |
| 002-101.2.7.3                     | 003            |                |   |  |
| 002-101.2.7.4                     | 003            |                |   |  |
| 002-101.2.7.5                     | 003            |                |   |  |
| 002-101.2.7.6                     | 003            |                |   |  |
| 002-101.2.8                       | 003            |                |   |  |
| 002-101.2.9                       | 003            |                |   |  |
| 002-101.2.10                      | 003            |                |   |  |
| 002-101.2.10.1                    | 003            |                |   |  |
| 002-101.2.10.2                    | 003            |                |   |  |
| 002-101.2.10.3                    | 003            |                |   |  |
| 002-101.2.10.3.1                  | 003            | <b>003.1</b>   |   |  |
| 002-101.2.10.3.2                  | 003            |                |   |  |
| 002-101.2.10.4                    | 003            |                |   |  |
| 002-101.2.11                      | 003            |                |   |  |
| 002-101.2.12                      | 003            |                |   |  |
| 002-101.3                         | 003            |                |   |  |
| 002-101.3.1                       | 003            | <b>003.1</b>   |   |  |
| 002-101.3.1.1                     | 003            |                |   |  |

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| 002-101.3.1.2                     | 003            |                |   |  |
| 002-101.3.1.3                     | 003            |                |   |  |
| 002-101.3.1.4                     | 003            |                |   |  |
| 002-101.3.2                       | 003            |                |   |  |
| 002-101.3.2.1                     | 003            |                |   |  |
| 002-101.3.2.2                     | 003            |                |   |  |
| 002-101.3.2.3                     | 003            |                |   |  |
| 002-101.3.2.4                     | 003            |                |   |  |
| 002-101.3.2.5                     | 003            |                |   |  |
| 002-101.3.2.6                     | 003            |                |   |  |
| 002-101.3.2.7                     | 003            |                |   |  |
| 002-101.3.2.8                     | 003            |                |   |  |
| 002-101.3.2.9                     | 003            |                |   |  |
| 002-101.3.2.10                    | 003            |                |   |  |
| 002-101.3.2.11                    | 003            |                |   |  |
| 002-101.3.2.12                    | 003            |                |   |  |
| 002-101.3.2.13                    | 003            |                |   |  |
| 002-101.3.2.14                    | 003            |                |   |  |
| 002-101.3.2.15                    | 003            |                |   |  |
| 002-101.3.2.16                    | 003            |                |   |  |
| 002-101.3.2.17                    | 003            |                |   |  |
| 002-101.3.2.18                    | 003            |                |   |  |
| 002-101.3.2.19                    | 003            |                |   |  |
| 002-101.3.3                       | 003            |                |   |  |
| 002-101.3.3.1                     | 003            |                |   |  |
| 002-101.3.3.2                     | 003            |                |   |  |
| 002-101.3.3.3                     | 003            |                |   |  |
| 002-101.3.3.4                     | 003            |                |   |  |

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| 002-101.3.3.5                     | 003            |                |   |  |
| 002-101.3.3.6                     | 003            |                |   |  |
| 002-101.3.3.7                     | 003            |                |   |  |
| 002-101.3.3.8                     | 003            |                |   |  |
| 002-101.3.3.9                     | 003            |                |   |  |
| 002-101.3.3.10                    | 003            |                |   |  |
| 002-101.3.3.11                    | 003            |                |   |  |
| 002-101.3.3.12                    | 003            |                |   |  |
| 002-101.3.3.13                    | 003            |                |   |  |
| 002-101.3.3.14                    | 003            |                |   |  |
| 002-101.3.3.15                    | 003            |                |   |  |
| 002-101.3.3.16                    | 003            |                |   |  |
| 002-101.3.3.17                    | 003            |                |   |  |
| 002-101.3.3.18                    | 003            |                |   |  |
| 002-101.3.3.19                    | 003            |                |   |  |
| 002-101.4                         | 003            |                |   |  |
| 002-101.4.1                       | 003            | <b>003.1</b>   |   |  |
| 002-101.4.1.1                     | 003            |                |   |  |
| 002-101.4.1.2                     | 003            |                |   |  |
| 002-101.4.1.3                     | 003            |                |   |  |
| 002-101.4.1.4                     | 003            |                |   |  |
| 002-101.4.1.5                     | 003            |                |   |  |
| 002-101.4.2                       | 003            |                |   |  |
| 002-101.4.2.1                     | 003            |                |   |  |
| 002-101.4.2.2                     | 003            |                |   |  |
| 002-101.4.2.3                     | 003            |                |   |  |
| 002-101.4.2.4                     | 003            |                |   |  |
| 002-101.4.3                       | 003            |                |   |  |

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| 002-101.4.3.1                     | 003            |                |   |  |
| 002-101.4.3.2                     | 003            |                |   |  |
| 002-101.4.3.3                     | 003            |                |   |  |
| 002-101.4.3.4                     | 003            |                |   |  |
| 002-101.4.3.5                     | 003            |                |   |  |
| 002-101.4.3.6                     | 003            |                |   |  |
| 002-101.4.3.7                     | 003            |                |   |  |
| 002-101.4.3.8                     | 003            |                |   |  |
| 002-101.4.3.9                     | 003            |                |   |  |
| 002-101.4.3.10                    | 003            |                |   |  |
| 002-101.4.3.11                    | 003            |                |   |  |
| 002-101.4.3.12                    | 003            |                |   |  |
| 002-101.4.3.13                    | 003            |                |   |  |
| 002-101.4.3.14                    | 003            |                |   |  |
| 002-101.4.3.15                    | 003            |                |   |  |
| 002-101.4.3.16                    | 003            |                |   |  |
| 002-101.4.3.17                    | 003            |                |   |  |
| 002-101.4.3.18                    | 003            |                |   |  |
| 002-101.4.3.19                    | 003            |                |   |  |
| 002-101.4.3.20                    | 003            |                |   |  |
| 002-101.5                         | 003            |                |   |  |
| 002-101.5.1                       | 003            |                |   |  |
| 002-101.5.2                       | 003            |                |   |  |
| 002-101.5.3                       | 003            |                |   |  |
| 002-101.5.4                       | 003            |                |   |  |
| 002-101.5.5                       | 003            |                |   |  |
| 002-101.6                         | 003            |                |   |  |
| 002-101.6.1                       | 003            |                |   |  |

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|---|----------------|--|---|--|
| 002-101.6.2   | 003            |  |   |  |
| 002-101.6.3   | 003            |  |   |  |
| <b>WEQ-003</b> Open Access Same-Time Information Systems (OASIS) Data Dictionary, Version 2.1 |                |  |   |  |
| Title   | 002.0          |  |   |  |
| Introduction  | 003            |  |   |  |
| Applicability   | 003            |  |   |  |
| 003-0   | 000            | 001<br>002.0<br>002.1<br>003<br><b>003.1</b> |   |  |
| <b>WEQ-004</b> Coordinate Interchange Business Practice Standards                             |                |  |   |  |
| Introduction  | 000            | 001<br>002.0<br>003<br><b>003.1</b>          |   |  |
| Applicability   | 000            | 001<br>003<br><b>003.1</b>                   |   |  |
| Definition of Terms   | 000            | 001  |   |  |
| 004-0   | 000            | 001<br>RESERVED                              |   |  |
| 004-0.1   | 000            | 001<br>003<br>RESERVED                       |   |  |
| 004-0.2   | 001            | 003<br>RESERVED                              |   |  |
| 004-0.3   | 000            | 001<br>003<br>RESERVED                       |   |  |



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|-----------------------------------|----------------|----------------------------|---|--|
| 004-0.4                           | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.5                           | 001            | 003<br>RESERVED            |   |  |
| 004-0.6                           | 001            | 003<br>RESERVED            |   |  |
| 004-0.7                           | 001            | 003<br>RESERVED            |   |  |
| 004-0.8                           | 001            | 003<br>RESERVED            |   |  |
| 004-0.9                           | 001            | 003<br>RESERVED            |   |  |
| 004-0.10                          | 001            | 003<br>RESERVED            |   |  |
| 004-0.11                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.12                          | 001            | 003<br>RESERVED            |   |  |
| 004-0.13                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.14                          | 001            | 003<br>RESERVED            |   |  |
| 004-0.15                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.16                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.17                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.18                          | 000            | 001<br><br>003<br>RESERVED |   |  |
| 004-0.19                          | 001            | 003<br>RESERVED            |   |  |

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|-----------------------------------|-----------------|---|---|--|
| 004-0.20                          | 000             | 001<br><br>003<br>RESERVED                      |   |  |
| 004-0.21                          | 000             | 001<br><br>003<br>RESERVED                      |   |  |
| 004-0.22                          | 000             | 001<br><br>003<br>RESERVED                      |   |  |
| 004-1                             | 000             | 001<br><br>003<br><br><b>003.1</b>              |   |  |
| 004-1.1                           | 000             | 001<br><br><b>003.1</b>                         |   |  |
| 004-1.2                           | 000             | 001<br>RESERVED                                 |   |  |
| 004-1.3                           | 000             | 001<br>RESERVED                                 |   |  |
| 004-1.4                           | 000             | 001<br>RESERVED                                 |   |  |
| 004-1.5                           | 000             | 001<br>RESERVED                                 |   |  |
| 004-1.6                           | 000             | 001<br>RESERVED                                 |   |  |
| 004-1.7                           | <b>003.1</b>    |   |   |  |
| 004-2                             | 000             | 001<br><br>002.1<br><br>003<br><br><b>003.1</b> |   |  |
| 004-2.1                           | 000             | 001<br><br>003<br><br><b>003.1</b>              |   |  |
| 004-2.2                           | 001<br>RESERVED |   |   |  |
| 004-2.3                           | <b>003.1</b>    |   |   |  |

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| 004-2.4                           | <b>003.1</b>   |                                      |   |  |
| 004-3                             | 000            | 001<br><br>003<br><br><b>003.1</b>   |   |  |
| 004-3.1                           | 000            | 001<br><br><b>003.1<br/>RESERVED</b> |   |  |
| 004-4                             | 000            | 001<br><br>003<br>RESERVED           |   |  |
| 004-4.1                           | 000            | 001<br>RESERVED                      |   |  |
| 004-4.2                           | 000            | 001<br>RESERVED                      |   |  |
| 004-5                             | 000            | 001<br><br>003<br><br><b>003.1</b>   |   |  |
| 004-5.1                           | <b>003.1</b>   |                                      |   |  |
| 004-5.2                           | <b>003.1</b>   |                                      |   |  |
| 004-6                             | 000            | 001<br><br>003<br><br><b>003.1</b>   |   |  |
| 004-6.1                           | 000            | 001<br><br>003<br><br><b>003.1</b>   |   |  |
| 004-6.1.1                         | 001            | <b>003.1</b>                         |   |  |
| 004-6.1.2                         | 001            | 003<br><br><b>003.1</b>              |   |  |
| 004-6.1.3                         | 003            | <b>003.1</b>                         |   |  |
| 004-6.2                           | 000            | 001<br>RESERVED                      |   |  |

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|----------------------------|---------|------------------------------------|--|---|
| 004-7                      | 000     | 001<br><br>003                     |  |   |
| 004-7.1                    | 000     | 001<br>RESERVED                    |  |   |
| 004-8                      | 000     | 001<br><br>003<br><br><b>003.1</b> |  |   |
| 004-8.1                    | 000     | 001<br><br>003<br>RESERVED         |  |   |
| 004-8.2                    | 000     | 001<br><br>003<br>RESERVED         |  |   |
| 004-8.3                    | 000     | 001<br>RESERVED                    |  |   |
| 004-9                      | 000     | 001<br><br>003<br><br><b>003.1</b> |  |   |
| 004-10                     | 000     | 001<br><br>003<br><br><b>003.1</b> |  |   |
| 004-11                     | 000     | 001<br><br>003<br><br><b>003.1</b> |  |   |
| 004-11.1                   | 000     | 001<br><br>003<br><br><b>003.1</b> |  |   |
| 004-11.2                   | 001     | 003<br><br><b>003.1</b>            |  |   |
| 004-11.2.1                 | 001     | 003<br>RESERVED                    |  |   |

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| 004-11.3                          | 001            | 001<br>003                 |   |  |
| 004-11.4                          | 003            |                            |   |  |
| 004-12                            | 000            | 001<br>003<br><b>003.1</b> |   |  |
| 004-13                            | 000            | 001<br>003<br><b>003.1</b> |   |  |
| 004-14                            | 001            | 003<br><b>003.1</b>        |   |  |
| 004-14.1                          | 001            | 003<br><b>003.1</b>        |   |  |
| 004-15                            | 001            | 003<br><b>003.1</b>        |   |  |
| 004-16                            | 001            | 003                        |   |  |
| 004-17                            | 001            | 003<br><b>003.1</b>        |   |  |
| 004-17.1                          | 001            | 003<br><b>003.1</b>        |   |  |
| 004-17.2                          | 001            | 003<br><b>003.1</b>        |   |  |
| 004-17.3                          | 003            | <b>003.1</b>               |   |  |
| 004-18                            | 002.1          | 003<br><b>003.1</b>        |   |  |
| 004-18.1                          | 002.1          | 003<br><b>003.1</b>        |   |  |

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| 004-18.2                          | 002.1          | 003<br><b>003.1</b>                          |   |  |
| 004-19                            | 003            | <b>003.1</b>                                 |   |  |
| 004-19.1                          | 003            |  |   |  |
| 004-19.2                          | 003            |  |   |  |
| 004-20                            | <b>003.1</b>   |  |   |  |
| 004-21                            | <b>003.1</b>   |  |   |  |
| 004-21.1                          | <b>003.1</b>   |  |   |  |
| 004-21.2                          | <b>003.1</b>   |  |   |  |
| 004-22                            | <b>003.1</b>   |  |   |  |
| 004-A                             | 000            | 001<br>002.0<br>002.1<br>003<br><b>003.1</b> |   |  |
| 004-B                             | 000            | 001<br>002.0<br>003<br><b>003.1</b>          |   |  |
| 004-C                             | 000            | 001<br>002.0<br>003<br><b>003.1</b>          |   |  |
| 004-D                             | 000            | 001<br>002.0<br>002.1<br>003<br><b>003.1</b> |   |  |

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| <b>WEQ-005 Area Control Error (ACE) Equation Special Cases Business Practice Standards</b> |                |                            |   |  |
| Introduction   | 000            | 002.0                      |   |  |
| Applicability  | 000            |                            |   |  |
| Definition of Terms  | 000            |                            |   |  |
| 005-0  | 000            | 001<br>RESERVED            |   |  |
| 005-0.1  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.2  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.3  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.4  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.5  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.6  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.7  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.8  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.9  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-0.10   | 000            | 001<br><br>003<br>RESERVED |   |  |

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| 005-0.11  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 005-1   | 000            |                            |   |  |
| 005-1.1   | 000            |                            |   |  |
| 005-1.2   | 000            |                            |   |  |
| 005-1.2.1   | 000            |                            |   |  |
| 005-1.2.2   | 000            |                            |   |  |
| 005-2   | 000            |                            |   |  |
| 005-2.1   | 000            |                            |   |  |
| 005-2.1.1   | 000            |                            |   |  |
| 005-2.1.1.1   | 000            |                            |   |  |
| 005-2.1.1.2   | 000            |                            |   |  |
| 005-3   | 000            |                            |   |  |
| 005.3.1   | 000            |                            |   |  |
| 005-3.1.1   | 000            |                            |   |  |
| 005-3.1.2   | 000            |                            |   |  |
| 005-3.1.3   | 000            |                            |   |  |
| 005-A   | 000            | 002.0                      |   |  |
| <b>WEQ-006 Manual Time Error Correction Business Practice Standards</b> |                |                            |   |  |
| Introduction  | 000            | 002.0                      |   |  |
| Applicability   | 000            |                            |   |  |
| Definition of Terms   | 000            |                            |   |  |
| 006-0   | 000            | 001<br>RESERVED            |   |  |
| 006-0.1   | 000            | 001<br><br>003<br>RESERVED |   |  |
| 006-0.2   | 000            | 001<br><br>003<br>RESERVED |   |  |



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| 006-0.3                           | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-0.4                           | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-0.5                           | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-0.6                           | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-0.7                           | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-0.8                           | 000            | 001<br><br>002.0<br><br>003<br>RESERVED |   |  |
| 006-0.9                           | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-0.10                          | 000            | 001<br><br>003<br>RESERVED              |   |  |
| 006-1                             | 000            | 003                                     |   |  |
| 006-1.1                           | 000            | 003                                     |   |  |
| 006-2                             | 000            | 003                                     |   |  |
| 006-3                             | 000            | 002.0<br><br>003                        |   |  |
| 006-4                             | 000            | 001<br><br>002.0<br><br>003             |   |  |

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|--|----------------|-------------------------------------|---|--|
| 006-5  | 000            | 001<br>002.0<br>003<br><b>003.1</b> |   |  |
| 006-6  | 000            | 003                                 |   |  |
| 006-7  | 000            | 003                                 |   |  |
| 006-7.1  | 000            | 003                                 |   |  |
| 006-7.2  | 000            | 003                                 |   |  |
| 006-8  | 000            | 003                                 |   |  |
| 006-9  | 000            | 003                                 |   |  |
| 006-10   | 000            | 003                                 |   |  |
| 006-11   | 000            | 003                                 |   |  |
| 006-12   | 000            | 003                                 |   |  |
| <b>WEQ-007 Inadvertent Interchange Payback Business Practice Standards</b> |                |                                     |   |  |
| Introduction   | 000            | 002.0                               |   |  |
| Applicability  | 000            |                                     |   |  |
| Definition of Terms  | 000            |                                     |   |  |
| 007-0  | 000            | 001<br>RESERVED                     |   |  |
| 007-0.1  | 000            | 001<br>003<br>RESERVED              |   |  |
| 007-0.2  | 000            | 001<br>003<br>RESERVED              |   |  |
| 007-0.3  | 000            | 001<br>003<br>RESERVED              |   |  |
| 007-0.4  | 000            | 001<br>003<br>RESERVED              |   |  |

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|--|----------------|----------------------------|---|--|
| 007-0.5  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 007-0.6  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 007-0.7  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 007-0.8  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 007-0.9  | 000            | 001<br><br>003<br>RESERVED |   |  |
| 007-0.10   | 000            | 001<br><br>003<br>RESERVED |   |  |
| 007-1  | 000            |                            |   |  |
| 007-1.1  | 000            |                            |   |  |
| 007-1.1.1  | 000            |                            |   |  |
| 007-1.1.1.1  | 000            |                            |   |  |
| 007-1.1.1.2  | 000            |                            |   |  |
| 007-1.1.2  | 000            |                            |   |  |
| 007-2  | 000            |                            |   |  |
| 007-A  | 000            | 001<br><br>002.0           |   |  |
| <b>WEQ-008</b> Transmission Loading Relief (TLR) - Eastern Interconnection Business Practice Standards |                |                            |   |  |
| Introduction   | 000            | 002.0                      |   |  |
| Applicability  | 000            |                            |   |  |
| Definition of Terms  | 000            |                            |   |  |
| 008-0  | 000            | 001<br>RESERVED            |   |  |

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|-----------------------------------|----------------|------------------------------|---|--|
| 008-0.1                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.2                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.3                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.4                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.5                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.6                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.7                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.8                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.9                           | 001            | 003<br>RESERVED              |   |  |
| 008-0.10                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.11                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.12                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.13                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.14                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.15                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.16                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.17                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.18                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.19                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.20                          | 001            | 002.1<br><br>003<br>RESERVED |   |  |
| 008-0.21                          | 001            | 003<br>RESERVED              |   |  |
| 008-0.22                          | 001            | 003<br>RESERVED              |   |  |

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|-----------------------------------|----------------|-----------------|---|--|
| 008-0.23                          | 001            | 003<br>RESERVED |   |  |
| 008-0.24                          | 001            | 003<br>RESERVED |   |  |
| 008-0.25                          | 001            | 003<br>RESERVED |   |  |
| 008-0.26                          | 001            | 003<br>RESERVED |   |  |
| 008-0.27                          | 001            | 003<br>RESERVED |   |  |
| 008-0.28                          | 001            | 003<br>RESERVED |   |  |
| 008-0.29                          | 001            | 003<br>RESERVED |   |  |
| 008-0.30                          | 001            | 003<br>RESERVED |   |  |
| 008-0.31                          | 001            | 003<br>RESERVED |   |  |
| 008-0.32                          | 001            | 003<br>RESERVED |   |  |
| 008-0.33                          | 001            | 003<br>RESERVED |   |  |
| 008-0.34                          | 001            | 003<br>RESERVED |   |  |
| 008-0.35                          | 001            | 003<br>RESERVED |   |  |
| 008-0.36                          | 001            | 003<br>RESERVED |   |  |
| 008-0.37                          | 001            | 003<br>RESERVED |   |  |
| 008-0.38                          | 001            | 003<br>RESERVED |   |  |
| 008-0.39                          | 001            | 003<br>RESERVED |   |  |
| 008-0.40                          | 001            | 003<br>RESERVED |   |  |
| 008-0.41                          | 001            | 003<br>RESERVED |   |  |
| 008-0.42                          | 001            | 003<br>RESERVED |   |  |
| 008-0.43                          | 001            | 003<br>RESERVED |   |  |
| 008-1                             | 001            |                 |   |  |
| 008-1.1                           | 001            |                 |   |  |

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|-----------------------------------|----------------|-----------------|---|--|
| 008-1.2                           | 001            |                 |   |  |
| 008-1.2.1                         | 001            |                 |   |  |
| 008-1.3                           | 001            |                 |   |  |
| 008-1.3.1                         | 001            |                 |   |  |
| 008-1.3.1.1                       | 001            |                 |   |  |
| 008-1.3.2                         | 001            |                 |   |  |
| 008-1.4                           | 001            | 002<br>002.1    |   |  |
| 008-1.5                           | 001            |                 |   |  |
| 008-1.6                           | 001            |                 |   |  |
| 008-1.7                           | 003            | 003<br>RESERVED |   |  |
| 008-1.7.1                         | 003            | 003<br>RESERVED |   |  |
| 008-1.7.1.1                       | 003            | 003<br>RESERVED |   |  |
| 008-1.7.1.1.1                     | 003            | 003<br>RESERVED |   |  |
| 008-1.7.1.1.2                     | 003            | 003<br>RESERVED |   |  |
| 008-1.7.1.2                       | 003            | 003<br>RESERVED |   |  |
| 008-2                             | 001            |                 |   |  |
| 008-2.1                           | 001            |                 |   |  |
| 008-2.1.1                         | 001            |                 |   |  |
| 008-2.1.2                         | 001            |                 |   |  |
| 008-2.1.3                         | 001            |                 |   |  |
| 008-2.1.4                         | 001            |                 |   |  |
| 008-2.1.5                         | 001            |                 |   |  |
| 008-2.1.6                         | 001            |                 |   |  |
| 008-2.1.7                         | 001            | 002.0           |   |  |
| 008-2.1.8                         | 001            | 002.1           |   |  |

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|-----------------------------------|----------------|----------------|---|--|
| 008-2.2                           | 001            |                |   |  |
| 008-2.2.1                         | 001            |                |   |  |
| 008-2.2.1.1                       | 001            | 003            |   |  |
| 008-2.2.1.2                       | 001            |                |   |  |
| 008-2.3                           | 001            |                |   |  |
| 008-2.3.1                         | 001            |                |   |  |
| 008-2.3.1.1                       | 001            |                |   |  |
| 008-2.3.1.2                       | 001            |                |   |  |
| 008-2.4                           | 001            |                |   |  |
| 008-2.4.1                         | 001            |                |   |  |
| 008-2.4.2                         | 001            |                |   |  |
| 008-2.4.3                         | 001            |                |   |  |
| 008-2.4.4                         | 001            |                |   |  |
| 008-3                             | 001            | 002.1          |   |  |
| 008-3.1                           | 001            |                |   |  |
| 008-3.2                           | 001            |                |   |  |
| 008-3.2.1                         | 001            |                |   |  |
| 008-3.2.1.1                       | 001            |                |   |  |
| 008-3.2.1.2                       | 001            |                |   |  |
| 008-3.2.2                         | 001            |                |   |  |
| 008-3.2.3                         | 001            |                |   |  |
| 008-3.2.4                         | 001            |                |   |  |
| 008-3.2.5                         | 001            |                |   |  |
| 008-3.3                           | 001            |                |   |  |
| 008-3.3.1                         | 001            | 003            |   |  |
| 008-3.3.1.1                       | 001            |                |   |  |
| 008-3.3.1.2                       | 001            | 003            |   |  |
| 008-3.3.2                         | 001            |                |   |  |

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|-----------------------------------|----------------|----------------|---|--|
| 008-3.3.2.1                       | 001            |                |   |  |
| 008-3.3.2.1.1                     | 001            |                |   |  |
| 008-3.3.2.2                       | 001            |                |   |  |
| 008-3.3.2.3                       | 001            |                |   |  |
| 008-3.3.2.4                       | 001            |                |   |  |
| 008-3.3.2.5                       | 001            |                |   |  |
| 008-3.3.2.6                       | 001            |                |   |  |
| 008-3.3.2.6.1                     | 001            |                |   |  |
| 008-3.3.3                         | 001            |                |   |  |
| 008-3.3.3.1                       | 001            |                |   |  |
| 008-3.3.4                         | 001            |                |   |  |
| 008-3.3.5                         | 001            |                |   |  |
| 008-3.3.5.1                       | 001            |                |   |  |
| 008-3.3.5.2                       | 001            |                |   |  |
| 008-3.3.5.3                       | 001            |                |   |  |
| 008-3.3.5.4                       | 001            |                |   |  |
| 008-3.4                           | 001            |                |   |  |
| 008-3.4.1                         | 001            |                |   |  |
| 008-3.4.1.1                       | 001            |                |   |  |
| 008-3.4.1.2                       | 001            |                |   |  |
| 008-3.4.2                         | 001            |                |   |  |
| 008-3.4.3                         | 001            |                |   |  |
| 008-3.4.4                         | 001            |                |   |  |
| 008-3.5                           | 001            |                |   |  |
| 008-3.5.1                         | 001            |                |   |  |
| 008-3.5.2                         | 001            |                |   |  |
| 008-3.5.2.1                       | 001            |                |   |  |
| 008-3.5.3                         | 002.1          |                |   |  |



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|-----------------------------------|----------------|----------------|---|--|
| 008-3.6                           | 001            |                |   |  |
| 008-3.6.1                         | 001            |                |   |  |
| 008-3.6.2                         | 001            | 002.1          |   |  |
| 008-3.6.2.1                       | 001            | 002.1          |   |  |
| 008-3.6.2.1.1                     | 001            |                |   |  |
| 008-3.6.2.2                       | 001            | 002.1          |   |  |
| 008-3.6.2.3                       | 001            | 002.1          |   |  |
| 008-3.6.2.3.1                     | 001            |                |   |  |
| 008-3.6.2.3.2                     | 001            |                |   |  |
| 008-3.7                           | 001            | 002.1          |   |  |
| 008-3.7.1                         | 001            | 002.1          |   |  |
| 008-3.7.1.1                       | 001            | 002.1          |   |  |
| 008-3.7.1.1.1                     | 001            | 002.1          |   |  |
| 008-3.7.1.2                       | 001            | 002.1          |   |  |
| 008-3.7.1.3                       | 001            | 002.1          |   |  |
| 008-3.7.1.3.1                     | 001            |                |   |  |
| 008-3.7.1.3.2                     | 001            |                |   |  |
| 008-3.8                           | 001            |                |   |  |
| 008-3.9                           | 001            |                |   |  |
| 008-3.9.1                         | 001            |                |   |  |
| 008-3.10                          | 001            |                |   |  |
| 008-3.11                          | 001            |                |   |  |
| 008-3.11.1                        | 001            |                |   |  |
| 008-3.11.1.1                      | 001            |                |   |  |
| 008-3.11.2                        | 001            |                |   |  |
| 008-3.11.2.1                      | 001            |                |   |  |
| 008-3.11.2.1.1                    | 001            |                |   |  |
| 008-3.11.2.1.2                    | 001            |                |   |  |

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|---|----------------|-----------------|---|--|
| 008-3.11.2.1.3  | 001            |                 |   |  |
| 008-3.11.2.1.4  | 001            |                 |   |  |
| 008-3.11.2.2  | 001            |                 |   |  |
| 008-3.11.2.2.1  | 001            |                 |   |  |
| 008-3.11.2.2.2  | 001            |                 |   |  |
| 008-3.11.2.2.3  | 001            |                 |   |  |
| 008-3.11.2.2.4  | 001            |                 |   |  |
| 008-3.11.2.3  | 001            |                 |   |  |
| 008-3.11.2.4  | 001            |                 |   |  |
| 008-3.11.2.4.1  | 001            |                 |   |  |
| 008-3.11.2.4.2  | 001            |                 |   |  |
| 008-3.11.2.5  | 001            |                 |   |  |
| 008-3.11.2.6  | 001            |                 |   |  |
| 008-3.11.2.7  | 001            |                 |   |  |
| 008-3.11.2.8  | 001            |                 |   |  |
| 008-A   | 001            | 002.0<br>003    |   |  |
| 008-B   | 001            | 002.0           |   |  |
| 008-C   | 001            | 002.0<br>002.1  |   |  |
| 008-D   | 001            | 002<br>002.1    |   |  |
| <b>WEQ-009 Standards of Conduct for Electric Transmission Providers Business Practice Standards</b> |                |                 |   |  |
| Applicability   | 000            | 001<br>RESERVED |   |  |
| Definition of Terms   | 000            | 001<br>RESERVED |   |  |
| 009-0   | 000            | 001<br>RESERVED |   |  |
| 009-1   | 000            | 001<br>RESERVED |   |  |

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|--|-----------------|--------------------------|---|--|
| 009-2  | 000             | 001<br>RESERVED          |   |  |
| 009-3  | 000<br>RESERVED |                          |   |  |
| 009-4  | 000             | 001<br>RESERVED          |   |  |
| 009-5  | 000             | 001<br>RESERVED          |   |  |
| 009-6  | 001             | 001<br>RESERVED          |   |  |
| <b>WEQ-010</b> Contracts Related Business Practice Standards               |                 |                          |   |  |
| 010-1  | 000             |                          |   |  |
| <b>WEQ-011</b> Gas / Electric Coordination Business Practice Standards     |                 |                          |   |  |
| Introduction   | 001             | 003                      |   |  |
| Applicability  | 003             |                          |   |  |
| Definition of Terms  | 001             | 002.0                    |   |  |
| 011-0.1  | 001             | 003<br>RESERVED          |   |  |
| 011-0.2  | 001             | 003<br>RESERVED          |   |  |
| 011-0.3  | 001             | 003<br>RESERVED          |   |  |
| 011-1.1  | 001             | 003                      |   |  |
| 011-1.2  | 001             | 003                      | 001 / 002.0 / 003                             | 011-INT1<br>(C07001)                                       |
| 011-1.3  | 001             | 003                      |   |  |
| 011-1.4  | 001             | 003                      |   |  |
| 011-1.5  | 001             | 003                      |   |  |
| 011-1.6  | 001             | 003                      |   |  |
| 011-INT1   | 002.0           | 003                      |   |  |
| <b>WEQ-012</b> Public Key Infrastructure (PKI) Business Practice Standards |                 |                          |   |  |
| Recommended Standard Introduction  | 001             | <b>003.1</b>             |   |  |
| Certification  | 001             | <b>003.1<br/>DELETED</b> |   |  |
| Scope  | 001             | <b>003.1</b>             |   |  |

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|-----------------------------------|----------------|---------------------------|---|--|
| Commitment to Open Standards      | 001            | <b>003.1</b>              |   |  |
| Definition of Terms               | 001            |                           |   |  |
| 012-0.1                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.2                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.3                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.4                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.5                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.6                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.7                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.8                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.9                           | 001            | 003<br>RESERVED           |   |  |
| 012-0.10                          | 001            | 003<br>RESERVED           |   |  |
| 012-0.11                          | 001            | 003<br>RESERVED           |   |  |
| 012-0.12                          | 001            | 003<br>RESERVED           |   |  |
| 012-0.13                          | 001            | 003<br>RESERVED           |   |  |
| 012-0.14                          | 001            | 003<br>RESERVED           |   |  |
| 012-0.15                          | 001            | 003<br>RESERVED           |   |  |
| 012-1                             | 001            | <b>003.1</b>              |   |  |
| 012-1.1                           | 001            | <b>003.1</b>              |   |  |
| 012-1.2                           | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.2.1                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.2.2                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.3                           | 001            | <b>003.1<br/>RESERVED</b> |   |  |

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|-----------------------------------|----------------|---------------------------|---|--|
| 012-1.3.1                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.3.2                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.3.3                         | 001            | <b>003.1</b>              |   |  |
| 012-1.3.4                         | 001            | <b>003.1</b>              |   |  |
| 012-1.4                           | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.4.1                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.4.2                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.4.3                         | 001            | <b>003.1</b>              |   |  |
| 012-1.4.4                         | 001            | <b>003.1</b>              |   |  |
| 012-1.4.5                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.5                           | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.6                           | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.6.1                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.7                           | 001            | <b>003.1</b>              |   |  |
| 012-1.8                           | 001            | <b>003.1</b>              |   |  |
| 012-1.9                           | 001            | <b>003.1</b>              |   |  |
| 012-1.9.1                         | 001            | <b>003.1</b>              |   |  |
| 012-1.9.2                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.9.3                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.9.4                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.9.5                         | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.10                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.11                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.12                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |

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|-----------------------------------|----------------|---------------------------|---|--|
| 012-1.13                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.14                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.15                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.16                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.17                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.18                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.18.1                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.18.2                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.18.3                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.1                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.2                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.3                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.4                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.5                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.6                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.7                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.19.8                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.20                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.21                          | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012.1.21.1                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |
| 012-1.21.2                        | 001            | <b>003.1<br/>RESERVED</b> |   |  |

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| 012-1.21.3                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.21.4                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.22                          | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.22.1                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.22.2                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.22.3                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.23                          | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.23.1                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.23.2                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.23.3                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.23.4                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.23.5                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.24                          | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.25                          | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.26                          | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.26.1                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.26.2                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.26.3                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012-1.26.4                        | 001            | <b>003.1</b>                          |   |  |
| 012-1.26.5                        | 001            | <b>003.1<br/>RESERVED</b>             |   |  |
| 012 End Notes                     | 001            | 002.0<br><br><b>003.1<br/>DELETED</b> |   |  |

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| <b>WEQ-013 Open Access Same-Time Information Systems (OASIS) Implementation Guide, Version 2.1</b> |                 |                               |   |  |
| Title  | 002.0           |                               |   |  |
| Introduction   | 001             | 002.0                         |   |  |
| Applicability  | 003             |                               |   |  |
| Definition of Terms  | 001             | 002.0                         |   |  |
| 013-0.1  | 001             | 003<br>RESERVED               |   |  |
| 013-0.2  | 001             | 003<br>RESERVED               |   |  |
| 013-0.3  | 001             | 003<br>RESERVED               |   |  |
| 013-0.4  | 001             | 003<br>RESERVED               |   |  |
| 013-0.5  | 001             | 003<br>RESERVED               |   |  |
| 013-0.6  | 002.0           | 003<br>RESERVED               |   |  |
| 013-1  | 001<br>RESERVED |                               |   |  |
| 013-1.1  | 001<br>RESERVED |                               |   |  |
| 013-2  | 001             | 002.0<br><br>003              |   |  |
| 013-2.1  | 001             | 002.0<br><br>002.1<br><br>003 |   |  |
| 013-2.2  | 001             | 002.0<br><br>003              |   |  |
| 013-2.2.1  | 002.0           | 003                           |   |  |
| 013-2.2.2  | 002.0           |                               |   |  |
| 013-2.3  | 001             | 002.0<br><br>003              |   |  |
| 013-2.4  | 001             | 002.0                         |   |  |
| 013-2.4.1  | 001             | 003                           |   |  |



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| 013-2.4.2                         | 001            | 003                                   |   |  |
| 013-2.5                           | 001            | 002.0<br>003                          |   |  |
| 013-2.6                           | 001            | 003                                   |   |  |
| 013-2.6.1                         | 001            | 002.0<br>003<br><b>003.1</b>          |   |  |
| 013-2.6.1.1                       | 001            | 002.0<br>003<br><b>003.1</b>          |   |  |
| 013-2.6.1.2                       | 001            | 002.0<br>003                          |   |  |
| 013-2.6.1.3                       | 002.0          | 002.0<br>003<br><b>003.1</b>          |   |  |
| 013-2.6.1.4                       | 002.0          | <b>003.1</b>                          |   |  |
| 013-2.6.2                         | 001            | 002.0<br>002.1<br>003<br><b>003.1</b> |   |  |
| 013-2.6.3                         | 001            | 002.0<br>003<br><b>003.1</b>          |   |  |
| 013-2.6.4                         | 001            | 002.0<br><b>003.1</b>                 |   |  |
| 013-2.6.5                         | 001            | 003                                   |   |  |

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| 013-2.6.5.1                       | 001            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 013-2.6.5.2                       | 001            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 013-2.6.6                         | 001            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 013-2.6.7                         | 001            | <b>003.1</b>                         |   |  |
| 013-2.6.7.1                       | 001            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 013-2.6.7.2                       | 001            | 002.0<br><br>003<br><br><b>003.1</b> |   |  |
| 013-2.6.8                         | 002.0          |                                      |   |  |
| 013-2.6.8.1                       | 002.0          | 003                                  |   |  |
| 013-2.6.8.2                       | 002.0          | 002.1<br><br>003<br><br><b>003.1</b> |   |  |
| 013-2.6.9                         | 003            | <b>003.1</b>                         |   |  |
| 013-3                             | 001            | 003                                  |   |  |
| 013-3.1                           | 001            | 003<br><br><b>003.1</b>              |   |  |

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| 013-3.2                           | 001            | 002.0<br>002.1<br>003<br><b>003.1</b> |   |  |
| 013-3.3                           | 002.0          | 003                                   |   |  |
| 013-3.3.1                         | 002.0          | 003<br><b>003.1</b>                   |   |  |
| 013-3.3.2                         | 002.0          | 003                                   |   |  |
| 013-3.4                           | 002.0          | 003                                   |   |  |
| 013-3.4.1                         | 002.0          | 003                                   |   |  |
| 013-3.4.2                         | 002.0          | 003                                   |   |  |
| 013-3.5                           | 002.0          | 003                                   |   |  |
| 013-3.6                           | 002.0          | 003                                   |   |  |
| 013-3.7                           | 002.0          | 003                                   |   |  |
| 013-3.8                           | 002.0          | 003                                   |   |  |
| 013-4                             | 001            | 003                                   |   |  |
| 013-4.1                           | 001            | 003                                   |   |  |
| 013-4.1.1                         | 001            | 002.0<br>003                          |   |  |
| 013-4.1.2                         | 001            | 002.0<br>002.1<br>003                 |   |  |
| 013-4.1.3                         | 001            | 002.0<br>003                          |   |  |
| 013-4.1.4                         | 001            | 002.0<br>003                          |   |  |
| 013-4.1.5                         | 001            | 002.0<br>003                          |   |  |

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| 013-4.1.6                         | 001            | 003            |   |  |
| 013-4.1.6.1                       | 001            | 003            |   |  |
| 013-4.1.6.2                       | 001            | 003            |   |  |
| 013-4.1.6.3                       | 001            | 003            |   |  |
| 013-4.1.6.4                       | 001            | 003            |   |  |
| 013-4.1.6.5                       | 001            | 003            |   |  |
| 013-4.1.6.6                       | 001            | 003            |   |  |
| 013-4.1.7                         | 001            | 003            |   |  |
| 013-4.1.7.1                       | 001            |                |   |  |
| 013-4.1.7.2                       | 001            | 002.0<br>003   |   |  |
| 013-4.1.8                         | 002.0          | 003            |   |  |
| 013-4.1.9                         | 003            |                |   |  |
| 013-4.2                           | 001            | 003            |   |  |
| 013-5.10.2                        | 002.0          |                |   |  |
| 013-101                           | 003            |                |   |  |
| 013-101.1                         | 003            |                |   |  |
| 013-101.2                         | 003            |                |   |  |
| 013-101.3                         | 003            |                |   |  |
| 013-101.4                         | 003            |                |   |  |
| 013-101.5                         | 003            |                |   |  |
| 013-101.6                         | 003            |                |   |  |
| 013-101.7                         | 003            |                |   |  |
| 013-102                           | 003            |                |   |  |
| 013-102.1                         | 003            |                |   |  |
| 013-102.2                         | 003            |                |   |  |
| 013-102.3                         | 003            |                |   |  |
| 013-102.4                         | 003            |                |   |  |

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| 013-102.5                         | 003            |                |   |  |
| 013-102.6                         | 003            |                |   |  |
| 013-102.7                         | 003            |                |   |  |
| 013-103                           | 003            |                |   |  |
| 013-103.1                         | 003            |                |   |  |
| 013-104                           | 003            |                |   |  |
| 013-104.1                         | 003            |                |   |  |
| 013-104.1.1                       | 003            |                |   |  |
| 013-104.1.2                       | 003            |                |   |  |
| 013-104.1.3                       | 003            |                |   |  |
| 013-104.1.4                       | 003            |                |   |  |
| 013-104.1.5                       | 003            |                |   |  |
| 013-104.1.6                       | 003            |                |   |  |
| 013-104.1.7                       | 003            |                |   |  |
| 013-104.1.8                       | 003            |                |   |  |
| 013-104.2                         | 003            |                |   |  |
| 013-104.2.1                       | 003            |                |   |  |
| 013-104.2.2                       | 003            |                |   |  |
| 013-104.2.3                       | 003            |                |   |  |
| 013-104.3                         | 003            |                |   |  |
| 013-104.3.1                       | 003            |                |   |  |
| 013-104.3.2                       | 003            |                |   |  |
| 013-104.3.3                       | 003            |                |   |  |
| 013-104.3.4                       | 003            |                |   |  |
| 013-104.3.5                       | 003            |                |   |  |
| 013-104.3.6                       | 003            |                |   |  |
| 013-104.3.7                       | 003            |                |   |  |
| 013-104.3.8                       | 003            |                |   |  |

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| 013-104.4  | 003            |                  |   |  |
| 013-104.4.1  | 003            |                  |   |  |
| 013-104.4.2  | 003            |                  |   |  |
| 013-104.4.3  | 003            |                  |   |  |
| 013-104.4.4  | 003            |                  |   |  |
| 013-105  | 003            |                  |   |  |
| 013-105.1  | 003            |                  |   |  |
| 013-105.2  | 003            |                  |   |  |
| 013-106  | 003            |                  |   |  |
| 013-A  | 002.0          | <b>003.1</b>     |   |  |
| 013-B  | 002.0          |                  |   |  |
| 013-C  | 003            | <b>003.1</b>     |   |  |
| 013-D  | 003            |                  |   |  |
| 013-E  | 003            | <b>003.1</b>     |   |  |
| <b>WEQ-014 WEQ / WGQ eTariff Related Business Practice Standards</b> |                |                  |   |  |
| 014-0.1  | 002.0          | 003<br>RESERVED  |   |  |
| 014-0.2  | 002.0          | 003<br>RESERVED  |   |  |
| 014-0.3  | 002.0          | 003<br>RESERVED  |   |  |
| 014-0.4  | 002.0          | 003<br>RESERVED  |   |  |
| 014-0.5  | 002.0          | 003<br>RESERVED  |   |  |
| 014-1  | 002.0          |                  |   |  |
| 014-2  | 002.0          |                  |   |  |
| 014-A  | 002.0          | 002.1<br><br>003 |   |  |

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| <b>WEQ-015 Measurement and Verification of Wholesale Electricity Demand Response Business Practice Standards</b> |                |                |   |  |
| Introduction   | 003            |                |   |  |
| Applicability  | 003            |                |   |  |
| Overview   | 003            |                |   |  |
| Performance Evaluation Methodology   | 003            |                |   |  |
| 015-1.0  | 003            |                |   |  |
| 015-1.0.1  | 003            |                |   |  |
| 015-1.0.2  | 003            |                |   |  |
| 015-1.0.3  | 003            |                |   |  |
| 015-1.0.4  | 003            |                |   |  |
| 015-1.0.5  | 003            |                |   |  |
| 015-1.0.6  | 003            |                |   |  |
| 015-1.0.7  | 003            |                |   |  |
| 015-1.0.8  | 003            |                |   |  |
| 015-1.1  | 003            |                |   |  |
| 015-1.1.1  | 003            |                |   |  |
| 015-1.1.2  | 003            |                |   |  |
| 015-1.1.3  | 003            |                |   |  |
| 015-1.1.4  | 003            |                |   |  |
| 015-1.1.5  | 003            |                |   |  |
| 015-1.1.6  | 003            |                |   |  |
| 015-1.1.7  | 003            |                |   |  |
| 015-1.2  | 003            |                |   |  |
| 015-1.2.1  | 003            |                |   |  |
| 015-1.2.2  | 003            |                |   |  |
| 015-1.2.3  | 003            |                |   |  |
| 015-1.2.4  | 003            |                |   |  |

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| 015-1.2.5                         | 003            |                |   |  |
| 015-1.2.6                         | 003            |                |   |  |
| 015-1.2.7                         | 003            |                |   |  |
| 015-1.2.8                         | 003            |                |   |  |
| 015-1.3                           | 003            |                |   |  |
| 015-1.3.1                         | 003            |                |   |  |
| 015-1.4                           | 003            |                |   |  |
| 015-1.4.1                         | 003            |                |   |  |
| 015-1.4.2                         | 003            |                |   |  |
| 015-1.4.3                         | 003            |                |   |  |
| 015-1.4.4                         | 003            |                |   |  |
| 015-1.4.5                         | 003            |                |   |  |
| 015-1.4.6                         | 003            |                |   |  |
| 015-1.4.7                         | 003            |                |   |  |
| 015-1.4.8                         | 003            |                |   |  |
| 015-1.5                           | 003            |                |   |  |
| 015-1.5.1                         | 003            |                |   |  |
| 015-1.5.2                         | 003            |                |   |  |
| 015-1.5.3                         | 003            |                |   |  |
| 015-1.5.4                         | 003            |                |   |  |
| 015-1.5.5                         | 003            |                |   |  |
| 015-1.5.6                         | 003            |                |   |  |
| 015-1.5.7                         | 003            |                |   |  |
| 015-1.6                           | 003            |                |   |  |
| 015-1.6.1                         | 003            |                |   |  |
| 015-1.6.2                         | 003            |                |   |  |
| 015-1.6.3                         | 003            |                |   |  |
| 015-1.6.4                         | 003            |                |   |  |



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| 015-1.6.5                         | 003            |                |   |  |
| 015-1.6.6                         | 003            |                |   |  |
| 015-1.6.7                         | 003            |                |   |  |
| 015-1.6.8                         | 003            |                |   |  |
| 015-1.7                           | 003            |                |   |  |
| 015-1.7.1                         | 003            |                |   |  |
| 015-1.8                           | 003            |                |   |  |
| 015-1.8.1                         | 003            |                |   |  |
| 015-1.8.2                         | 003            |                |   |  |
| 015-1.8.3                         | 003            |                |   |  |
| 015-1.8.4                         | 003            |                |   |  |
| 015-1.8.5                         | 003            |                |   |  |
| 015-1.8.6                         | 003            |                |   |  |
| 015-1.8.7                         | 003            |                |   |  |
| 015-1.8.8                         | 003            |                |   |  |
| 015-1.9                           | 003            |                |   |  |
| 015-1.9.1                         | 003            |                |   |  |
| 015-1.9.2                         | 003            |                |   |  |
| 015-1.9.3                         | 003            |                |   |  |
| 015-1.9.4                         | 003            |                |   |  |
| 015-1.9.5                         | 003            |                |   |  |
| 015-1.9.6                         | 003            |                |   |  |
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| 015-1.10                          | 003            |                |   |  |
| 015-1.10.1                        | 003            |                |   |  |
| 015-1.10.2                        | 003            |                |   |  |
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| 015-1.10.5                        | 003            |                |   |  |
| 015-1.10.6                        | 003            |                |   |  |
| 015-1.10.7                        | 003            |                |   |  |
| 015-1.10.8                        | 003            |                |   |  |
| 015-1.11                          | 003            |                |   |  |
| 015-1.11.1                        | 003            |                |   |  |
| 015-1.12                          | 003            |                |   |  |
| 015-1.12.1                        | 003            |                |   |  |
| 015-1.12.2                        | 003            |                |   |  |
| 015-1.12.3                        | 003            |                |   |  |
| 015-1.12.4                        | 003            |                |   |  |
| 015-1.12.5                        | 003            |                |   |  |
| 015-1.12.6                        | 003            |                |   |  |
| 015-1.12.7                        | 003            |                |   |  |
| 015-1.12.8                        | 003            |                |   |  |
| 015-1.13                          | 003            |                |   |  |
| 015-1.13.1                        | 003            |                |   |  |
| 015-1.13.2                        | 003            |                |   |  |
| 015-1.13.3                        | 003            |                |   |  |
| 015-1.13.4                        | 003            |                |   |  |
| 015-1.13.5                        | 003            |                |   |  |
| 015-1.13.6                        | 003            |                |   |  |
| 015-1.13.7                        | 003            |                |   |  |
| 015-1.14                          | 003            |                |   |  |
| 015-1.14.1                        | 003            |                |   |  |
| 015-1.14.2                        | 003            |                |   |  |
| 015-1.14.3                        | 003            |                |   |  |
| 015-1.14.4                        | 003            |                |   |  |

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| 015-1.14.5                        | 003            |                |   |  |
| 015-1.14.6                        | 003            |                |   |  |
| 015-1.14.7                        | 003            |                |   |  |
| 015-1.14.8                        | 003            |                |   |  |
| 015-1.15                          | 003            |                |   |  |
| 015-1.15.1                        | 003            |                |   |  |
| 015-1.16                          | 003            |                |   |  |
| 015-1.17                          | 003            |                |   |  |
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| 015-1.17.2                        | 003            |                |   |  |
| 015-1.17.3                        | 003            |                |   |  |
| 015-1.17.4                        | 003            |                |   |  |
| 015-1.18                          | 003            |                |   |  |
| 015-1.19                          | 003            |                |   |  |
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| 015-1.19.5                        | 003            |                |   |  |
| 015-1.19.6                        | 003            |                |   |  |
| 015-1.20                          | 003            |                |   |  |
| 015-1.20.1                        | 003            |                |   |  |
| 015-1.20.2                        | 003            |                |   |  |
| 015-1.20.3                        | 003            |                |   |  |
| 015-1.20.4                        | 003            |                |   |  |
| 015-1.21                          | 003            |                |   |  |
| 015-1.21.1                        | 003            |                |   |  |
| 015-1.21.2                        | 003            |                |   |  |

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| 015-1.22                          | 003            |                |   |  |
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| 015-1.22.2                        | 003            |                |   |  |
| 015-1.22.3                        | 003            |                |   |  |
| 015-1.22.4                        | 003            |                |   |  |
| 015-1.22.5                        | 003            |                |   |  |
| 015-1.22.6                        | 003            |                |   |  |
| 015-1.23                          | 003            |                |   |  |
| 015-1.23.1                        | 003            |                |   |  |
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| 015-1.23.3                        | 003            |                |   |  |
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| 015-1.24                          | 003            |                |   |  |
| 015-1.24.1                        | 003            |                |   |  |
| 015-1.24.2                        | 003            |                |   |  |
| 015-1.25                          | 003            |                |   |  |
| 015-1.25.1                        | 003            |                |   |  |
| 015-1.25.2                        | 003            |                |   |  |
| 015-1.25.3                        | 003            |                |   |  |
| 015-1.25.4                        | 003            |                |   |  |
| 015-1.25.5                        | 003            |                |   |  |
| 015-1.25.6                        | 003            |                |   |  |
| 015-1.26                          | 003            |                |   |  |
| 015-1.26.1                        | 003            |                |   |  |
| 015-1.26.2                        | 003            |                |   |  |
| 015-1.26.3                        | 003            |                |   |  |
| 015-1.26.4                        | 003            |                |   |  |
| 015-1.27                          | 003            |                |   |  |

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| 015-1.28  | 003            |                |   |  |
| 015-1.29  | 003            |                |   |  |
| 015-1.29.1  | 003            |                |   |  |
| 015-1.29.2  | 003            |                |   |  |
| 015-1.29.3  | 003            |                |   |  |
| 015-1.29.4  | 003            |                |   |  |
| 015-1.30  | 003            |                |   |  |
| <b>WEQ-016 Specifications for Common Electricity Product and Pricing Definition Business Practice Standards</b> |                |                |   |  |
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| 016-1.1   | 003            |                |   |  |
| 016-1.2   | 003            |                |   |  |
| 016-1.2.1   | 003            |                |   |  |
| 016-1.2.2   | 003            |                |   |  |
| 016-1.2.2.1   | 003            |                |   |  |
| 016-1.2.2.2   | 003            |                |   |  |
| 016-2   | 003            |                |   |  |
| 016-2.1   | 003            |                |   |  |
| 016-2.2   | 003            |                |   |  |
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| <b>WEQ-017 Specifications for Common Schedule Communication Mechanism for Energy Transactions Business Practice Standards</b> |                |                |   |  |
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| 017-1   | 003            |                |   |  |
| 017-1.1   | 003            |                |   |  |
| 017-2   | 003            |                |   |  |
| 017-2.1   | 003            |                |   |  |
| 017-2.1.1   | 003            |                |   |  |
| 017-A   | 003            |                |   |  |
| <b>WEQ-018 Specifications for Wholesale Standard Demand Response Signals Business Practice Standards</b>                      |                |                |   |  |
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| 018-1   | 003            |                |   |  |
| 018-1.1   | 003            |                |   |  |
| 018-1.2   | 003            |                |   |  |
| 018-1.3   | 003            |                |   |  |
| 018-1.4   | 003            |                |   |  |
| 018-1.4.1   | 003            |                |   |  |
| 018-1.4.2   | 003            |                |   |  |
| 018-1.4.3   | 003            |                |   |  |
| 018-1.4.4   | 003            |                |   |  |
| 018-1.4.5   | 003            |                |   |  |
| 018-1.4.6   | 003            |                |   |  |
| 018-1.4.7   | 003            |                |   |  |

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| 018-B  | 003            |                |   |  |
| <b>WEQ-019 Customer Energy Usage Information Communication Business Practice Standards</b> |                |                |   |  |
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| 019-1  | 003            |                |   |  |
| 019-1.1  | 003            |                |   |  |
| 019-1.1.1  | 003            |                |   |  |
| 019-1.1.2  | 003            |                |   |  |
| 019-1.1.3  | 003            |                |   |  |
| 019-1.1.4  | 003            |                |   |  |
| 019-1.1.5  | 003            |                |   |  |
| 019-1.1.6  | 003            |                |   |  |
| 019-1.1.7  | 003            |                |   |  |
| 019-2  | 003            |                |   |  |
| 019-2.1  | 003            |                |   |  |
| 019-2.1.1  | 003            |                |   |  |
| 019-2.1.2  | 003            |                |   |  |
| 019-2.1.3  | 003            |                |   |  |
| 019-2.1.4  | 003            |                |   |  |
| 019-2.1.5  | 003            |                |   |  |
| 019-2.1.6  | 003            |                |   |  |
| 019-2.2  | 003            |                |   |  |
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| 019-2.3.1                         | 003            |                |   |  |
| 019-2.3.2                         | 003            |                |   |  |
| 019-2.3.3                         | 003            |                |   |  |
| 019-2.3.4                         | 003            |                |   |  |
| 019-2.3.5                         | 003            |                |   |  |
| 019-2.3.6                         | 003            |                |   |  |
| 019-2.4                           | 003            |                |   |  |
| 019-2.4.1                         | 003            |                |   |  |
| 019-2.4.2                         | 003            |                |   |  |
| 019-2.4.3                         | 003            |                |   |  |
| 019-3                             | 003            | <b>003.1</b>   |   |  |
| 019-3.1                           | 003            | <b>003.1</b>   |   |  |
| 019-3.1.1                         | 003            |                |   |  |
| 019-3.1.2                         | 003            |                |   |  |
| 019-3.1.3                         | 003            |                |   |  |
| 019-3.1.4                         | 003            |                |   |  |
| 019-3.1.5                         | 003            |                |   |  |
| 019-3.1.6                         | 003            | <b>003.1</b>   |   |  |
| 019-3.1.7                         | 003            |                |   |  |
| 019-3.1.8                         | 003            |                |   |  |
| 019-3.1.9                         | 003            | <b>003.1</b>   |   |  |
| 019-3.1.10                        | 003            | <b>003.1</b>   |   |  |
| 019-3.1.11                        | 003            |                |   |  |
| 019-3.1.12                        | 003            |                |   |  |
| 019-3.1.13                        | 003            | <b>003.1</b>   |   |  |
| 019-3.1.14                        | 003            |                |   |  |
| 019-3.1.15                        | 003            |                |   |  |
| 019-3.1.16                        | 003            |                |   |  |



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| 019-3.1.17                        | 003            |                           |   |  |
| 019-3.1.18                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.19                        | 003            |                           |   |  |
| 019-3.1.20                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.21                        | 003            |                           |   |  |
| 019-3.1.22                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.23                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.24                        | 003            |                           |   |  |
| 019-3.1.25                        | 003            | <b>003.1<br/>RESERVED</b> |   |  |
| 019-3.1.26                        | 003            | <b>003.1<br/>RESERVED</b> |   |  |
| 019-3.1.27                        | 003            |                           |   |  |
| 019-3.1.28                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.29                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.30                        | 003            |                           |   |  |
| 019-3.1.31                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.32                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.33                        | 003            |                           |   |  |
| 019-3.1.34                        | 003            |                           |   |  |
| 019-3.1.35                        | 003            |                           |   |  |
| 019-3.1.36                        | 003            |                           |   |  |
| 019-3.1.37                        | 003            |                           |   |  |
| 019-3.1.38                        | 003            |                           |   |  |
| 019-3.1.39                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.40                        | 003            | <b>003.1<br/>RESERVED</b> |   |  |
| 019-3.1.41                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.42                        | 003            | <b>003.1</b>              |   |  |
| 019-3.1.43                        | <b>003.1</b>   |                           |   |  |

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| 019-3.1.44  | <b>003.1</b>   |                |   |  |
| 019-3.1.45  | <b>003.1</b>   |                |   |  |
| 019-3.1.46  | <b>003.1</b>   |                |   |  |
| 019-3.1.47  | <b>003.1</b>   |                |   |  |
| 019-3.1.48  | <b>003.1</b>   |                |   |  |
| 019-3.1.49  | <b>003.1</b>   |                |   |  |
| 019-3.1.50  | <b>003.1</b>   |                |   |  |
| 019-3.1.51  | <b>003.1</b>   |                |   |  |
| 019-3.1.52  | <b>003.1</b>   |                |   |  |
| 019-3.1.53  | <b>003.1</b>   |                |   |  |
| 019-3.1.54  | <b>003.1</b>   |                |   |  |
| 019-3.1.55  | <b>003.1</b>   |                |   |  |
| 019-3.1.56  | <b>003.1</b>   |                |   |  |
| 019-3.1.57  | <b>003.1</b>   |                |   |  |
| <b>WEQ-020 Smart Grid Standards Data Elements Table Business Practice Standards</b>                   |                |                |   |  |
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| 020-1.1   | 003            |                |   |  |
| 020-1.2   | 003            |                |   |  |
| <b>WEQ-021 Measurement and Verification of Energy Efficiency Products Business Practice Standards</b> |                |                |   |  |
| 021-1   | 003            |                |   |  |
| 021-1.1   | 003            |                |   |  |
| 021-2   | 003            |                |   |  |
| 021-2.1.1   | 003            |                |   |  |
| 021-2.1.2   | 003            |                |   |  |
| 021-2.1.3   | 003            |                |   |  |
| 021-3   | 003            |                |   |  |
| 021-3.1.1   | 003            |                |   |  |

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| 021-3.1.2                         | 003            |                |   |  |
| 021-3.1.3                         | 003            |                |   |  |
| 021-3.1.4                         | 003            |                |   |  |
| 021-3.2                           | 003            |                |   |  |
| 021-3.2.1                         | 003            |                |   |  |
| 021-3.2.2                         | 003            |                |   |  |
| 021-3.2.3                         | 003            |                |   |  |
| 021-3.2.4                         | 003            |                |   |  |
| 021-3.2.5                         | 003            |                |   |  |
| 021-3.2.6                         | 003            |                |   |  |
| 021-3.2.7                         | 003            |                |   |  |
| 021-3.2.8                         | 003            |                |   |  |
| 021-3.2.9                         | 003            |                |   |  |
| 021-3.2.10                        | 003            |                |   |  |
| 021-3.2.11                        | 003            |                |   |  |
| 021-3.3                           | 003            |                |   |  |
| 021-3.3.1                         | 003            |                |   |  |
| 021-3.3.2                         | 003            |                |   |  |
| 021-3.4                           | 003            |                |   |  |
| 021-3.4.1                         | 003            |                |   |  |
| 021-3.5                           | 003            |                |   |  |
| 021-3.5.1                         | 003            |                |   |  |
| 021-3.6                           | 003            |                |   |  |
| 021-3.6.1                         | 003            |                |   |  |
| 021-3.6.1.1                       | 003            |                |   |  |
| 021-3.6.1.2                       | 003            |                |   |  |
| 021-3.6.1.3                       | 003            |                |   |  |
| 021-3.6.1.4                       | 003            |                |   |  |

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| 021-3.6.2                         | 003            |                |   |  |
| 021-3.7                           | 003            |                |   |  |
| 021-3.7.1                         | 003            |                |   |  |
| 021-3.7.1.1                       | 003            |                |   |  |
| 021-3.7.1.2                       | 003            |                |   |  |
| 021-3.7.1.3                       | 003            |                |   |  |
| 021-3.7.1.4                       | 003            |                |   |  |
| 021-3.7.2                         | 003            |                |   |  |
| 021-3.7.3                         | 003            |                |   |  |
| 021-3.8                           | 003            |                |   |  |
| 021-3.8.1                         | 003            |                |   |  |
| 021-3.8.2                         | 003            |                |   |  |
| 021-3.8.3                         | 003            |                |   |  |
| 021-3.8.4                         | 003            |                |   |  |
| 021-3.8.5                         | 003            |                |   |  |
| 021-3.8.6                         | 003            |                |   |  |
| 021-3.9                           | 003            |                |   |  |
| 021-3.9.1                         | 003            |                |   |  |
| 021-3.9.2                         | 003            |                |   |  |
| 021-3.10                          | 003            |                |   |  |
| 021-3.10.1                        | 003            |                |   |  |
| 021-3.10.2                        | 003            |                |   |  |
| 021-3.11                          | 003            |                |   |  |
| 021-3.11.1                        | 003            |                |   |  |
| 021-3.11.1.1                      | 003            |                |   |  |
| 021-3.11.1.2                      | 003            |                |   |  |
| 021-3.11.1.3                      | 003            |                |   |  |
| 021-3.11.1.4                      | 003            |                |   |  |

| <b>Business Practice Standard</b>                                     | <b>Adopted</b> | <b>Revised</b> | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|---|----------------|----------------|---|--|
| 021-3.11.1.5  | 003            |                |   |  |
| 021-3.11.1.6  | 003            |                |   |  |
| 021-3.11.1.7  | 003            |                |   |  |
| 021-3.11.1.8  | 003            |                |   |  |
| 021-3.11.1.9  | 003            |                |   |  |
| 021-3.11.1.10   | 003            |                |   |  |
| 021-3.11.1.11   | 003            |                |   |  |
| 021-3.11.1.12   | 003            |                |   |  |
| 021-3.11.1.13   | 003            |                |   |  |
| 021-3.11.1.14   | 003            |                |   |  |
| 021-11.1.15   | 003            |                |   |  |
| 021-3.12  | 003            |                |   |  |
| 021-3.12.1  | 003            |                |   |  |
| 021-3.12.1.1  | 003            |                |   |  |
| 021-3.12.1.2  | 003            |                |   |  |
| 021-3.12.1.3  | 003            |                |   |  |
| 021-3.12.1.4  | 003            |                |   |  |
| 021-3.12.1.5  | 003            |                |   |  |
| 021-3.12.1.6  | 003            |                |   |  |
| <b>WEQ-022 Electric Industry Registry Business Practice Standards</b> |                |                |   |  |
| Introduction  | <b>003.1</b>   |                |   |  |
| Applicability   | <b>003.1</b>   |                |   |  |
| 022-1   | <b>003.1</b>   |                |   |  |
| 022-1.1   | <b>003.1</b>   |                |   |  |
| 022-1.1.1   | <b>003.1</b>   |                |   |  |
| 022-1.1.2   | <b>003.1</b>   |                |   |  |
| 022-1.1.3   | <b>003.1</b>   |                |   |  |
| 022-1.1.4   | <b>003.1</b>   |                |   |  |

| <b>Business Practice Standard</b>                   | <b>Adopted</b> | <b>Revised</b> | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|---|----------------|----------------|---|--|
| 022-1.1.5   | <b>003.1</b>   |                |   |  |
| 022-1.1.6   | <b>003.1</b>   |                |   |  |
| 022-1.1.7   | <b>003.1</b>   |                |   |  |
| 022-1.1.8   | <b>003.1</b>   |                |   |  |
| 022-1.1.9   | <b>003.1</b>   |                |   |  |
| 022-1.2   | <b>003.1</b>   |                |   |  |
| 022-1.3   | <b>003.1</b>   |                |   |  |
| 022-1.4   | <b>003.1</b>   |                |   |  |
| 022-1.5   | <b>003.1</b>   |                |   |  |
| 022-2   | <b>003.1</b>   |                |   |  |
| 022-2.1   | <b>003.1</b>   |                |   |  |
| 022-3   | <b>003.1</b>   |                |   |  |
| 022-3.1   | <b>003.1</b>   |                |   |  |
| 022-3.2   | <b>003.1</b>   |                |   |  |
| 022-4   | <b>003.1</b>   |                |   |  |
| 022-5   | <b>003.1</b>   |                |   |  |
| <b>WEQ-023 Modeling Business Practice Standards</b> |                |                |   |  |
| Introduction  | <b>003.1</b>   |                |   |  |
| Applicability                                       | <b>003.1</b>   |                |   |  |
| 023-1   | <b>003.1</b>   |                |   |  |
| 023-1.1   | <b>003.1</b>   |                |   |  |
| 023-1.2   | <b>003.1</b>   |                |   |  |
| 023-1.3   | <b>003.1</b>   |                |   |  |
| 023-1.4   | <b>003.1</b>   |                |   |  |
| 023-1.4.1   | <b>003.1</b>   |                |   |  |
| 023-1.5   | <b>003.1</b>   |                |   |  |
| 023-2   | <b>003.1</b>   |                |   |  |
| 023-2.1   | <b>003.1</b>   |                |   |  |

| <b>Business Practice Standard</b> | <b>Adopted</b> | <b>Revised</b> | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|-----------------------------------|----------------|----------------|---|--|
| 023-2.1.1                         | <b>003.1</b>   |                |   |  |
| 023-2.1.2                         | <b>003.1</b>   |                |   |  |
| 023-2.1.3                         | <b>003.1</b>   |                |   |  |
| 023-2.1.4                         | <b>003.1</b>   |                |   |  |
| 023-2.1.5                         | <b>003.1</b>   |                |   |  |
| 023-2.1.6                         | <b>003.1</b>   |                |   |  |
| 023-2.1.6.1                       | <b>003.1</b>   |                |   |  |
| 023-2.2                           | <b>003.1</b>   |                |   |  |
| 023-2.2.1                         | <b>003.1</b>   |                |   |  |
| 023-2.2.2                         | <b>003.1</b>   |                |   |  |
| 023-2.2.3                         | <b>003.1</b>   |                |   |  |
| 023-2.2.4                         | <b>003.1</b>   |                |   |  |
| 023-2.2.5                         | <b>003.1</b>   |                |   |  |
| 023-2.2.6                         | <b>003.1</b>   |                |   |  |
| 023-2.2.6.1                       | <b>003.1</b>   |                |   |  |
| 023-2.3                           | <b>003.1</b>   |                |   |  |
| 023-2.3.1                         | <b>003.1</b>   |                |   |  |
| 023-2.3.2                         | <b>003.1</b>   |                |   |  |
| 023-2.3.2.1                       | <b>003.1</b>   |                |   |  |
| 023-2.3.2.1.1                     | <b>003.1</b>   |                |   |  |
| 023-2.3.2.1.2                     | <b>003.1</b>   |                |   |  |
| 023-2.3.2.2                       | <b>003.1</b>   |                |   |  |
| 023-2.3.2.2.1                     | <b>003.1</b>   |                |   |  |
| 023-2.3.2.2.2                     | <b>003.1</b>   |                |   |  |
| 023-2.3.2.3                       | <b>003.1</b>   |                |   |  |
| 023-2.3.2.4                       | <b>003.1</b>   |                |   |  |
| 023-2.3.2.5                       | <b>003.1</b>   |                |   |  |
| 023-2.3.2.6                       | <b>003.1</b>   |                |   |  |

| <b>Business Practice Standard</b> | <b>Adopted</b> | <b>Revised</b> | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|-----------------------------------|----------------|----------------|---|--|
| 023-2.3.2.7                       | 003.1          |                |   |  |
| 023-2.3.3                         | 003.1          |                |   |  |
| 023-2.3.4                         | 003.1          |                |   |  |
| 023-2.3.4.1                       | 003.1          |                |   |  |
| 023-2.3.4.2                       | 003.1          |                |   |  |
| 023-2.3.4.3                       | 003.1          |                |   |  |
| 023-2.3.4.4                       | 003.1          |                |   |  |
| 023-2.3.4.5                       | 003.1          |                |   |  |
| 023-2.3.4.6                       | 003.1          |                |   |  |
| 023-2.3.4.7                       | 003.1          |                |   |  |
| 023-2.3.5                         | 003.1          |                |   |  |
| 023-2.3.6                         | 003.1          |                |   |  |
| 023-3                             | 003.1          |                |   |  |
| 023-3.1                           | 003.1          |                |   |  |
| 023-3.1.1                         | 003.1          |                |   |  |
| 023-3.2                           | 003.1          |                |   |  |
| 023-3.3                           | 003.1          |                |   |  |
| 023-4                             | 003.1          |                |   |  |
| 023-4.1                           | 003.1          |                |   |  |
| 023-5                             | 003.1          |                |   |  |
| 023-5.1                           | 003.1          |                |   |  |
| 023-5.1.1                         | 003.1          |                |   |  |
| 023-5.1.2                         | 003.1          |                |   |  |
| 023-5.1.2.1                       | 003.1          |                |   |  |
| 023-5.1.2.2                       | 003.1          |                |   |  |
| 023-5.1.2.3                       | 003.1          |                |   |  |
| 023-5.1.3                         | 003.1          |                |   |  |
| 023-5.2                           | 003.1          |                |   |  |



| <b>Business Practice Standard</b> | <b>Adopted</b> | <b>Revised</b> | <b>Interpretation Version/Adopted/Revised</b> | <b>Interpretation Number<br/>( ) – indicates reference</b> |
|-----------------------------------|----------------|----------------|---|--|
| 023-6                             | <b>003.1</b>   |                |   |  |
| 023-6.1                           | <b>003.1</b>   |                |   |  |
| 023-6.1.1                         | <b>003.1</b>   |                |   |  |
| 023-6.1.2                         | <b>003.1</b>   |                |   |  |
| 023-A                             | <b>003.1</b>   |                |   |  |

Appendices:

- A. Links to Executive Committee Meeting Minutes, Comments and Voting Records
- B. Links to Ratification Ballots and Results
- C. List of Transcripts
- D. Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards
- E. NAESB Process for Standards Development
- F. Minor Corrections Applied for Versions 003 and 003.1
- G. Requests and Minor Corrections, No Action Needed
- H. Entities with Access to NAESB Standards
- I. 2012 WEQ Annual Plan
- J. 2013 WEQ Annual Plan
- K. 2014 WEQ Annual Plan
- L. 2015 WEQ Annual Plan

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

| Appendix A – Links to Executive Committee Meeting Minutes, Comments and Voting Records |  |  |   |
|--|--|--|---|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records   | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications   | Link to Comments Submitted During Formal Comment Period   |
| 08-21-12   | WEQ EC Meeting, Colorado Springs, CO:<br><a href="https://www.naesb.org/pdf4/weq_ec082112fm.docx">https://www.naesb.org/pdf4/weq_ec082112fm.docx</a> | WEQ 2012 Annual Plan Item 4.c.i-ii / R11014 / R11015 (Part 1) as revised/approved by the WEQ Executive Committee on August 21, 2012 (Redline):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a2.docx">https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a2.docx</a><br>WEQ 2012 Annual Plan Item 4.c.i-ii / R11014 / R11015 (Part 1) as revised/approved by the WEQ Executive Committee on August 21, 2012 (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a3.docx">https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a3.docx</a> | Comments Submitted by the WEQ Standards Review Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_062512_weq_srs.doc">https://www.naesb.org/pdf4/weq_062512_weq_srs.doc</a><br>Comments Submitted by ERCOT and MISO:<br><a href="https://www.naesb.org/pdf4/weq_062512_ercot_miso.docx">https://www.naesb.org/pdf4/weq_062512_ercot_miso.docx</a><br>Comments on Recommendation Submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_062512_southern_recommendation.doc">https://www.naesb.org/pdf4/weq_062512_southern_recommendation.doc</a><br>Comments on Accreditation Requirements Attachment Submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_062512_southern_attachment.docx">https://www.naesb.org/pdf4/weq_062512_southern_attachment.docx</a><br>Comments Submitted by T. Ruser, OATI:<br><a href="https://www.naesb.org/pdf4/weq_062512_oati.pdf">https://www.naesb.org/pdf4/weq_062512_oati.pdf</a><br>Late Comments Submitted by the WEQ PKI Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_062512_weq_pki_late.docx">https://www.naesb.org/pdf4/weq_062512_weq_pki_late.docx</a> |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

| Appendix A – Links to Executive Committee Meeting Minutes, Comments and Voting Records |  |   |  |
|--|--|---|--|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications  | Link to Comments Submitted During Formal Comment Period  |
| 08-21-12   | (continued)  | <p>WEQ 2012 Annual Plan Item 4.c.i-ii / R11014 / R11015 (Part 2) as revised/approved by the WEQ Executive Committee on August 21, 2012 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a4.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a4.doc</a></p> <p>WEQ 2012 Annual Plan Item 4.c.i-ii / R11014 / R11015 (Part 2) as revised/approved by the WEQ Executive Committee on August 21, 2012 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a5.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec082112a5.doc</a></p> <p>Recommendation: Retail 2012 Annual Plan Item 3(b) - Demand Reduction Value and Energy Efficiency Definitions (<i>WEQ Consideration for consistency in definitions to terms that are used both in the Retail and Wholesale Electric Quadrants</i>) as approved by the WEQ EC:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at090412_weq_2012ap4ci-ii_r11014_r11015_rec.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at090412_weq_2012ap4ci-ii_r11014_r11015_rec.doc</a></p> | <p>Comments Submitted by J. Buccigross, Group 8760 LLC:<br/><a href="https://www.naesb.org/pdf4/weq_071012_group8760llc.doc">https://www.naesb.org/pdf4/weq_071012_group8760llc.doc</a></p> <p>Comments Submitted by the WEQ Standards Review Subcommittee:<br/><a href="https://www.naesb.org/pdf4/weq_071012_weq_srs.docx">https://www.naesb.org/pdf4/weq_071012_weq_srs.docx</a></p> <p>Comments Submitted by JT Wood, Southern Company (to redline recommendation):<br/><a href="https://www.naesb.org/pdf4/weq_071012_southern_to_redline.doc">https://www.naesb.org/pdf4/weq_071012_southern_to_redline.doc</a></p> <p>Comments Submitted by JT Wood, Southern Company (to clean recommendation):<br/><a href="https://www.naesb.org/pdf4/weq_071012_southern_to_clean.doc">https://www.naesb.org/pdf4/weq_071012_southern_to_clean.doc</a></p> <p>Comments Submitted by the IRC Standards Review Committee (PJM, NYISO, ISONE, IESO, ERCOT, MISO, SPP):<br/><a href="https://www.naesb.org/pdf4/weq_071012_irc_standards_review_committee.docx">https://www.naesb.org/pdf4/weq_071012_irc_standards_review_committee.docx</a></p> <p>Comments Submitted by T. Ruser, OATI:<br/><a href="https://www.naesb.org/pdf4/weq_071012_oati.pdf">https://www.naesb.org/pdf4/weq_071012_oati.pdf</a></p> <p>Late Comments Submitted by the WEQ Joint Electric Scheduling Subcommittee:<br/><a href="https://www.naesb.org/pdf4/late_weq_071012_weq_jess.doc">https://www.naesb.org/pdf4/late_weq_071012_weq_jess.doc</a></p> <p>Late Comments Submitted by the WEQ PKI Subcommittee:<br/><a href="https://www.naesb.org/pdf4/weq_071012_weq_pki_late.doc">https://www.naesb.org/pdf4/weq_071012_weq_pki_late.doc</a></p> <p>Comments Submitted by the WEQ Standards Review Subcommittee:<br/><a href="https://www.naesb.org/pdf4/weq_062212_weq_srs_retail_3b.doc">https://www.naesb.org/pdf4/weq_062212_weq_srs_retail_3b.doc</a></p> <p>Comments Submitted by ERCOT, IESO, ISO New England, MISO, New York ISO, PJM, and SPP:<br/><a href="https://www.naesb.org/pdf4/weq_062212_iso_rto_retail_3b.docx">https://www.naesb.org/pdf4/weq_062212_iso_rto_retail_3b.docx</a></p> |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

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|--|---|--|--|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records  | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications   | Link to Comments Submitted During Formal Comment Period  |
| 09-18-12   | NAESB Comments on the NERC 2013-2015 Reliability Standards Development Plan:<br><a href="https://www.naesb.org/pdf4/naesb_comments_nerc_2013_2015_reliability_standards_development_plan.docx">https://www.naesb.org/pdf4/naesb_comments_nerc_2013_2015_reliability_standards_development_plan.docx</a> |  |  |
| 10-23-12   | WEQ EC Meeting Richmond, VA:<br><a href="https://www.naesb.org/pdf4/weq_ec102312fm.docx">https://www.naesb.org/pdf4/weq_ec102312fm.docx</a>   | WEQ 2012 Annual Plan Item 4a Recommendation as revised and approved by the WEQ Executive Committee on October 23, 2012 (Redline):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec102312a2.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec102312a2.doc</a><br><br>WEQ 2012 Annual Plan Item 4a Recommendation as revised and approved by the WEQ Executive Committee on October 23, 2012 (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec102312a3.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec102312a3.doc</a> | Comments Submitted by the WEQ Standards Review Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_090712_weq_srs.doc">https://www.naesb.org/pdf4/weq_090712_weq_srs.doc</a><br><br>Comments Submitted by Bonneville Power Administration:<br><a href="https://www.naesb.org/pdf4/weq_090712_bpa.doc">https://www.naesb.org/pdf4/weq_090712_bpa.doc</a><br><br>Comments Submitted by E. Cardone, NYISO:<br><a href="https://www.naesb.org/pdf4/weq_090712_nyiso.docx">https://www.naesb.org/pdf4/weq_090712_nyiso.docx</a><br><br>Comments Submitted by M. Colby, PJM:<br><a href="https://www.naesb.org/pdf4/weq_090712_pjm.doc">https://www.naesb.org/pdf4/weq_090712_pjm.doc</a><br><br>Comments Submitted by P. Sorenson, OATI:<br><a href="https://www.naesb.org/pdf4/weq_090712_oati.doc">https://www.naesb.org/pdf4/weq_090712_oati.doc</a><br><br>Late Comments Submitted by the WEQ OASIS Subcommittee on the Recommendation:<br><a href="https://www.naesb.org/pdf4/weq_090712_oasis_late.doc">https://www.naesb.org/pdf4/weq_090712_oasis_late.doc</a><br><br>Late Comments Submitted by the WEQ OASIS Subcommittee on the NYISO Comments:<br><a href="https://www.naesb.org/pdf4/weq_090712_oasis_on_nyiso_late.docx">https://www.naesb.org/pdf4/weq_090712_oasis_on_nyiso_late.docx</a><br><br>Late Comments Submitted by the WEQ OASIS Subcommittee on the OATI Comments:<br><a href="https://www.naesb.org/pdf4/weq_090712_oasis_on_oati_late.doc">https://www.naesb.org/pdf4/weq_090712_oasis_on_oati_late.doc</a><br><br>Late Comments Submitted by the WEQ OASIS Subcommittee on the PJM Comments:<br><a href="https://www.naesb.org/pdf4/weq_090712_oasis_on_pjm_late.doc">https://www.naesb.org/pdf4/weq_090712_oasis_on_pjm_late.doc</a> |

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|--|--|--|---|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records   | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications   | Link to Comments Submitted During Formal Comment Period   |
| 10-23-12   | <i>(continued)</i>   |  | Late Comments Submitted by the WEQ OASIS Subcommittee on the SRS Comments:<br><a href="https://www.naesb.org/pdf4/weq_090712_oasis_on_srs_late.doc">https://www.naesb.org/pdf4/weq_090712_oasis_on_srs_late.doc</a><br>Late Comments Submitted by the WEQ OASIS Subcommittee on the BPA Comments:<br><a href="https://www.naesb.org/pdf4/weq_090712_oasis_on_bpa_late.doc">https://www.naesb.org/pdf4/weq_090712_oasis_on_bpa_late.doc</a>  |
| 11-14-12   | WEQ EC Notational Ballot:<br><a href="https://www.naesb.org/pdf4/weq_ec111412ballot.docx">https://www.naesb.org/pdf4/weq_ec111412ballot.docx</a><br>Notational Ballot Results, November 27, 2012:<br><a href="https://www.naesb.org/pdf4/weq_ec111412results.docx">https://www.naesb.org/pdf4/weq_ec111412results.docx</a> | Recommendation WEQ 2012 Annual Plan Item 4.b (Part 1) PKI Standard Requirements for e-Tagging as revised by the JESS – WEQ-004 Coordinate Interchange Business Practice Standards approved by the WEQ Executive Committee via notational ballot on November 14, 2012.<br>WEQ 2012 Annual Plan Item 4.b (Part 1) as revised by the JESS:<br><a href="http://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part1_late.doc">http://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part1_late.doc</a><br>Recommendation WEQ 2012 Annual Plan Item 4.b (Part 2) PKI Standard Requirements for e-Tagging as revised by the JESS - e-Tag Specification Version 1.8.1 approved by the WEQ Executive Committee via notational ballot on November 14, 2012.:<br><a href="http://www.naesb.org/member_login_check.asp?doc=weq_jess_part2_late_rec_111312.doc">http://www.naesb.org/member_login_check.asp?doc=weq_jess_part2_late_rec_111312.doc</a><br>Attachment:<br><a href="http://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part2_late.doc">http://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part2_late.doc</a> | Part 1 and Part 2 Comments Submitted by the WEQ Standards Review Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_100512_weq_srs.doc">https://www.naesb.org/pdf4/weq_100512_weq_srs.doc</a><br>Late Part 1 Comments Submitted by the NAESB WEQ Joint Electric Scheduling Subcommittee:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part1_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part1_late.doc</a><br>Part 1 and Part 2 Comments Submitted by the WEQ Standards Review Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_100512_weq_srs.doc">https://www.naesb.org/pdf4/weq_100512_weq_srs.doc</a><br>Late Part 2 Recommendation from WEQ JESS - November 13, 2012:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_jess_part2_late_rec_111312.doc">https://www.naesb.org/member_login_check.asp?doc=weq_jess_part2_late_rec_111312.doc</a><br>Late Part 2 Attachment Comments Submitted by the NAESB WEQ Joint Electric Scheduling Subcommittee:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part2_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_100512_weq_jess_part2_late.doc</a> |
| 02-19-13   | WEQ EC Meeting, Phoenix, AZ:<br><a href="https://www.naesb.org/pdf4/weq_ec021913fm.docx">https://www.naesb.org/pdf4/weq_ec021913fm.docx</a>  | Recommendation 2012 WEQ Annual Plan Item 6.a as revised and approved by the WEQ Executive Committee on February 19, 2013:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec021913a1.docx">https://www.naesb.org/member_login_check.asp?doc=weq_ec021913a1.docx</a>   | Comments Submitted by the WEQ Standards Review Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_120312_weq_srs.doc">https://www.naesb.org/pdf4/weq_120312_weq_srs.doc</a>   |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

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| Date of Meeting  | Link to Minutes and Executive Committee Voting Records   | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications   | Link to Comments Submitted During Formal Comment Period   |
| 04-30-13   | WEQ EC Meeting, Carmel, IN:<br><a href="https://www.naesb.org/pdf4/weq_ec043013fm.doc">https://www.naesb.org/pdf4/weq_ec043013fm.doc</a><br><a href="#">x</a>  | Recommendation to support Request R12010 – Requirements for scheduling interchange in 15 minute intervals as approved by the WEQ Executive Committee on April 30, 2013:<br><a href="https://www.naesb.org/pdf4/r12010_rec.doc">https://www.naesb.org/pdf4/r12010_rec.doc</a>   | Comments Submitted by ERCOT, IESO, ISO New England, MISO, New York ISO, and SPP:<br><a href="https://www.naesb.org/pdf4/weq_030713_iso_rto_r12010.doc">https://www.naesb.org/pdf4/weq_030713_iso_rto_r12010.doc</a><br>Comments Submitted by J. Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_030713_southernco_r12010.doc">https://www.naesb.org/pdf4/weq_030713_southernco_r12010.doc</a><br>Comments Submitted by the WEQ Standards Review Subcommittee:<br><a href="https://www.naesb.org/pdf4/weq_030713_weq_srs_r12010.doc">https://www.naesb.org/pdf4/weq_030713_weq_srs_r12010.doc</a><br>Late Comments Submitted by the WEQ JESS - Cover Letter:<br><a href="https://www.naesb.org/pdf4/weq_030713_weq_jess_r12010_late_coverletter.doc">https://www.naesb.org/pdf4/weq_030713_weq_jess_r12010_late_coverletter.doc</a><br>Late Comments Submitted by the WEQ JESS:<br><a href="https://www.naesb.org/pdf4/weq_030713_weq_jess_r12010_late.doc">https://www.naesb.org/pdf4/weq_030713_weq_jess_r12010_late.doc</a>  |
| 08-20-13   | WEQ EC Meeting, Houston, TX:<br><a href="https://www.naesb.org/pdf4/weq_ec082013fm.doc">https://www.naesb.org/pdf4/weq_ec082013fm.doc</a><br><a href="#">x</a> | Recommendation WEQ 2013 Annual Plan Item 3.d as revised and approved by the WEQ Executive Committee on August 20, 2013 (Redline):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec082013a1.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec082013a1.doc</a><br>Recommendation WEQ 2013 Annual Plan Item 3.d as revised and approved by the WEQ Executive Committee on August 20, 2013 (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec082013a2.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec082013a2.doc</a> | Comments Submitted by B. Kedrowski, We Energies:<br><a href="https://www.naesb.org/pdf4/weq_071213_we_energies.docx">https://www.naesb.org/pdf4/weq_071213_we_energies.docx</a><br>Comments Submitted by A. Pradhan, OATI:<br><a href="https://www.naesb.org/pdf4/weq_071213_oati.doc">https://www.naesb.org/pdf4/weq_071213_oati.doc</a><br>Comments Submitted by E. Skiba on behalf of IESO, ISO New England, MISO, NY ISO, PJM, and SPP:<br><a href="https://www.naesb.org/pdf4/weq_071213_iso_rto.docx">https://www.naesb.org/pdf4/weq_071213_iso_rto.docx</a><br>Comments Submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_071213_southern.doc">https://www.naesb.org/pdf4/weq_071213_southern.doc</a><br>Redline Comments Submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_071213_southern_redline.doc">https://www.naesb.org/pdf4/weq_071213_southern_redline.doc</a><br>Comments Submitted by R. Kelley, Bonneville Power Administration:<br><a href="https://www.naesb.org/pdf4/weq_071213_bpa.doc">https://www.naesb.org/pdf4/weq_071213_bpa.doc</a><br>Late Comments Submitted by the WEQ JESS:<br><a href="https://www.naesb.org/pdf4/weq_071213_weq_jess_late.doc">https://www.naesb.org/pdf4/weq_071213_weq_jess_late.doc</a> |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

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| Date of Meeting  | Link to Minutes and Executive Committee Voting Records   | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications  | Link to Comments Submitted During Formal Comment Period  |
| 10-15-13   | WEQ/WGQ GEH EC Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/ec_geh101513notes.doc">https://www.naesb.org/pdf4/ec_geh101513notes.doc</a>                    |   |  |
| 10-22-13   | WEQ EC Meeting, Richmond, VA:<br><a href="https://www.naesb.org/pdf4/weq_ec102213fm.doc">https://www.naesb.org/pdf4/weq_ec102213fm.doc</a>   | Recommendation WEQ 2013 Annual Plan Item 3.a.iii.1-2 – Develop standards to support interconnection scheduling in 15 minute intervals per FERC Order No. 764 as revised and approved by the WEQ Executive Committee on October 22, 2013:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_2013_api_3aiii_1-2_rec_102213.doc">https://www.naesb.org/member_login_check.asp?doc=weq_2013_api_3aiii_1-2_rec_102213.doc</a> | Comments Submitted by K. Anderson, Idaho Power Company:<br><a href="https://www.naesb.org/pdf4/weq_080913_idaho_power_co.doc">https://www.naesb.org/pdf4/weq_080913_idaho_power_co.doc</a><br>Comments Submitted by R. Vojdani, Western Area Power Administration:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_080913_wapa.doc">https://www.naesb.org/member_login_check.asp?doc=weq_080913_wapa.doc</a><br>Comments Submitted by R. Kelley, Bonneville Power Administration:<br><a href="https://www.naesb.org/pdf4/weq_080913_bpa.docx">https://www.naesb.org/pdf4/weq_080913_bpa.docx</a><br>Comments Submitted by E. Skiba, MISO:<br><a href="https://www.naesb.org/pdf4/weq_080913_miso.docx">https://www.naesb.org/pdf4/weq_080913_miso.docx</a><br>Late Comments Submitted by the WEQ JESS:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_080913_weq_jess_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_080913_weq_jess_late.doc</a> |
| 01-22-14   | WEQ/WGQ GEH EC Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/ec_geh012214notes.doc">https://www.naesb.org/pdf4/ec_geh012214notes.doc</a>                    |   |  |
| 02-18-14   | WEQ EC Meeting, Phoenix, AZ:<br><a href="https://www.naesb.org/pdf4/weq_ec021814fm.doc">https://www.naesb.org/pdf4/weq_ec021814fm.doc</a>  |   |  |
| 04-10-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="http://www.naesb.org/pdf4/weq_ec_mod041014notes.doc">http://www.naesb.org/pdf4/weq_ec_mod041014notes.doc</a> |   |  |



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| Date of Meeting  | Link to Minutes and Executive Committee Voting Records  | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications | Link to Comments Submitted During Formal Comment Period   |
| 04-24-14   | WEQ EC MOD Standard Scoping Task Force Work Paper and Comment Solicitation – Due May 22, 2014:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414reqcom.docx">https://www.naesb.org/pdf4/weq_ec_mod042414reqcom.docx</a> |  | WEQ EC MOD A Task Force Spreadsheet Work Paper:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414w3.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414w3.xlsx</a><br>Comments Submitted by K. York, TVA:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_tva.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_tva.xlsx</a><br>Comments Submitted by E. Skiba, MISO - response to the requirements in the MOD A Spreadsheet:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_miso.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_miso.xlsx</a><br>Comments Submitted by E. Skiba, MISO - comments related to the outstanding directives NERC was to address under FERC Order 729:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_miso.doc">https://www.naesb.org/pdf4/weq_ec_mod042414_miso.doc</a><br>Comments Submitted by J. Manning, NCEMC:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_ncemc.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_ncemc.xlsx</a><br>Comments Submitted by C. Wesley, PJM:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_pjm.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_pjm.xlsx</a><br>Comments Submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_southern.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_southern.xlsx</a><br>Comments Submitted by J. Phillips, SPP:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_spp.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_spp.xlsx</a><br>Late Comments Submitted by R. Berdahl, BPA:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_bpa_late.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_bpa_late.xlsx</a><br>Late Comments Submitted by R. Berdahl, BPA - Evaluation of FERC ATC Directives:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_bpa_late.docx">https://www.naesb.org/pdf4/weq_ec_mod042414_bpa_late.docx</a><br>Late Comments Submitted by B. Harshbarger, Puget Sound Energy - on the consideration of MOD-028, MOD-029, and MOD-030 requirements in NAESB standards:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod042414_puget_late.xlsx">https://www.naesb.org/pdf4/weq_ec_mod042414_puget_late.xlsx</a> |

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| 04-29-14   | WEQ EC Meeting, Carmel, IN:<br><a href="https://www.naesb.org/pdf4/weq_ec042914fm.docx">https://www.naesb.org/pdf4/weq_ec042914fm.docx</a>   | Recommendation to support Request R14001 -as revised and approved by the WEQ Executive Committee on April 29, 2014 (Redline):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at050614_r14001_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r at050614_r14001_rec_redline.docx</a><br>Recommendation to support Request R14001 -as revised and approved by the WEQ Executive Committee on April 29, 2014 (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at050614_r14001_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r at050614_r14001_rec_clean.docx</a> | Comments submitted by ERCOT, IESO, ISO-NE, MISO, NYISO, PJM and SPP:<br><a href="https://www.naesb.org/pdf4/weq_030714_ercot_ieso_isonemiso_nyiso_pjm_spp.docx">https://www.naesb.org/pdf4/weq_030714_ercot_ieso_isonemiso_nyiso_pjm_spp.docx</a><br>Comments submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/pdf4/weq_030714_southern.docx">https://www.naesb.org/pdf4/weq_030714_southern.docx</a><br>Redline Comments Submitted by JT Wood, Southern Company:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_030714_southern_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_030714_southern_redline.docx</a><br>Late Comments Submitted by the WEQ Standards Review Subcommittee in Response to Southern Company Comments:<br><a href="https://www.naesb.org/pdf4/weq_030714_weq_srs_response_southern_late.docx">https://www.naesb.org/pdf4/weq_030714_weq_srs_response_southern_late.docx</a><br>Late Comments Submitted by the WEQ Standards Review Subcommittee - Proposed Glossary Changes to Accommodate Southern and ISO/RTO Comments:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_030714_weq_srs_proposed_glossary_changes_southern_isor_tocomments_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_030714_weq_srs_proposed_glossary_changes_southern_isor_tocomments_late.docx</a> |
| 06-05-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod060514notes.doc">https://www.naesb.org/pdf4/weq_ec_mod060514notes.doc</a> |  |   |
| 06-10-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod061014notes.doc">https://www.naesb.org/pdf4/weq_ec_mod061014notes.doc</a> |  |   |
| 07-02-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod070214notes.doc">https://www.naesb.org/pdf4/weq_ec_mod070214notes.doc</a> |  |   |

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| 07-11-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod071114notes.doc">https://www.naesb.org/pdf4/weq_ec_mod071114notes.doc</a> |   |  |
| 07-25-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod072514notes.doc">https://www.naesb.org/pdf4/weq_ec_mod072514notes.doc</a> |   |  |
| 08-01-14   | WEQ EC MOD Standard Scoping Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_mod080114notes.doc">https://www.naesb.org/pdf4/weq_ec_mod080114notes.doc</a> |   |  |
| 8-19-14  | WEQ EC Meeting, Dallas, TX:<br><a href="https://www.naesb.org/pdf4/weq_ec081914fm.doc">https://www.naesb.org/pdf4/weq_ec081914fm.doc</a><br><a href="#">x</a>  | <p>2014 WEQ Annual Plan Item 3.a.ii Recommendation as revised and approved by the WEQ Executive Committee on August 19, 2014:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec081914a3.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec081914a3.doc</a></p> <p>2014 WEQ Annual Plan Item 3.a.ii Recommendation Attachment as revised and approved by the WEQ Executive Committee on August 19, 2014 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec081914a1.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec081914a1.doc</a></p> <p>2014 WEQ Annual Plan Item 3.a.ii Recommendation Attachment as revised and approved by the WEQ Executive Committee on August 19, 2014 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_ec081914a2.doc">https://www.naesb.org/member_login_check.asp?doc=weq_ec081914a2.doc</a></p> | <p>Comments Submitted by the ISO/RTO Standards Review Committee:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_071714_src.doc">https://www.naesb.org/member_login_check.asp?doc=weq_071714_src.doc</a></p> <p>Comments Submitted by JT Wood, Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_071714_soco.docx">https://www.naesb.org/member_login_check.asp?doc=weq_071714_soco.docx</a></p> |
| 10-21-14   | WEQ EC Meeting, Richmond, VA:<br><a href="https://www.naesb.org/pdf4/weq_ec102114fm.doc">https://www.naesb.org/pdf4/weq_ec102114fm.doc</a><br><a href="#">x</a>  |   |  |

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| Date of Meeting  | Link to Minutes and Executive Committee Voting Records  | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications | Link to Comments Submitted During Formal Comment Period |
| 11-03-14   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_110314notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_110314notes.doc</a> |  |   |
| 11-10-14   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_111014notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_111014notes.doc</a> |  |   |
| 12-01-14   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_120114notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_120114notes.doc</a> |  |   |
| 12-05-14   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_120514notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_120514notes.doc</a> |  |   |
| 12-16-14   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_121614notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_121614notes.doc</a> |  |   |
| 01-09-15   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_010915notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_010915notes.doc</a> |  |   |
| 01-12-15   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_011215notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_011215notes.doc</a> |  |   |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

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| 02-12-15   | WEQ EC Parallel Flow Visualization Task Force Conference Call with Web Conferencing:<br><a href="https://www.naesb.org/pdf4/weq_ec_pfv_021215notes.doc">https://www.naesb.org/pdf4/weq_ec_pfv_021215notes.doc</a> |  |  |
| 02-24-15   | WEQ EC Meeting Phoenix, AZ:<br><a href="https://www.naesb.org/pdf4/weq_ec022415fm.doc">https://www.naesb.org/pdf4/weq_ec022415fm.doc</a>  |  |  |
| 04-28-15   | WEQ EC Meeting Carmel, IN:<br><a href="https://www.naesb.org/pdf4/weq_ec042815fm.doc">https://www.naesb.org/pdf4/weq_ec042815fm.doc</a>   | <p>Recommendation WEQ 2015 Annual Plan Items 7.a: Consistent with FERC Order Nos. 890 and 676-H, modify 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 narratives approved by the WEQ Executive Committee on April 28, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at050115_weq_2015_api_7a_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at050115_weq_2015_api_7a_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Items 7.a approved by the WEQ Executive Committee on April 28, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at050115_weq_2015_api_7a_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at050115_weq_2015_api_7a_rec_clean.doc</a></p> | <p>Comments Submitted by C. Wesley, PJM Interconnection:<br/><a href="https://www.naesb.org/pdf4/weq_031715_pjm_7a.docx">https://www.naesb.org/pdf4/weq_031715_pjm_7a.docx</a></p> <p>Comments Submitted by J. Lemire, NCEMC:<br/><a href="https://www.naesb.org/pdf4/weq_031715_ncemc_7a_7b_7d.doc">https://www.naesb.org/pdf4/weq_031715_ncemc_7a_7b_7d.doc</a></p> <p>Comments Submitted by JT Wood, Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_soco_7a.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_soco_7a.doc</a></p> <p>Comments Submitted by R. Kelley, Bonneville Power Administration:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_bpa_7a_7b_7d.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_bpa_7a_7b_7d.docx</a></p> <p>Comments Submitted by N. Saini, Entergy:<br/><a href="https://www.naesb.org/pdf4/weq_031715_entergy_7a.docx">https://www.naesb.org/pdf4/weq_031715_entergy_7a.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7a_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7a_late.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to PJM Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7a_response_pjm_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7a_response_pjm_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to NCEMC Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7a_response_ncemc_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7a_response_ncemc_late.docx</a></p> |

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| 04-28-15   | <i>(continued)</i>                                     | <p>Recommendation WEQ 2015 Annual Plan Item 7.b: Modify NAESB standards WEQ-001-9.5, WEQ-001-10.5, and related standards to be consistent with the Commission’s policy in Dynegy Power Marketing, Inc. and Entergy Services, Inc approved by the WEQ Executive Committee on April 28, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7b_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7b_rec_redline.docx</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 7.b approved by the WEQ Executive Committee on April 28, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7b_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7b_rec_clean.docx</a></p> | <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Southern Company Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7a_response_soco_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7a_response_soco_late.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Bonneville Power Administration Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7a_response_bpa_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7a_response_bpa_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Entergy Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7a_response_entergy_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7a_response_entergy_late.docx</a></p> <p>Comments Submitted by J. Lemire, NCEMC:<br/><a href="https://www.naesb.org/pdf4/weq_031715_ncemc_7a_7b_7d.docx">https://www.naesb.org/pdf4/weq_031715_ncemc_7a_7b_7d.docx</a></p> <p>Comments Submitted by JT Wood, Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_soco_7b.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_soco_7b.doc</a></p> <p>Comments Submitted by P. Sorenson, OATI:<br/><a href="https://www.naesb.org/pdf4/weq_031715_oati_7b.pdf">https://www.naesb.org/pdf4/weq_031715_oati_7b.pdf</a></p> <p>Comments Submitted by R. Applegate, Tacoma Power:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_tacomapower_7b.pdf">https://www.naesb.org/member_login_check.asp?doc=weq_031715_tacomapower_7b.pdf</a></p> <p>Comments Submitted by A. Pritchard, Duke Energy:<br/><a href="https://www.naesb.org/pdf4/weq_031715_duke_7b.docx">https://www.naesb.org/pdf4/weq_031715_duke_7b.docx</a></p> <p>Comments Submitted by R. Kelley, Bonneville Power Administration:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_bpa_7a_7b_7d.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_bpa_7a_7b_7d.docx</a></p> |

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| 04-28-15   | <i>(continued)</i>                                     |  | <p>Comments Submitted by J. Phillips on behalf of the ISO/RTO Council with support from PJM, MISO, SPP, IESO and ERCOT:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_iso_rto_council_7b.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_iso_rto_council_7b.docx</a></p> <p>Comments Submitted by N. Saini, Entergy:<br/> <a href="https://www.naesb.org/pdf4/weq_031715_entergy_7b.docx">https://www.naesb.org/pdf4/weq_031715_entergy_7b.docx</a></p> <p>Redline Comments Submitted by N. Saini, Entergy:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_entergy_7b_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_entergy_7b_redline.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to NCEMC Comments:<br/> <a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_ncemc_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_ncemc_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Southern Company Comments:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_soco_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_soco_late.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to OATI Comments:<br/> <a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_oati_late.pdf">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_oati_late.pdf</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Tacoma Power Comments:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_tacomapower_late.pdf">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_tacomapower_late.pdf</a></p> |

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| 04-28-15   | <i>(continued)</i>                                     | <p>Recommendation WEQ 2015 Annual Plan Item 7.c: Revise 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 approved by the WEQ Executive Committee on April 28, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7c_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7c_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 7.c approved by the WEQ Executive Committee on April 28, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7c_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7c_rec_clean.doc</a></p> | <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Duke Energy Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_duke_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_duke_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Bonneville Power Administration Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_bpa_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_bpa_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to the ISO/RTO Council Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_iso_rto_council_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_response_iso_rto_council_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Entergy Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_entergy_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7b_response_entergy_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Entergy Redline Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_redline_response_entergy_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7b_redline_response_entergy_late.doc</a></p> <p>Comments Submitted by P. Sorenson, OATI:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_032715_oati_7c.pdf">https://www.naesb.org/member_login_check.asp?doc=weq_032715_oati_7c.pdf</a></p> <p>Comments Submitted by the WEQ OASIS Subcommittee:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_032715_weq_oasis_7c.doc">https://www.naesb.org/member_login_check.asp?doc=weq_032715_weq_oasis_7c.doc</a></p> <p>Comments Submitted by the WEQ OASIS Subcommittee in Response to OATI Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_032715_weq_oasis_7c_response_oati.pdf">https://www.naesb.org/member_login_check.asp?doc=weq_032715_weq_oasis_7c_response_oati.pdf</a></p> <p>Comments Submitted by R. Kelley, Bonneville Power Administration:<br/><a href="https://www.naesb.org/pdf4/weq_032715_bpa_7c.docx">https://www.naesb.org/pdf4/weq_032715_bpa_7c.docx</a></p> |



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| 04-28-15   | <i>(continued)</i>                                     | <p>Recommendation WEQ 2015 Annual Plan Item 7d: Consider Bonneville Power Administration comment concerning the treatment of a conditional point-to-point reservation included in a coordinated group when displaced through preemption approved by the WEQ Executive Committee on April 28, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7d_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7d_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 7.d approved by the WEQ Executive Committee on April 28, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7d_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at050115_weq_2015_api_7d_rec_clean.doc</a></p> | <p>Comments Submitted by E. Skiba, MISO:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_032715_miso_7c.docx">https://www.naesb.org/member_login_check.asp?doc=weq_032715_miso_7c.docx</a></p> <p>Comments Submitted by J. Lemire, NCEMC:<br/><a href="https://www.naesb.org/pdf4/weq_031715_ncemc_7a_7b_7d.docx">https://www.naesb.org/pdf4/weq_031715_ncemc_7a_7b_7d.docx</a></p> <p>Comments Submitted by JT Wood, Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_soco_7d.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_soco_7d.doc</a></p> <p>Comments Submitted by R. Kelley, Bonneville Power Administration:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_bpa_7a_7b_7d.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_bpa_7a_7b_7d.docx</a></p> <p>Comments Submitted by N. Saini, Entergy:<br/><a href="https://www.naesb.org/pdf4/weq_031715_entergy_7d.docx">https://www.naesb.org/pdf4/weq_031715_entergy_7d.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7d_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7d_late.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to NCEMC Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7d_response_ncemc_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7d_response_ncemc_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Southern Company Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7d_response_soco_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7d_response_soco_late.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Bonneville Power Administration Comments:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7d_response_bpa_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_031715_weq_oasis_7d_response_bpa_late.docx</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Entergy Comments:<br/><a href="https://www.naesb.org/pdf4/weq_031715_weq_oasis_7d_response_entergy_late.docx">https://www.naesb.org/pdf4/weq_031715_weq_oasis_7d_response_entergy_late.docx</a></p> |

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| 06-15-15   | WEQ EC Conditional Parent Firm Redirects Task Force Kick-off Conference Call with Web Conferencing (Agenda):<br><a href="https://www.naesb.org/pdf4/weq_ec_cpfr_061515a.docx">https://www.naesb.org/pdf4/weq_ec_cpfr_061515a.docx</a> |   |   |
| 08-18-15   | WEQ EC Meeting Dallas, TX:<br><a href="https://www.naesb.org/pdf4/weq_ec081815fm.docx">https://www.naesb.org/pdf4/weq_ec081815fm.docx</a>   | <p>Recommendation WEQ 2015 Annual Plan Item 1.e / R14002 - Develop, modify, or delete business practice standards to support request R14002 (NERC Project 2012-05 ATC Revisions (MOD A)) approved by the WEQ Executive Committee on August 18, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at082015_weq_2015_api1e_r14002_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at082015_weq_2015_api1e_r14002_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 1.e / R14002 approved by the WEQ Executive Committee on August 18, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at082015_weq_2015_api1e_r14002_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r_at082015_weq_2015_api1e_r14002_rec_clean.doc</a></p> | <p>Comments Submitted by K. Anderson, Idaho Power:<br/><a href="https://www.naesb.org/pdf4/weq_062915_idaho_power_1e_r14002.docx">https://www.naesb.org/pdf4/weq_062915_idaho_power_1e_r14002.docx</a></p> <p>Comments Submitted by R. Kelley, Bonneville Power Administration:<br/><a href="https://www.naesb.org/pdf4/weq_062915_bpa_1e_r14002.docx">https://www.naesb.org/pdf4/weq_062915_bpa_1e_r14002.docx</a></p> <p>Comments Submitted by JT Wood, Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_062915_soco_1e_r14002.doc">https://www.naesb.org/member_login_check.asp?doc=weq_062915_soco_1e_r14002.doc</a></p> <p>Comments Submitted by R. Brown, PJM:<br/><a href="https://www.naesb.org/pdf4/weq_062915_pjm_1e_r14002.docx">https://www.naesb.org/pdf4/weq_062915_pjm_1e_r14002.docx</a></p> <p>Comments Submitted by J. Manning, NCEMC:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_062915_ncemc_1e_r14002.docx">https://www.naesb.org/member_login_check.asp?doc=weq_062915_ncemc_1e_r14002.docx</a></p> <p>Comments Submitted by E. Skiba on behalf of ERCOT, IESO, MISO and PJM:<br/><a href="https://www.naesb.org/pdf4/weq_062915_ercot_ieso_miso_pjm_1e_r14002.docx">https://www.naesb.org/pdf4/weq_062915_ercot_ieso_miso_pjm_1e_r14002.docx</a></p> <p>Comments Submitted by J. Phillips, SPP:<br/><a href="https://www.naesb.org/pdf4/weq_062915_spp_1e_r14002.docx">https://www.naesb.org/pdf4/weq_062915_spp_1e_r14002.docx</a></p> <p>Late Comments Submitted by the WEQ BPS:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_062915_weq_bps_1e_r14002_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_062915_weq_bps_1e_r14002_late.doc</a></p> |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

| Appendix A – Links to Executive Committee Meeting Minutes, Comments and Voting Records |  |   |   |
|--|--|---|---|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications  | Link to Comments Submitted During Formal Comment Period   |
| 08-18-15   | <i>(continued)</i>                                     | <p>Recommendation WEQ 2015 Annual Plan Item 3.a.i.1 - Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted approved by the WEQ Executive Committee on August 18, 2015 (Redline):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api3ai1_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api3ai1_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 3.a.i.1 approved by the WEQ Executive Committee on August 18, 2015 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api3ai1_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api3ai1_rec_clean.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 5.a / R08011 - Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&amp;CP Data Dictionaries approved by the WEQ Executive Committee on August 18, 2015 (Redline):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5a_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5a_rec_redline.docx</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 5.a / R08011 approved by the WEQ Executive Committee on August 18, 2015 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5a_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5a_rec_clean.docx</a></p> | <p>Late Comments Submitted by E. Skiba, MISO:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_041415_miso_3ai1_late.docx">https://www.naesb.org/member_login_check.asp?doc=weq_041415_miso_3ai1_late.docx</a></p> <p>No comments</p> |

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| Appendix A – Links to Executive Committee Meeting Minutes, Comments and Voting Records |  |  |   |
|--|--|--|---|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications   | Link to Comments Submitted During Formal Comment Period   |
| 08-18-15   | <i>(continued)</i>                                     | <p>Recommendation WEQ 2015 Annual Plan Item 5.b / R08027 - Correct WEQ 013-2.6.7.2. – Resale off OASIS approved by the WEQ Executive Committee on August 18, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5b_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5b_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 5.b / R08027 - Correct WEQ 013-2.6.7.2 approved by the WEQ Executive Committee on August 18, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5b_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api5b_rec_clean.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 6.a - Develop standards to support the Transmission Provider right to reassess the availability of conditional firm approved by the WEQ Executive Committee on August 18, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api6a_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api6a_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 6.a approved by the WEQ Executive Committee on August 18, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api6a_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_weq_2015_api6a_rec_clean.doc</a></p> <p>Recommendation Request R15004 - Modifications to WEQ-004 Coordinate Interchange Business Practice Standards approved by the WEQ Executive Committee on August 18, 2015 (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_r15004_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_r15004_rec_redline.docx</a></p> <p>Recommendation to support Request R15004 approved by the WEQ Executive Committee on August 18, 2015 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_r15004_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r at082015_r15004_rec_clean.docx</a></p> | <p>No comments</p> <p>Comments Submitted by JT Wood, Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_0414_15_soco_6a.doc">https://www.naesb.org/member_login_check.asp?doc=weq_0414_15_soco_6a.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_0414_15_weq_oasis_6a_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_0414_15_weq_oasis_6a_late.doc</a></p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in Response to Southern Company:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_0414_15_weq_oasis_6a_response_soco_late.doc">https://www.naesb.org/member_login_check.asp?doc=weq_0414_15_weq_oasis_6a_response_soco_late.doc</a></p> <p>Comments Submitted by R. Kelley, BPA:<br/><a href="https://www.naesb.org/pdf4/weq_071015_bpa_r15004.docx">https://www.naesb.org/pdf4/weq_071015_bpa_r15004.docx</a></p> <p>Comments Submitted by E. Skiba, on behalf of IESO, MISO, NYISO, PJM and SPP:<br/><a href="https://www.naesb.org/pdf4/weq_071015_ieso_miso_nyiso_pjm_spp_r15004.docx">https://www.naesb.org/pdf4/weq_071015_ieso_miso_nyiso_pjm_spp_r15004.docx</a></p> |

Appendix A: Links to Executive Committee Meeting Minutes, Comments and Voting Records

| Appendix A – Links to Executive Committee Meeting Minutes, Comments and Voting Records |   |   |   |
|--|---|---|---|
| Date of Meeting  | Link to Minutes and Executive Committee Voting Records  | Recommendations that Resulted in Version 003.1 Business Practice Standards or Standard modifications  | Link to Comments Submitted During Formal Comment Period   |
| 08-20-15   | <p>WEQ EC Notational Ballot:<br/> <a href="https://www.naesb.org/pdf4/weq_ec082015ballot.docx">https://www.naesb.org/pdf4/weq_ec082015ballot.docx</a></p> <p>Notational Ballot Results, August 26, 2015:<br/> <a href="https://www.naesb.org/pdf4/weq_ec082015results.docx">https://www.naesb.org/pdf4/weq_ec082015results.docx</a></p> | <p>Recommendation to support Request R15005: Modification of DUNS number treatment in OASIS Recommendation as approved by the WEQ Executive Committee on August 26, 2015 (Redline):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at082715_weq_r15005_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r_at082715_weq_r15005_rec_redline.docx</a></p> <p>Recommendation to support Request R15005 approved by the WEQ Executive Committee on August 26, 2015 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_r_at082715_weq_r15005_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_r_at082715_weq_r15005_rec_clean.docx</a></p> | <p>Comments Submitted by R. Kelley, Bonneville Power Administration:<br/> <a href="https://www.naesb.org/pdf4/weq_072115_bpa_r15005.docx">https://www.naesb.org/pdf4/weq_072115_bpa_r15005.docx</a></p> <p>Late Comments Submitted by R. Brown, PJM:<br/> <a href="https://www.naesb.org/pdf4/weq_071015_ieso_miso_nyiso_pjm_spp_r15004.docx">https://www.naesb.org/pdf4/weq_071015_ieso_miso_nyiso_pjm_spp_r15004.docx</a></p> |

Appendix B: Links to Ratification Ballots and Ratification Results

Appendix B – Links to Ratification Ballots and Ratification Results

| Date of Ballot | Link to Ballot  | Link to Ratification Results   | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications   |
|----------------|---|--|--|
| 09-04-12       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat090412ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat090412ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq100412tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq100412tally.xls</a><br>Comments Submitted by Bonneville Power Administration on 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015:<br><a href="https://www.naesb.org/pdf4/weq_rat100412_bpa.doc">https://www.naesb.org/pdf4/weq_rat100412_bpa.doc</a> | Recommendation: 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015 (Part 2) ratified by the WEQ Membership on October 4, 2012:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat090412_weq_2012ap4ci-ii_r11014_r11015_rec.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat090412_weq_2012ap4ci-ii_r11014_r11015_rec.doc</a><br>Final Action: <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4ci-ii_r11014_r11015.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4ci-ii_r11014_r11015.doc</a>   |
| 09-25-12       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat092512ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat092512ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq102412tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq102412tally.xls</a>  | Recommendation: Retail 2012 Annual Plan Item 3(b) ratified by the WEQ Membership on October 24, 2012:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat090412_weq_2012ap4ci-ii_r11014_r11015_rec.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat090412_weq_2012ap4ci-ii_r11014_r11015_rec.doc</a><br>Final Action:<br><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_retail_2012_api_3b.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_retail_2012_api_3b.docx</a>   |
| 10-30-12       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat103012ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat103012ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq112812tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq112812tally.xls</a>  | Recommendation: 2012 WEQ Annual Plan Item 4.a (Redline) ratified by the WEQ Membership on November 28, 2012:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat103012_weq_2012_ap4a_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat103012_weq_2012_ap4a_rec_redline.doc</a><br>Recommendation: 2012 WEQ Annual Plan Item 4.a (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat103012_weq_2012_ap4a_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat103012_weq_2012_ap4a_rec_clean.doc</a><br>Final Action:<br><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4a.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4a.doc</a>                             |
| 11-28-12       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat112812ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat112812ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq122812tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq122812tally.xls</a>  | Recommendation: 2012 WEQ Annual Plan Item 4.b, Part 1 (Redline) ratified by the WEQ Membership on December 28, 2012:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat112812_weq_2012_ap4b_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat112812_weq_2012_ap4b_rec_redline.doc</a><br>Recommendation: 2012 WEQ Annual Plan Item 4.b, Part 1 (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat112812_weq_2012_ap4b_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat112812_weq_2012_ap4b_rec_clean.doc</a><br>Final Action:<br><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4b_part1.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4b_part1.doc</a> |

Appendix B: Links to Ratification Ballots and Ratification Results

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| Date of Ballot | Link to Ballot  | Link to Ratification Results  | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications  |
|----------------|---|---|---|
| 02-20-13       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat022013ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat022013ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq032113tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq032113tally.xls</a> | <p>Recommendation: 2012 WEQ Annual Plan Item 6.a ratified by the WEQ Membership on March 21, 2013:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat022013_weq_2012_ap6a_rec.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat022013_weq_2012_ap6a_rec.docx</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap6a.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap6a.docx</a></p>   |
| 05-07-13       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050713ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050713ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq060513tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq060513tally.xls</a> | <p>Recommendation to support Request R12010 ratified by the WEQ Membership on June 5, 2013:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050713_r12010_rec.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050713_r12010_rec.doc</a></p> <p>Final Action: <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_r12010.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_r12010.doc</a></p>  |
| 08-23-13       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082313ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082313ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq092313tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq092313tally.xls</a> | <p>Recommendation WEQ 2013 Annual Plan Item 3.d (Redline) ratified by the WEQ Membership on September 23, 2013:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082313_weq_2013_api_3d_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082313_weq_2013_api_3d_rec_redline.doc</a></p> <p>Recommendation WEQ 2013 Annual Plan Item 3.d (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082313_weq_2013_api_3d_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082313_weq_2013_api_3d_rec_clean.doc</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2013_api_3d.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2013_api_3d.doc</a></p>   |
| 10-31-13       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat103113ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat103113ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq120213tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq120213tally.xls</a> | <p>Recommendation WEQ 2013 Annual Plan Item 3.a.iii.1-2 (Redline) ratified by the WEQ Membership on December 2, 2013:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat103113_weq_2013_api_3a_iii_1-2_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat103113_weq_2013_api_3a_iii_1-2_rec_redline.doc</a></p> <p>Recommendation WEQ 2013 Annual Plan Item 3.a.iii.1-2 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat103113_weq_2013_api_3a_iii_1-2_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat103113_weq_2013_api_3a_iii_1-2_rec_clean.doc</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2013_api_3a_iii_1-2.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2013_api_3a_iii_1-2.doc</a></p> |

Appendix B: Links to Ratification Ballots and Ratification Results

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| Date of Ballot | Link to Ballot  | Link to Ratification Results  | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications   |
|----------------|---|---|--|
| 05-06-14       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050614ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050614ballot.doc</a> | <a href="https://www.naesb.org/member_login_check.asp?doc=rat_weq060514tally.xls">https://www.naesb.org/member_login_check.asp?doc=rat_weq060514tally.xls</a> | <p>Recommendation to support Request R14001 (Redline) ratified by the WEQ Membership on June 5, 2014:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050614_r14001_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat050614_r14001_rec_redline.docx</a></p> <p>Recommendation to support Request R14001 (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050614_r14001_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat050614_r14001_rec_clean.docx</a></p> <p>Final Action: <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_r14001.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_r14001.docx</a></p>  |
| 08-25-14       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082514ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082514ballot.doc</a> | <a href="https://www.naesb.org/pdf4/rat_weq092414tally.xls">https://www.naesb.org/pdf4/rat_weq092414tally.xls</a>   | <p>Recommendation WEQ 2014 Annual Plan Item 3.a.ii ratified by the WEQ Membership on September 24, 2014:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082514_weq_2014_api_3a_ii_rec.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082514_weq_2014_api_3a_ii_rec.doc</a></p> <p>Attachment (Redline):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082514_weq_2014_api_3a_ii_rec_attachment_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082514_weq_2014_api_3a_ii_rec_attachment_redline.doc</a></p> <p>Attachment (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082514_weq_2014_api_3a_ii_rec_attachment_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082514_weq_2014_api_3a_ii_rec_attachment_clean.doc</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2014_api_3a_ii.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2014_api_3a_ii.doc</a></p> <p>Attachment:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2014_api_3a_ii_attachment.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2014_api_3a_ii_attachment.doc</a></p> |
| 05-01-15       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115ballot.doc</a> | <a href="https://www.naesb.org/pdf4/rat_weq060115tally.xls">https://www.naesb.org/pdf4/rat_weq060115tally.xls</a>   | <p>Recommendation WEQ 2015 Annual Plan Items 7.a (Redline) ratified by the WEQ Membership on June 1, 2015:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7a_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7a_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Items 7.a (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7a_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7a_rec_clean.doc</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7a.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7a.doc</a></p>  |



Appendix B: Links to Ratification Ballots and Ratification Results

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| Date of Ballot | Link to Ballot     | Link to Ratification Results | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications   |
|----------------|--------------------|------------------------------|--|
| 05-01-15       | <i>(continued)</i> |                              | <p>Recommendation WEQ 2015 Annual Plan Item 7.b (Redline) ratified by the WEQ Membership on June 1, 2015:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7b_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7b_rec_redline.docx</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 7.b (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7b_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7b_rec_clean.docx</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7b.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7b.docx</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 7.c (Redline) ratified by the WEQ Membership on June 1, 2015:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7c_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7c_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 7.c (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7c_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7c_rec_clean.doc</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7c.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7c.doc</a></p> <p>Recommendation (WEQ 2015 Annual Plan Item 7d (Redline) ratified by the WEQ Membership on June 1, 2015):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7d_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7d_rec_redline.doc</a></p> <p>Recommendation (WEQ 2015 Annual Plan Item 7d (Clean):<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7d_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat050115_weq_2015_api_7d_rec_clean.doc</a></p> <p>Final Action:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7d.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api_7d.doc</a></p> |

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| Date of Ballot | Link to Ballot  | Link to Ratification Results  | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications   |
|----------------|---|---|--|
| 08-20-15       | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015ballot.doc</a> | <a href="https://www.naesb.org/pdf4/rat_weq091815tally.xls">https://www.naesb.org/pdf4/rat_weq091815tally.xls</a> | <p>Recommendation WEQ 2015 Annual Plan Item 1.e / R14002 (Redline) ratified by the WEQ Membership on September 18, 2015:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api1e_r14002_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api1e_r14002_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 1.e / R14002 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api1e_r14002_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api1e_r14002_rec_clean.doc</a></p> <p>Final Action:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api1e_r14002.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api1e_r14002.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 3.a.i.1 (Redline) ratified by the WEQ Membership on September 18, 2015:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api3ai1_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api3ai1_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 3.a.i.1 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api3ai1_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api3ai1_rec_clean.doc</a></p> <p>Final Action:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api3ai1.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api3ai1.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 5.a / R08011 (Redline) ratified by the WEQ Membership on September 18, 2015:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5a_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5a_rec_redline.docx</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 5.a / R08011 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5a_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5a_rec_clean.docx</a></p> <p>Final Action:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api5a_r08011.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api5a_r08011.docx</a></p> |

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| Appendix B – Links to Ratification Ballots and Ratification Results |                    |                              |   |
|---|--------------------|------------------------------|---|
| Date of Ballot  | Link to Ballot     | Link to Ratification Results | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications  |
| 08-20-15  | <i>(continued)</i> |                              | <p>Recommendation WEQ 2015 Annual Plan Item 5.b / R08027 (Redline) ratified by the WEQ Membership on September 18, 2015:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5b_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5b_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 5.b / R08027 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5b_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api5b_rec_clean.doc</a></p> <p>Final Action:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api5b_r08027.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api5b_r08027.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 6.a (Redline) ratified by the WEQ Membership on September 18, 2015:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api6a_rec_redline.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api6a_rec_redline.doc</a></p> <p>Recommendation WEQ 2015 Annual Plan Item 6.a (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api6a_rec_clean.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_weq_2015_api6a_rec_clean.doc</a></p> <p>Final Action:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api6a.doc">https://www.naesb.org/member_login_check.asp?doc=fa_weq_2015_api6a.doc</a></p> <p>Recommendation to support Request R15004 (Redline) ratified by the WEQ Membership on September 18, 2015:<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_r15004_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_r15004_rec_redline.docx</a></p> <p>Recommendation to support Request R15004 (Clean):<br/> <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_r15004_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat082015_r15004_rec_clean.docx</a></p> <p>Final Action: <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_r15004.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_r15004.docx</a></p> |

Appendix B: Links to Ratification Ballots and Ratification Results

| Appendix B – Links to Ratification Ballots and Ratification Results |   |   |  |
|---|---|---|--|
| Date of Ballot  | Link to Ballot  | Link to Ratification Results  | Recommendations Ratified that Resulted in V003 Business Practice Standards or Business Practice Standard modifications   |
| 08-27-15  | <a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082715ballot.doc">https://www.naesb.org/member_login_check.asp?doc=weq_rat082715ballot.doc</a> | <a href="https://www.naesb.org/pdf4/rat_weq092515tally.xls">https://www.naesb.org/pdf4/rat_weq092515tally.xls</a> | Recommendation to support R15005 (Redline) ratified by the WEQ Membership on September 25, 2015:<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082715_weq_r15005_rec_redline.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat082715_weq_r15005_rec_redline.docx</a><br><br>Recommendation to support R15005 (Clean):<br><a href="https://www.naesb.org/member_login_check.asp?doc=weq_rat082715_weq_r15005_rec_clean.docx">https://www.naesb.org/member_login_check.asp?doc=weq_rat082715_weq_r15005_rec_clean.docx</a><br><br>Final Action: <a href="https://www.naesb.org/member_login_check.asp?doc=fa_weq_r15005.docx">https://www.naesb.org/member_login_check.asp?doc=fa_weq_r15005.docx</a> |

Appendix C: List of Available Transcripts

| Appendix C –List of Available Transcripts |   |                       |   |
|---|---|-----------------------|---|
| Date of Meeting                           | Meeting and Minutes   | Transcription Service | How to obtain transcripts <sup>1</sup>  |
| 08-21-12                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec082112fm.docx">https://www.naesb.org/pdf4/weq_ec082112fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 10-23-12                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec102312fm.docx">https://www.naesb.org/pdf4/weq_ec102312fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 02-19-13                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec021913fm.docx">https://www.naesb.org/pdf4/weq_ec021913fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 04-30-13                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec043013fm.docx">https://www.naesb.org/pdf4/weq_ec043013fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 08-20-13                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec082013fm.docx">https://www.naesb.org/pdf4/weq_ec082013fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 10-22-13                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec102213fm.docx">https://www.naesb.org/pdf4/weq_ec102213fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 02-18-14                                  | WEQ EC Meeting <a href="https://www.naesb.org/pdf4/weq_ec021814fm.docx">https://www.naesb.org/pdf4/weq_ec021814fm.docx</a>    | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |

<sup>1</sup> The Federal Energy Regulatory Commission and other regulatory agencies may contact the NAESB office to obtain electronic copies of the transcripts. All others can contact the transcription service and order the transcripts for a nominal fee.

Appendix C: List of Available Transcripts

| Appendix C –List of Available Transcripts |   |                       |   |
|---|---|-----------------------|---|
| Date of Meeting                           | Meeting and Minutes   | Transcription Service | How to obtain transcripts <sup>1</sup>  |
| 04-29-14                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec042914fm.docx">https://www.naesb.org/pdf4/weq_ec042914fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 08-19-14                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec081914fm.docx">https://www.naesb.org/pdf4/weq_ec081914fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 10-21-14                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec102114fm.docx">https://www.naesb.org/pdf4/weq_ec102114fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 02-24-15                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec022415fm.docx">https://www.naesb.org/pdf4/weq_ec022415fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 04-28-15                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec042815fm.docx">https://www.naesb.org/pdf4/weq_ec042815fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |
| 08-18-15                                  | WEQ EC Meeting<br><a href="https://www.naesb.org/pdf4/weq_ec081815fm.docx">https://www.naesb.org/pdf4/weq_ec081815fm.docx</a> | Jill Webb             | Jill Webb, CSR<br>1803 Rustic Oak Ln<br>Seabrook, Texas 77586<br>281-853-6807 |

Appendix D: Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards

| Appendix D: Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards |  |  |
|---|--|--|
| Date Issuance   | FERC Order and related NAESB Status Reports  | Recommendations that include the Business Practice Standards incorporated by reference   |
| 09-18-14  | <p>Docket No. RM05-5-022, FERC Order No. 676-H: FERC action on NAESB WEQ Business Practice Standards, Version 003:<br/><a href="https://www.naesb.org/pdf4/ferc091814_finalrule_weq_v003_rm05-5-022_order676-h.pdf">https://www.naesb.org/pdf4/ferc091814_finalrule_weq_v003_rm05-5-022_order676-h.pdf</a></p> <p>Errata Notice to Final Rule (Docket No. RM05-5-022, FERC Order No. 676-H: FERC) issued October 3, 2014:<br/><a href="https://www.naesb.org/pdf4/ferc100314_errata_finalrule_weq_v003_order676-h091814.docx">https://www.naesb.org/pdf4/ferc100314_errata_finalrule_weq_v003_order676-h091814.docx</a></p> <p>Related NAESB Filing with the Commission:</p> <ul style="list-style-type: none"> <li>01-29-13 - Submittal of Modifications to the Public Key Infrastructure Standards and Other Standards to support the Public Key Infrastructure (Docket Nos. RM05-5-000 and RM05-5-022):<br/><a href="https://www.naesb.org/pdf4/ferc012913_pki_standards_report.pdf">https://www.naesb.org/pdf4/ferc012913_pki_standards_report.pdf</a></li> </ul> <p>Related NAESB Minor Corrections Filed with the Commission:</p> <ul style="list-style-type: none"> <li>11-27-13 - Standards for Business Practices of Public Utilities (Docket Nos. RM05-5-000 and RM05-5-022):<br/><a href="https://www.naesb.org/pdf4/ferc112713_weq_version003_errata.pdf">https://www.naesb.org/pdf4/ferc112713_weq_version003_errata.pdf</a></li> </ul> | <p>WEQ 2012 Annual Plan Item 4.c.i-ii / R11014 / R11015 (Part 2) – Develop modifications for WEQ-012 as needed to reflect current market conditions (Authorized Certification Authority Standard and Credentialing Practice (R11014). Technology Review and Upgrade for NAESB Public Key Infrastructure Standard WEQ-012 (R11015)) ratified by the WEQ Membership on October 4, 2012:<br/><a href="http://www.naesb.org/member_login_form.asp?doc=fa_weq_2012_ap4ci-ii_r11014_r11015.doc">http://www.naesb.org/member_login_form.asp?doc=fa_weq_2012_ap4ci-ii_r11014_r11015.doc</a></p> <p>WEQ 2012 Annual Plan Item 4.a – PKI Business Practice Standards for OASIS ratified by the WEQ Membership on November 28, 2012:<br/><a href="http://www.naesb.org/member_login_form.asp?doc=fa_weq_2012_ap4a.doc">http://www.naesb.org/member_login_form.asp?doc=fa_weq_2012_ap4a.doc</a></p> <p>WEQ 2012 Annual Plan Item 4.b (Part 1) – PKI Business Practice Standards for e-Tagging as ratified by the WEQ Membership on December 28, 2012:<br/><a href="http://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4b_part1.doc">http://www.naesb.org/member_login_check.asp?doc=fa_weq_2012_ap4b_part1.doc</a></p> <p>MC13013 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-002 (Open Access Same-Time Information Systems (OASIS) Standards and Communication Protocols (S&amp;CP), Version 2.0 to comply with 18 CFR 37.7(b) – Auditing Transmission Service Information [Order 889, 61 FR 21764, May 10, 1996, as amended by Order 889-A, 62 FR 12504, Mar. 14, 1997; Order 890, <a href="https://www.naesb.org/pdf4/ferc089012496.pdf">72 FR 12496</a>, Mar. 15, 2007] as approved by the WEQ EC on August 20, 2013:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc13013_rec_082013.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc13013_rec_082013.doc</a></p> <p>MC13015 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-002 (OASIS Standards and Communication Protocols (S&amp;CP), Version 2.0 to make consistency changes by changing “HTML” to “browser-based” as approved by the WEQ EC on August 20, 2013:<br/><a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc13015_rec_082013.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc13015_rec_082013.doc</a></p> <p>MC13017 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-001 (OASIS), Version 2.0 to correct references to the NAESB WEQ Business Practice Standards by changing “WEQ-009” to “WEQ-001-9” and “WEQ-010” to “WEQ-001-10” as approved by the WEQ EC on August 20, 2013: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc13017_rec_082013.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc13017_rec_082013.doc</a></p> <p>MC13019 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-014-A (NAESB WEQ/WGQ Implementation Guide for Electronic Tariff Filing) to correspond to modifications made by FERC to its OSEC Implementation Guide for Electronic Filing of Parts 35, 154, 284, 300, and 341 Tariff Filings as noted in the August 12, 2013 FERC Update and approved by the WEQ EC on October 22, 2013: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc13019_rec_102213.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc13019_rec_102213.doc</a></p> |

Appendix D: Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards

| Appendix D: Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards |  |   |
|---|--|---|
| Date Issuance   | FERC Order and related NAESB Status Reports  | Recommendations that include the Business Practice Standards incorporated by reference  |
|   | <ul style="list-style-type: none"> <li>12-20-12 - Standards for Business Practices of Public Utilities (Docket Nos. RM05-5-000 and RM05-5-022):<br/><a href="https://www.naesb.org/pdf4/ferc122012_weq_version003_errata.pdf">https://www.naesb.org/pdf4/ferc122012_weq_version003_errata.pdf</a></li> </ul> | <p>MC13024 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-003 (OASIS Data Dictionary, Version 2.0, and WEQ-013 (OASIS Implementation Guide, Version 2.0 to clarify the data definition differences for the OASIS Data Dictionary Element Name STATUS found in WEQ-003-0 OASIS Data Dictionary and the data definitions found in WEQ-013-2.2 Transaction Status and WEQ-013-101.4 NITS Application and Modification of Service Status as approved by the WEQ EC on October 22, 2013: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc13024_rec_102213.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc13024_rec_102213.doc</a></p> <p>MC13025 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms), WEQ-001 (Open Access Same-Time Information Systems (OASIS), Version 2.0, WEQ-002 (OASIS Standards and Communication Protocols (S&amp;CP), Version 2.0, WEQ-003 (OASIS Data Dictionary, Version 2.0, and WEQ-013 (OASIS Implementation Guide, Version 2.0 to make consistency changes to the NAESB WEQ Business Practice Standards as published and approved by the WEQ EC on October 22, 2013: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc13025_rec_102213.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc13025_rec_102213.doc</a></p> <p>MC12032 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms), WEQ-001 (Open Access Same-Time Information Systems (OASIS), Version 2.0, and WEQ-003 (OASIS Data Dictionary, Version 2.0 to make consistency changes for the movement of the NERC TSIN registry to the NAESB EIR registry as approved by the WEQ EC on October 23, 2012: <a href="https://www.naesb.org/pdf4/weq_mc12032_rec_102312.doc">https://www.naesb.org/pdf4/weq_mc12032_rec_102312.doc</a></p> <p>MC12034 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms) and WEQ-019 (Customer Energy Usage Information Communication) to avoid confusion the acronym “ISO – International Organization for Standardization” was deleted and spelled out as “International Organization of Standardization Standard” and the acronym “VEE – Validation Editing and Estimation” was changed to “VEE – Validating, Editing and Estimating” as approved by the WEQ EC on October 23, 2012: <a href="https://www.naesb.org/pdf4/weq_mc12034_rec_102312.docx">https://www.naesb.org/pdf4/weq_mc12034_rec_102312.docx</a></p> <p>MC12035 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-008 (Transmission Loading Relief (TLR) – Eastern Interconnection) to make consistency changes (capitalization) based on terms documented in NAESB WEQ Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms) by changing “Firm” to “firm” and update references to NERC documents as approved by the WEQ EC on October 23, 2012: <a href="https://www.naesb.org/pdf4/weq_mc12035_rec_102312.doc">https://www.naesb.org/pdf4/weq_mc12035_rec_102312.doc</a></p> |



Appendix D: Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards

| Appendix D: Cross Reference of Business Practice Standards Adopted in Version 003.1 to FERC action on those Business Practice Standards |   |   |
|---|---|---|
| Date Issuance   | FERC Order and related NAESB Status Reports | Recommendations that include the Business Practice Standards incorporated by reference  |
|   |   | MC12036 – minor correction to Version 003 NAESB WEQ Business Practice Standards WEQ-001 (Open Access Same-Time Information Systems (OASIS), Version 2.0, WEQ-002 (OASIS Standards and Communication Protocols (S&CP), Version 2.0, WEQ-003 (OASIS Data Dictionary, Version 2.0, and WEQ-013 (OASIS Implementation Guide, Version 2.0 to make consistency changes in the use of “template” to the defined term “OASIS Template” as approved by the WEQ EC on October 23, 2012: <a href="https://www.naesb.org/pdf4/weq_mc12036_rec_102312.doc">https://www.naesb.org/pdf4/weq_mc12036_rec_102312.doc</a> |

Appendix E: NAESB Process to Develop and Adopt Standards

### The NAESB Standards Development Process

NAESB is focused on proposing, considering, and adopting voluntary standards and model business practices that will have a significant and lasting impact on all aspects of the natural gas and electricity marketplaces. As a result of the standards NAESB adopts, it is expected that the industry will operate more efficiently and effectively, benefiting both the industry and its customers. At the same time, it must be acknowledged that NAESB standards may constitute a change in the way parties do business, with an accompanying effect on the use and allocation of resources.

NAESB's policy is to move at a deliberate pace, consistent with its annual plan(s), thus permitting those affected by its standards, especially those standards adopted as regulations by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies, to assimilate them as part of their business practices. To this end, NAESB will carefully consider whether proposed standards are both timely and necessary. In particular, it will try to avoid adopting and implementing new standards, however beneficial, before the industry is able to reasonably make use of them.

The standards development process is governed by the annual plan, and items can be included in the plan or modified only with Board approval. The plan typically reflects requests from NAESB members, government agencies, and other interested parties. In approving the annual plan, the Board considers the availability of resources, including the NAESB budget and staff and the availability of industry volunteers. New requests received throughout the year are either considered part of the existing annual plan or as new items that require Board approval.

The standards development process begins with an annual plan item or a triaged and approved request. Triage is a process used by each quadrant of the Executive Committee (EC) to determine whether a request is within scope, which quadrant(s) it applies to, which subcommittee(s) it should be referred to, and what priority it should be assigned. Triage is carried out by EC members appointed by the EC chair. Triage recommendations are submitted to the en banc EC and require EC approval, and may also require Board approval if there are scope questions or if a modification of the annual plan is required.

Once the triage process is completed, the subcommittees—more than one are normally involved in standards recommendations—review the request, compare it to existing standards, and prepare recommendations that may take the form of new or modified standards or interpretations. Participation in EC subcommittees is open to any interested party regardless of membership status. All subcommittee participants may vote; voting is balanced by segment and quadrant. All votes are public.

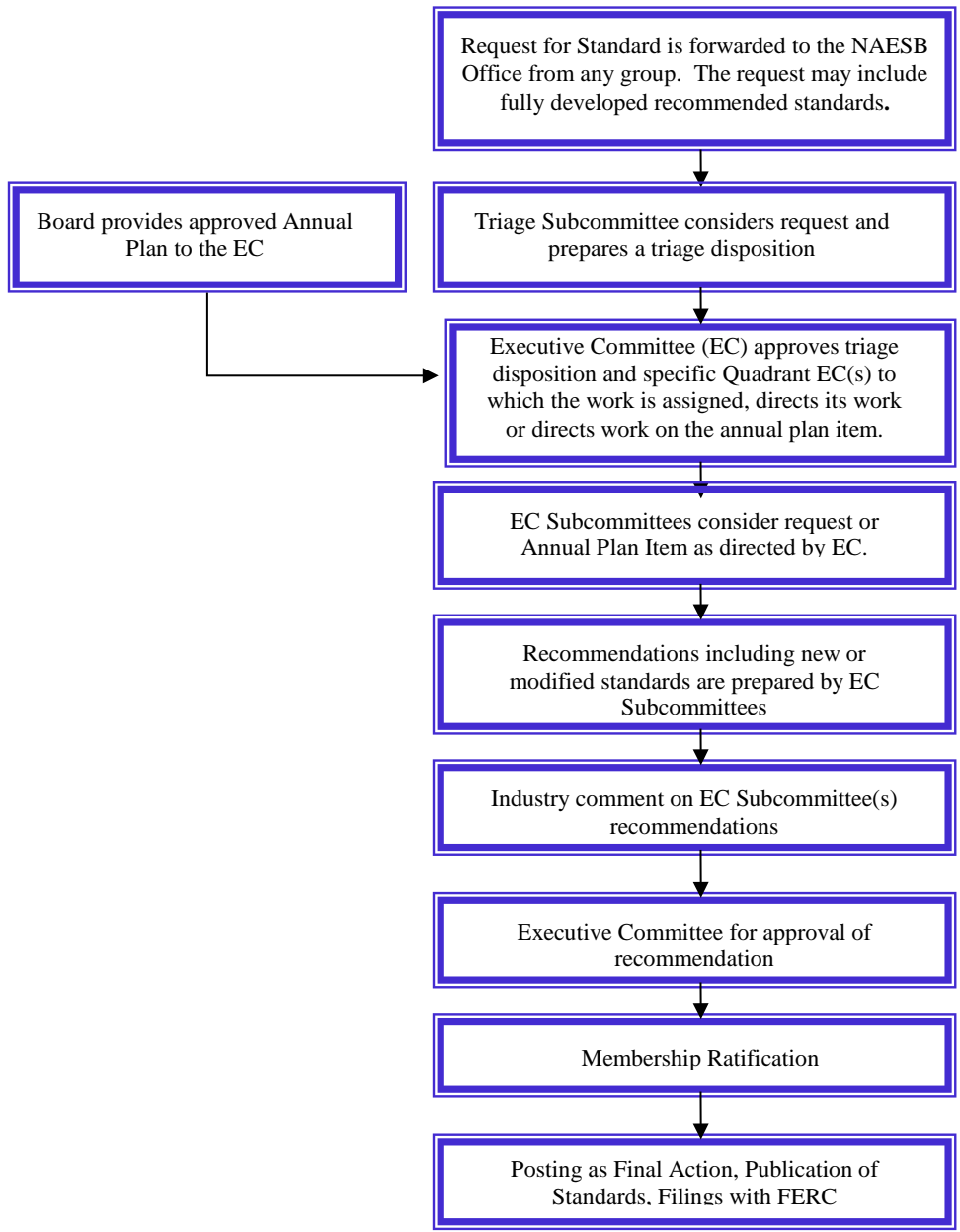
When the recommendation is complete, it is made available for a thirty-day industry comment period. The recommendation and comments are then forwarded to the EC, which considers the recommendation, makes any changes it deems necessary, and takes a vote. A recommendation must receive an affirmative vote of at least 67 percent from each applicable quadrant EC and 40 percent from each of the segments of the applicable quadrant(s).

After passage by the EC, the recommendation must be ratified by the NAESB members. An affirmative vote of 67 percent of the members of the applicable quadrant(s) is required for ratification. After ratification, standards and modifications are considered final actions and will be published in the next version of NAESB standards.

All NAESB quadrants follow the same development process described herein. The process has been followed by the WGQ since 1994 and has been used to develop more than five hundred standards that have been incorporated by reference into federal regulations.

Appendix E: NAESB Process to Develop and Adopt Standards

North American Energy Standards Board  
Standards Development Process Flow Chart



Appendix E: NAESB Process to Develop and Adopt Standards

### Flexibility

NAESB recognizes that flexibility is necessary as standards are developed to address regional concerns or to incorporate variances to accommodate operational or structural differences. Several WEQ standards incorporate regional or operational differences for both Version 0 and Version 1. There is a high threshold for incorporating such variances in a standard; the subcommittee(s) in drafting the standard, the EC in approving the subcommittee recommendation, and the membership in approving the standard must all agree that such variance is necessary. Nonetheless, NAESB procedures are well suited to take into account operational and regional differences.

### Transparency

All NAESB meetings are open for attendance and participation by any interested party, with the exception of executive sessions of the Board or Managing Committee for purposes of discussing personnel, compensation or legal issues. Meeting announcements and agendas are posted in advance to permit the widest possible participation. Conference-calling capability is available for all meetings and web casting is available for most. Those intending to attend a meeting in person or by telephone are asked to notify NAESB by a specific date to permit adequate meeting planning.

Transcripts are made of all Board of Directors and EC meetings, and may also be made of other meetings that are expected to be controversial. Transcripts are maintained in the NAESB office and are provided to regulatory agencies for their internal use. All other interested parties can purchase transcripts from the relevant transcription service.

### Coordination with NERC

For business practice standards development for the WEQ, if it is determined by NERC and NAESB Executive Management that joint development is needed by NERC and NAESB, the NERC-NAESB Coordination Joint Development Process is implemented.<sup>1</sup> This process requires that the appropriate NAESB Subcommittee and NERC Standards drafting team work together to develop reliability standards and business practices. This process is currently being implemented by the NAESB WEQ BPS and ESS/ITS with the NERC ATC Standards drafting team to develop reliability standards and business practice standards to address Commission Order No. 890.

The Joint Interface Committee of NAESB, NERC and the ISO-RTO Council (“JIC”) was dissolved as part of the agreement to create the Independent Grid Operator segment of the WEQ. The joint development process between NAESB and NERC is being used to ensure appropriate coordination. The ISOs and RTOs have strong decision-making roles in both NERC and NAESB, and thus with the use of the joint development process, the JIC was no longer necessary.

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<sup>1</sup> The NERC-NAESB Coordination Joint Development Process was submitted to the Commission on February 17, 2006 in Attachment C of the Progress Report on NAESB Activities impacting Docket No. RM05-5-000, “Standards for Business Practices and Communication Protocols for Public Utilities”: [http://www.naesb.org/doc\\_view2.asp?doc=ferc021706.pdf](http://www.naesb.org/doc_view2.asp?doc=ferc021706.pdf).

Appendix F: Minor Corrections Applied to Versions 003 and 003.1

Appendix F – Minor Corrections Applied to Versions 003 and 003.1

| EC Meeting Date | EC Meeting Minutes   | Minor Corrections   |
|-----------------|--|---|
| 10-23-12        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec102312fm.docx">https://www.naesb.org/pdf4/weq_ec102312fm.docx</a></p> | <p>Minor Correction MC12032 – Correct NAESB Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms), WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.0, and WEQ-003 (OASIS Data Dictionary) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003 approved by the WEQ EC on October 23, 2012.<br/>Recommendation: <a href="http://www.naesb.org/pdf4/weq_mc12032_rec_102312.doc">http://www.naesb.org/pdf4/weq_mc12032_rec_102312.doc</a> (Effective date November 28, 2012) <b>FERC Filing 12/20/2012</b>(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> <p>Minor Correction MC12034 – Correct NAESB Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms) and WEQ-019 (Customer Energy Usage Information Communication) published in NAESB WEQ Business Practice Standards Version 003 approved by the WEQ EC on October 23, 2012.<br/>Recommendation: <a href="http://www.naesb.org/pdf4/weq_mc12034_rec_102312.docx">http://www.naesb.org/pdf4/weq_mc12034_rec_102312.docx</a> (Effective date November 28, 2012) <b>FERC Filing 12/20/2012</b>(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> <p>Minor Correction MC12035 – Correct NAESB Business Practice Standards WEQ-008 (Transmission Loading Relief (TLR) – Eastern Interconnection) published in NAESB WEQ Business Practice Standards Version 003 approved by the WEQ EC on October 23, 2012.<br/>Recommendation: <a href="http://www.naesb.org/pdf4/weq_mc12035_rec_102312.doc">http://www.naesb.org/pdf4/weq_mc12035_rec_102312.doc</a> (Effective date November 28, 2012) <b>FERC Filing 12/20/2012</b>(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> <p>Minor Correction MC12036 - Correct NAESB Business Practice Standards WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.0, WEQ-002 (OASIS Standards and Communication Protocol (S&amp;CP)) Version 2.0, WEQ-003 (OASIS Data Dictionary) Version 2.0, and WEQ-013 (OASIS Implementation Guide) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003 approved by the WEQ EC on October 23, 2012.<br/>Recommendation: <a href="http://www.naesb.org/pdf4/weq_mc12036_rec_102312.doc">http://www.naesb.org/pdf4/weq_mc12036_rec_102312.doc</a> (Effective date November 28, 2012) <b>FERC Filing 12/20/2012</b>(September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> |

Appendix F: Minor Corrections Applied to Versions 003 and 003.1

Appendix F – Minor Corrections Applied to Versions 003 and 003.1

| EC Meeting Date | EC Meeting Minutes   | Minor Corrections  |
|-----------------|--|--|
| 08-20-13        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec082013fm.docx">https://www.naesb.org/pdf4/weq_ec082013fm.docx</a></p> | <p>Minor Correction MC13013 - Correct NAESB WEQ Business Practice Standard WEQ-002-3.4i (Open Access Same-Time Information Systems (OASIS) Standards and Communication Protocol (S&amp;CP)) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003: To comply with 18 CFR 37.7(b) – Auditing Transmission Service Information as approved by the WEQ EC on August 20, 2013.</p> <p>Recommendation: <a href="http://naesb.org/member_login_check.asp?doc=weq_mc13013_rec_082013.doc">http://naesb.org/member_login_check.asp?doc=weq_mc13013_rec_082013.doc</a> (Effective date September 24, 2013) <b>FERC Filing 11/27/2013</b> (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> <p>Minor Correction MC13015 - Make consistency changes to NAESB WEQ Business Practice Standards WEQ-002-3.3a, b, and d, WEQ-002-3.4b(i), WEQ-002-4.2.2a, WEQ-002-4.2.5.2a, WEQ-002-4.2.9.1 and WEQ-002-4.3.11.4, (Open Access Same-Time Information Systems (OASIS) Standards and Communication Protocol (S&amp;CP)) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003 as approved by the WEQ EC on August 20, 2013.</p> <p>Recommendation: <a href="http://naesb.org/member_login_check.asp?doc=weq_mc13015_rec_082013.doc">http://naesb.org/member_login_check.asp?doc=weq_mc13015_rec_082013.doc</a> (Effective date September 24, 2013) <b>FERC Filing 11/27/2013</b> (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> <p>Minor Correction MC13017 – In reviewing the NAESB WEQ Business Practice Standard WEQ-001-11.1.6 (Open Access Same-Time Information Systems (OASIS)), which is associated to Redirect Rights through a Resale, MISO noticed that the standard references WEQ-009 Standards of Conduct for Electric Transmission Providers and WEQ-010 Contracts Related to Business Practice Standards. The correct references should be WEQ-001-9 Requirements for Dealing with Redirects on a Firm Basis and WEQ-001-10 Requirements for Dealing with Redirects on a Non-Firm Basis published in NAESB WEQ Business Practice Standards Version 003 as approved by the WEQ EC on August 20, 2013.</p> <p>Recommendation: <a href="http://naesb.org/member_login_check.asp?doc=weq_mc13017_rec_082013.doc">http://naesb.org/member_login_check.asp?doc=weq_mc13017_rec_082013.doc</a> (Effective date September 24, 2013) <b>FERC Filing 11/27/2013</b> (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</p> |

Appendix F: Minor Corrections Applied to Versions 003 and 003.1

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| EC Meeting Date | EC Meeting Minutes   | Minor Corrections   |
|-----------------|--|---|
| 10-22-13        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec102213fm.docx">https://www.naesb.org/pdf4/weq_ec102213fm.docx</a></p> | <p>Minor Correction MC13019 – For NAESB WGQ Version 2.1 and NAESB WEQ Version 003, Joint WEQ/WGQ Minor Correction to the NAESB WEQ/WGQ Implementation Guide for Electronic Tariff Filing to correspond to modifications made by FERC to its OSEC Implementation Guide for Electronic Filing of Parts 35, 154, 284, 300, and 341 Tariff Filings as noted by FERC, dated August 12, 2013 as approved by the WEQ EC on October 22, 2013.<br/>Recommendation: <a href="http://www.naesb.org/member_login_check.asp?doc=weq_mc13019_rec_102213.doc">http://www.naesb.org/member_login_check.asp?doc=weq_mc13019_rec_102213.doc</a> (Effective date November 26, 2013) <b>FERC Filing 11/27/2013</b></p> <p>Minor Correction MC13024 – Minor correction/clarification to clarify the data definition differences for the OASIS Data Dictionary Element Name STATUS found in WEQ-003-0 (OASIS Data Dictionary) and the data definitions found in WEQ-013-2.2 Transaction Status and WEQ-013-101.4 NITS Application and Modification of Service Status (OASIS Implementation Guide) published in NAESB WEQ Business Practice Standards Version 003 as approved by the WEQ EC on October 22, 2013.<br/>Recommendation: <a href="http://www.naesb.org/member_login_check.asp?doc=weq_mc13024_rec_102213.doc">http://www.naesb.org/member_login_check.asp?doc=weq_mc13024_rec_102213.doc</a> (Effective date November 26, 2013) <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b></p> <p>Minor Correction MC13025 – Minor correction/clarification to make consistency changes to the NAESB Wholesale Electric Quadrant (WEQ) Business Practice Standards WEQ-000 (Abbreviations, Acronyms, and Definitions of Terms), WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.0, WEQ-002 (OASIS Standards and Communication Protocol (S&amp;CP)) Version 2.0, and WEQ-013 (OASIS Implementation Guide) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003 as approved by the WEQ EC on October 22, 2013.<br/>Recommendation: <a href="http://www.naesb.org/member_login_check.asp?doc=weq_mc13025_rec_102213.doc">http://www.naesb.org/member_login_check.asp?doc=weq_mc13025_rec_102213.doc</a> (Effective date November 26, 2013) <b>FERC Filing 11/27/2013 (September 18, 2014 FERC FINAL RULE (Docket No. RM05-5-022; Order No. 676-H) FERC Errata to Final Rule, October 3, 2014)</b></p> |

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| EC Meeting Date | EC Meeting Minutes   | Minor Corrections  |
|-----------------|--|--|
| 02-18-14        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec021814fm.docx">https://www.naesb.org/pdf4/weq_ec021814fm.docx</a></p> | <p>Minor Correction MC14003 – <i>(To be applied to Version 003.1)</i> Minor correction/clarification to make consistency changes to WEQ Business Practice Standards WEQ-002, (OASIS Business Practice Standards and Communication Protocol (S&amp;CP)) Version 2.0 and WEQ-003 (OASIS Data Dictionary) Version 2.0 published in NAESB WEQ Business Practice Standards Version 003 as approved by the WEQ Executive Committee on February 18, 2014.<br/>Recommendation: <a href="http://www.naesb.org/member_login_check.asp?doc=weq_mc14003_rec_021814.doc">http://www.naesb.org/member_login_check.asp?doc=weq_mc14003_rec_021814.doc</a> (Effective date March 31, 2014)</p> <p>Minor Correction MC14004 – <i>(To be applied to Version 003.1)</i> Modify the definition of System Operator by deleting “(Based on NERC definitions).” in WEQ-000-2 (Definition of Terms), published in NAESB WEQ Business Practice Standards Version 003 as approved by the WEQ Executive Committee on February 18, 2014.<br/>Recommendation: <a href="http://www.naesb.org/member_login_check.asp?doc=weq_mc14004_rec_021814.doc">http://www.naesb.org/member_login_check.asp?doc=weq_mc14004_rec_021814.doc</a> (Effective date March 31, 2014)</p> |
| 04-29-14        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec042914fm.docx">https://www.naesb.org/pdf4/weq_ec042914fm.docx</a></p> | <p>Minor Correction MC14011 - Minor Correction to update the initiation and termination times for the West in WEQ-006-5 (Manual Time Error Correction) from -5/+5 and ±0.5/±0.5 respectively, to -30/+30 and -25/+25 respectively as approved by the WEQ Executive Committee on April 29, 2014.<br/>Recommendation: <a href="http://www.naesb.org/member_login_check.asp?doc=weq_mc14011_rec_042914.doc">http://www.naesb.org/member_login_check.asp?doc=weq_mc14011_rec_042914.doc</a> (Effective date June 9, 2014)</p>  |



Appendix F: Minor Corrections Applied to Versions 003 and 003.1

Appendix F – Minor Corrections Applied to Versions 003 and 003.1

| EC Meeting Date | EC Meeting Minutes  | Minor Corrections   |
|-----------------|---|---|
| 04-28-15        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec042815fm.docx">https://www.naesb.org/pdf4/weq_ec042815fm.docx</a></p>  | <p>Minor Correction MC15007 - (<i>To be applied to Version 003.1</i>) Minor Correction to the NAESBWEQ Business Practice Standards WEQ-012 (Public Key Infrastructure (PKI)). Add additional language to WEQ-012-1.21.1 to indicate that these requirements are now found within the ACA Accreditation Specification. This language was inadvertently left out of the recommendation for 2012 WEQ Annual Plan Item 4.c.i-ii/R11014/R1101 as approved by the WEQ Executive Committee on April 28, 2015.<br/>Recommendation: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc15007_rec_042815.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc15007_rec_042815.doc</a> (Effective date June 1, 2015)</p> <p>Minor Correction MC15008 – Minor Correction to the NAESBWEQ Business Practice Standards WEQ-006 (Manual Time Error Correction) Version 003 (page 5), dated July 31, 2012. The request is to remove the references to ERCOT from the table 006-5. The requestor noted that the reference to ERCOT was inadvertently added to the 2012 WEQ-006 procedure on Time-Error Correction as approved by the WEQ Executive Committee on April 28, 2015.<br/>Recommendation: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc15008_rec_042815.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc15008_rec_042815.doc</a> (Effective date June 1, 2015)</p> |
| 08-18-15        | <p>WEQ EC Meeting:<br/><a href="https://www.naesb.org/pdf4/weq_ec081815fm.docx">https://www.naesb.org/pdf4/weq_ec081815fm.docx</a></p>  | <p>Minor Correction MC15015 - Minor Correction to NAESB WEQ Business Practice Standards Version 003.1, WEQ-001 (Open Access Same-Time Information Systems (OASIS)) Version 2.1, WEQ-002 (OASIS Standards and Communication Protocol (S&amp;CP)) Version 2.1, and WEQ-013 (OASIS Implementation Guide) Version 2.1 - To change the wording of the phrases “shall have the right to”, “shall be allowed to”, “shall be permitted, but is not required, to”, “shall be permitted to”, and “shall have the ability to” to “may”. Along with other consistency changes approved by the WEQ Executive Committee on August 18, 2015.<br/>Recommendation: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc15015_rec_081815.doc">https://www.naesb.org/member_login_check.asp?doc=weq_mc15015_rec_081815.doc</a> (Effective date September 18, 2015)</p>   |
| 09-08-15        | <p>WEQ EC Notational Ballot:<br/><a href="https://www.naesb.org/pdf4/weq_ec090115ballot.docx">https://www.naesb.org/pdf4/weq_ec090115ballot.docx</a><br/>Notational Ballot Results:<br/><a href="https://www.naesb.org/pdf4/weq_ec090115results.docx">https://www.naesb.org/pdf4/weq_ec090115results.docx</a></p> | <p>Minor Correction MC15019 - Minor Correction to NAESB WEQ Business Practice Standards Version 003.1, WEQ-000 (Abbreviations, Acronyms, and Definition of Terms), WEQ-002 (OASIS Standards and Communication Protocols (S&amp;CP)) Version 2.1, WEQ-003 (OASIS Data Dictionary) Version 2.1, and WEQ-013 (OASIS Implementation Guide) Version 2.1. In reviewing the publication draft for NAESB WEQ Business Practice Standards, Version 003.1, several references to OASIS Version 2.0 need to be updated to OASIS Version 2.1, as well as, references to the Electronic Tagging Functional Specification Version 1.8.1.1 updated to Version 1.8.2 for consistency as approved by the WEQ Executive Committee via notational ballot on September 8, 2015.<br/>Recommendation: <a href="https://www.naesb.org/member_login_check.asp?doc=weq_mc15019_090815.docx">https://www.naesb.org/member_login_check.asp?doc=weq_mc15019_090815.docx</a> (Effective date September 30, 2015)</p>   |

Appendix F: Minor Corrections Applied to Versions 003 and 003.1

**Procedures for Minor Corrections as excerpted from the NAESB Operating Procedures**

D. Minor Clarifications and Corrections to Standards

Minor clarifications and corrections to existing standards include: (a) clarifications or corrections made by a regulatory agency to standards that are of a jurisdictional nature, or by the American National Standards Institute or its successor; (b) clarifications or corrections to the format, appearance, or descriptions of standards in standards documentation; (c) clarifications or corrections to add code values to tables; and (d) clarifications and corrections that do not materially change a standard. Any request for a minor clarification or correction to an existing standard should be submitted in writing to the executive director. This request shall include a description of the minor clarification or correction and the reason the clarification or correction should be implemented.

1. Processing of Requests

The executive director shall promptly notify the EC and any appropriate subcommittee(s) of the receipt of the request. The members of the applicable quadrant's EC shall promptly determine whether the request meets the definition of a minor clarification or correction. Through the decision of the vice chair of the applicable quadrant, this determination may be delegated to one of the quadrant's subcommittees, with the concurrence of the subcommittee chair, in which case the subcommittee shall make a prompt decision.

If the request is determined to meet the definition of minor clarification or correction, the applicable quadrant's EC, with input from any subcommittee(s) to which the request has been forwarded, shall act on the request within one month of its receipt. A meeting to discuss the request is not required; the decision may be made by notational vote. A simple majority of the votes received shall determine the outcome. The members of the applicable quadrant's EC shall be given at least three working days to consider and vote on the request.

2. Public Notice

The results of the vote on the request for a minor clarification or correction shall be posted on the NAESB website and the members of the applicable quadrant shall be notified of the request by e-mail. If the request has been approved by the applicable quadrant's EC, the notification shall include a brief description of the request, the contact name and number of the requester so that further information can be obtained, and the proposed effective date of the clarification or correction. Any interested party shall have an opportunity to comment on the request, and the comments shall be posted on the NAESB website. The comment period is two weeks.

3. Final Disposition of Approved Requests

If no comments are received on an approved request, the standard shall be clarified or corrected as specified in the approved request on the effective date proposed. If comments are received, they shall be forwarded to the members of the applicable quadrant's EC for consideration. Each comment requires a public written response from the applicable quadrant's EC. The applicable quadrant's EC shall determine whether changes are necessary as a result of the comments. Members of the applicable quadrant's EC shall be given three working days to consider the comments and determine the outcome, which shall be decided by a simple majority of the votes received. A meeting to discuss the request is not required; the decision may be made by notational vote. The standard shall be clarified or corrected in accordance with the outcome of the vote, effective with the completion of voting, and notice thereof shall be posted on the NAESB website. In the case of minor corrections which are discovered during the editorial review process of publication of a new version and are categorized as clarifications under (b) or (c) above<sup>1</sup>, the proposed effective date may be (i) two weeks from the date of public notice, following simple majority approval by the applicable Quadrant(s) EC(s) of the shortened effective date, or (ii) one month from the date of the public notice. For all others, the proposed effective date of the minor clarification or correction shall normally be one month from the date of the public notice upon simple majority approval of the applicable Quadrant(s) EC(s).

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<sup>1</sup> Minor clarifications and corrections to existing standards include: (a) clarifications or corrections made by a regulatory agency to standards that are of a jurisdictional nature, or by the American National Standards Institute or its successor; (b) clarifications or corrections to the format, appearance, or descriptions of standards in standards documentation; (c) clarifications or corrections to add code values to tables; and (d) clarifications and corrections that do not materially change a standard.

Appendix G: Requests and Minor Corrections, No Action Needed

| Appendix G – Request and Minor Corrections, No Action Needed |  |   |
|--|--|---|
| EC Meeting Date  | EC Meeting Minutes   | Request and Minor Corrections, No Action Needed   |
| 08-20-13   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec082013fm.docx">https://www.naesb.org/pdf4/weq_ec082013fm.docx</a> | <p>Recommendation WEQ 2013 Annual Plan Item 4.a.ii - Review the FERC Report, “Report on Use of North American Energy Standards Board Public Key Infrastructure Standards,” Docket No. EL12-86-000, issued on August 27, 2012, to determine which standards changes are needed to be responsive to suggestions made by the Commission. Approved by the WEQ EC on August 20, 2013 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2013_api_4aii_rec_082013.doc">http://www.naesb.org/pdf4/weq_2013_api_4aii_rec_082013.doc</a><br/>Attachment: <a href="http://www.naesb.org/pdf4/weq_2013_api_4aii_rec_attachment_082013.docx">http://www.naesb.org/pdf4/weq_2013_api_4aii_rec_attachment_082013.docx</a></p> <p>Recommendation WEQ 2013 Annual Plan Item 1.e - Develop and/or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy. Approved by the WEQ EC on August 20, 2013 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2013_api_1e_rec_082013.doc">http://www.naesb.org/pdf4/weq_2013_api_1e_rec_082013.doc</a></p> <p>Recommendation WEQ 2013 Annual Plan Item 1.f - Develop, modify or delete business practices to support Time Error, Automatic Generation Control (AGC), and Inadvertent Accounting (BAL-005, and BAL-006) (NERC Project 2010-14.2 Phase 2 of Balancing Authority Reliability-based Controls: Time Error, AGC, and Inadvertent. Approved by the WEQ EC on August 20, 2013 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2013_api_1f_rec_082013.doc">http://www.naesb.org/pdf4/weq_2013_api_1f_rec_082013.doc</a></p> |
| 10-22-13   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec102213fm.docx">https://www.naesb.org/pdf4/weq_ec102213fm.docx</a> | <p>Recommendation for Request R13004 – Revise both the WEQ-004 business practice standards and the e-Tag Specification to allow registered Market Operators to be specified in e-Tag roles that better reflect their participation in Tagged Transactions. Approved by the WEQ EC on October 22, 2013 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/r13004_rec_102213.doc">http://www.naesb.org/pdf4/r13004_rec_102213.doc</a></p>  |

Appendix G: Requests and Minor Corrections, No Action Needed

| Appendix G – Request and Minor Corrections, No Action Needed |  |   |
|--|--|---|
| EC Meeting Date  | EC Meeting Minutes   | Request and Minor Corrections, No Action Needed   |
| 02-18-14   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec021814fm.docx">https://www.naesb.org/pdf4/weq_ec021814fm.docx</a> | <p>Recommendation WEQ 2014 Annual Plan Item 1.e - Coordinate with NERC on changes to the definition of Bulk Electric System NERC Project 2010-17 Definition of Bulk Electric System (Phase 2). Approved by the WEQ Executive Committee on February 18, 2014 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2014_api_1e_rec_021814.doc">http://www.naesb.org/pdf4/weq_2014_api_1e_rec_021814.doc</a></p> <p>Recommendation WEQ 2013 Annual Plan Item 4.a.i - Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: US-Cert Vulnerability Note VU#864643). Approved by the WEQ Executive Committee on February 18, 2014 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2013_api_4ai_rec_021814.doc">http://www.naesb.org/pdf4/weq_2013_api_4ai_rec_021814.doc</a></p> <p>Recommendation WEQ 2013 Annual Plan Item 1.n – Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-1) to ensure coordination between NERC and NAESB. Approved by the WEQ Executive Committee on February 18, 2014 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2013_api_1n_rec_021814.doc">http://www.naesb.org/pdf4/weq_2013_api_1n_rec_021814.doc</a></p> |
| 04-29-14   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec042914fm.docx">https://www.naesb.org/pdf4/weq_ec042914fm.docx</a> | <p>Recommendation WEQ 2014 Annual Plan Item 1.i - Coordinate with NERC on NERC Project 2012-08 Glossary Updates. Approved by the WEQ Executive Committee on April 29, 2014 (<i>No further action needed</i>)</p> <p>Final Action: <a href="http://www.naesb.org/pdf4/weq_2014_api_1i_rec_042914.doc">http://www.naesb.org/pdf4/weq_2014_api_1i_rec_042914.doc</a></p>   |
| 08-19-14   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec081914fm.docx">https://www.naesb.org/pdf4/weq_ec081914fm.docx</a> | <p>Recommendation WEQ 2014 Annual Plan Item 1.f - Develop complementary standards that align with NERC Project 2013-04 (formerly Project 2008-01 and now rolled into Project 2013-04) Voltage and Reactive Planning and Control. A SAR was finalized in April 2011. Approved by the WEQ Executive Committee on August 19, 2014 (<i>No further action needed</i>)</p> <p>Final Action: <a href="https://www.naesb.org/pdf4/weq_2014_api_1f_rec_081914.doc">https://www.naesb.org/pdf4/weq_2014_api_1f_rec_081914.doc</a></p> <p>Recommendation WEQ 2014 Annual Plan Item 1.g - Develop complementary standards that align with NERC Project 2010-4 Demand Data. Approved by the WEQ Executive Committee on August 19, 2014 (<i>No further action needed</i>)</p> <p>Final Action: <a href="https://www.naesb.org/pdf4/weq_2014_api_1g_rec_081914.doc">https://www.naesb.org/pdf4/weq_2014_api_1g_rec_081914.doc</a></p>  |
| 02-24-15   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec022415fm.docx">https://www.naesb.org/pdf4/weq_ec022415fm.docx</a> | <p>Recommendation WEQ 2014 Annual Plan Item 8.b (<i>formerly WEQ 2014 Annual Plan Item 7.b</i>) - Develop a specification for demand response products and services to support a certification program. Approved by the WEQ Executive Committee on February 24, 2015 (<i>No further action needed</i>)</p> <p>Final Action: <a href="https://www.naesb.org/pdf4/weq_2014_api_7b_rec_022415.doc">https://www.naesb.org/pdf4/weq_2014_api_7b_rec_022415.doc</a></p>   |

Appendix G: Requests and Minor Corrections, No Action Needed

| Appendix G – Request and Minor Corrections, No Action Needed |  |   |
|--|--|---|
| EC Meeting Date  | EC Meeting Minutes   | Request and Minor Corrections, No Action Needed   |
| 08-18-15   | WEQ EC Meeting:<br><a href="https://www.naesb.org/pdf4/weq_ec081815fm.docx">https://www.naesb.org/pdf4/weq_ec081815fm.docx</a> | <p>Recommendation 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 approved by the WEQ Executive Committee on August 18, 2015. Approved by the WEQ Executive Committee on August 18, 2015 (<i>No further action needed</i>)</p> <p>Final Action: <a href="https://www.naesb.org/pdf4/weq_2015_api4b_rec_081815.docx">https://www.naesb.org/pdf4/weq_2015_api4b_rec_081815.docx</a></p> <p>Recommendation 2015 WEQ Annual Plan Items 3.a.i.2 – Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information approved by the WEQ Executive Committee on August 18, 2015. Approved by the WEQ Executive Committee on August 18, 2015 (<i>No further action needed</i>)</p> <p>Final Action: <a href="https://www.naesb.org/pdf4/weq_2015_api3ai2_rec_081815.doc">https://www.naesb.org/pdf4/weq_2015_api3ai2_rec_081815.doc</a></p> |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |   |
|--|----------------------|---|
| Quadrant   | Segment <sup>2</sup> | Organization  |
| WEQ  | ts                   | 8760, Inc.  |
| WGQ  | s                    | 8760, Inc.  |
| RMQ  | s                    | ABB Ventyx  |
| WGQ  | s                    | Accenture, LLP  |
| WGQ  | l                    | AGL Resources Inc.  |
| WEQ  | d                    | Alabama Municipal Electric Authority                                |
| RMQ  | u                    | Alabama Power   |
| WEQ  | m                    | Alcoa Power Generating Inc  |
| WEQ  | m                    | Alliance for Cooperative Energy Services Power Marketing LLC (ACES) |
| WGQ  | pl                   | Alliance Pipeline, LP   |
| RMQ  | u                    | Ameren Services Company   |
| WEQ  | g                    | American Electric Power Service Corp.                               |
| WGQ  | l                    | American Gas Association  |
| WGQ  | s                    | American Midstream Partners, LP                                     |
| WEQ  | m                    | American Municipal Power, Inc.                                      |
| RMQ  | g                    | American Public Gas Association (APGA)                              |
| WEQ  | d                    | American Public Power Association                                   |
| WGQ  | pr                   | Anadarko Energy Services Company                                    |
| WGQ  | pl                   | ANR Pipeline Company  |
| RMQ  | e                    | Arizona Corporation Commission                                      |
| WEQ  | t                    | Arizona Public Service Company                                      |
| WGQ  | e                    | Arizona Public Service Company                                      |
| WEQ  | g                    | Arkansas Electric Cooperative Corporation                           |
| WEQ  | t                    | Associated Electric Cooperative, Inc.                               |
| WGQ  | pl                   | Atmos Energy  |
| RMQ  | s                    | Aurea Energy Solutions  |
| WEQ  | t                    | Avista Corporation  |
| RMQ  | u                    | Baltimore Gas & Electric Co.  |
| WGQ  | l                    | Baltimore Gas & Electric Co.  |
| WEQ  | g                    | Basin Electric Power Cooperative                                    |
| WEQ  | m                    | Basin Electric Power Cooperative                                    |

<sup>1</sup> Please note that access by an entity does not extend to the entity’s affiliates, partners, divisions or other corporate structures.

<sup>2</sup> The segment abbreviations are: **RXQ**: u – retail electric utilities, g – retail gas market interests, e – retail electric end users/public agencies, s – retail electric service providers/suppliers. **WEQ**: m – marketer/broker, d – distribution, i – independent grid operators/planners, t – transmission owner, e – end user, g – generator, ts – technology/services. **WGQ**: s – services, pl – pipeline, l – LDC, pr – producer, e – end user.

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |   |
|--|----------------------|---|
| Quadrant   | Segment <sup>2</sup> | Organization                                |
| WEQ  | t                    | Basin Electric Power Cooperative            |
| WEQ  | t                    | BC Hydro                                    |
| WGQ  | s                    | Bentek Energy, LLC                          |
| WGQ  | s                    | BG Energy Merchants, LLC                    |
| RMQ  | s                    | Big Data Energy Services                    |
| WEQ  | g                    | Black Hills Corporation                     |
| WGQ  | s                    | Blackstone Technology Group, Inc.           |
| WGQ  | pl                   | Boardwalk Pipeline Partners, LP             |
| WEQ  | d                    | Bonneville Power Administration             |
| WEQ  | g                    | Bonneville Power Administration             |
| WEQ  | m                    | Bonneville Power Administration             |
| WEQ  | t                    | Bonneville Power Administration             |
| WGQ  | pr                   | BP Energy                                   |
| WGQ  | pl                   | BP Pipelines (North America) Inc.           |
| WEQ  | g                    | California Department of Water Resources    |
| RMQ  | e                    | California Energy Commission                |
| WEQ  | e                    | California Energy Commission                |
| WGQ  | e                    | California Energy Commission                |
| WEQ  | i                    | California ISO                              |
| RMQ  | e                    | California Public Utilities Commission      |
| WEQ  | e                    | California Public Utilities Commission      |
| WGQ  | e                    | Calpine Energy Services, LP                 |
| WGQ  | s                    | Cargill Incorporated                        |
| WGQ  | s                    | Castleton Commodities Merchant Trading L.P. |
| RMQ  | u                    | CenterPoint Energy Houston Electric, LLC    |
| WGQ  | s                    | CenterPoint Energy Services, Inc.           |
| WEQ  | d                    | Central Electric Power Cooperative          |
| WGQ  | pl                   | Cheniere Pipeline Company                   |
| WGQ  | pr                   | Chevron Natural Gas                         |
| WGQ  | pr                   | Cimarex Energy Co                           |
| WGQ  | s                    | Citigroup Energy, Inc.                      |
| RMQ  | e                    | City of Houston                             |
| WEQ  | d                    | Clark Public Utilities                      |
| WGQ  | l                    | Colorado Springs Utilities                  |
| WGQ  | pl                   | Columbia Gas Transmission Corporation       |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |   |
|--|----------------------|---|
| Quadrant   | Segment <sup>2</sup> | Organization  |
| RMQ  | s                    | Comverge, Inc.                                      |
| WEQ  | e                    | Conservation Law Foundation                         |
| WGQ  | pr                   | ConocoPhillips Company                              |
| WGQ  | l                    | Consolidated Edison Company of NY                   |
| WGQ  | pl                   | Dauphin Island Gathering Partners                   |
| WGQ  | e                    | Defense Logistics Agency Energy                     |
| WGQ  | e                    | Department of Energy                                |
| RMQ  | g                    | Department of General Services                      |
| WEQ  | g                    | Deseret Generation & Transmission Co-operative      |
| WGQ  | pr                   | Devon Energy Corporation                            |
| WGQ  | pl                   | Dominion Carolina Gas Transmission, LLC             |
| WGQ  | l                    | Dominion Resources                                  |
| WEQ  | g                    | Dominion Resources Services, Inc.                   |
| WGQ  | pl                   | Dominion Transmission, Inc.                         |
| RMQ  | u                    | Dominion Virginia Power                             |
| WEQ  | ts                   | Dominion Voltage, Inc.                              |
| WGQ  | s                    | DTE Energy Trading, Inc.                            |
| RMQ  | g                    | Duke Energy Corp.                                   |
| WEQ  | d                    | Duke Energy Corporation                             |
| WEQ  | t                    | Duke Energy Corporation                             |
| WEQ  | g                    | Dynegy Marketing and Trade, LLC                     |
| WGQ  | pl                   | Eastern Shore Natural Gas Company                   |
| WGQ  | pr                   | Eclipse Resources Corporation                       |
| WEQ  | n                    | Edison Electric Institute                           |
| WEQ  | t                    | El Paso Electric                                    |
| RMQ  | e                    | Electric Reliability Council of Texas, Inc. (ERCOT) |
| WEQ  | i                    | Electric Reliability Council of Texas, Inc. (ERCOT) |
| WEQ  | t                    | Emera Maine   |
| WEQ  | t                    | Empire District Electric Company, The               |
| WGQ  | s                    | Enable Energy Resources, LLC                        |
| WGQ  | pl                   | Enable Gas Transmission, LLC                        |
| WGQ  | pl                   | Enable Mississippi River Transmission, LLC          |
| WGQ  | pl                   | Enbridge (U.S.) Inc.                                |
| WGQ  | s                    | Encana Marketing (USA) Inc.                         |
| WEQ  | t                    | Entergy Services, Inc.                              |



Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |  |
|--|----------------------|--|
| Quadrant   | Segment <sup>2</sup> | Organization   |
| WGQ  | e                    | Entergy Services, Inc.   |
| WGQ  | pl                   | Energy Transfer Equity, L.P.   |
| WGQ  | pl                   | Enterprise Products Partners, LP   |
| WGQ  | e                    | Environmental Defense Fund, Inc.   |
| WGQ  | pr                   | EP Energy E&P Company, L.P.  |
| WGQ  | pl                   | Equitrans, L.P.  |
| RMQ  | s                    | Ernst & Young LLP  |
| WEQ  | t                    | Eversource Energy  |
| WEQ  | m                    | Exelon Generation Company, LLC   |
| WGQ  | s                    | Exelon Generation Company, LLC   |
| WGQ  | pr                   | ExxonMobil Gas & Power Marketing Company a division of Exxon Mobil Corporation |
| WEQ  | d                    | Florida Municipal Power Agency   |
| WEQ  | g                    | Florida Municipal Power Agency   |
| WEQ  | m                    | Florida Power & Light Company  |
| WEQ  | t                    | Florida Power & Light Company  |
| WGQ  | e                    | Florida Power & Light Company  |
| WGQ  | s                    | Gas Natural Fenosa LNG, S.L.   |
| WGQ  | pl                   | Gas Transmission Northwest Corporation   |
| WGQ  | pl                   | Gasoductos de Chihuahua S. de R.L. de C.V.                                     |
| WGQ  | pl                   | Gasoductos del Noreste S. de R.L. de C.V.                                      |
| WEQ  | t                    | Georgia Transmission Corporation   |
| WEQ  | e                    | GMO GlobalSign, Inc.   |
| WGQ  | pl                   | Golden Pass Pipeline, LLC  |
| WGQ  | pl                   | Great Lakes Gas Transmission   |
| WEQ  | t                    | Hydro - Quebec Transenergie  |
| WEQ  | g                    | Iberdrola Renewables   |
| WEQ  | t                    | Iberdrola USA Management Corporation (Central Maine Power Co)                  |
| WGQ  | l                    | Iberdrola USA Management Corporation (Rochester Gas and Electric Corp)         |
| WEQ  | t                    | Idaho Power Company  |
| WEQ  | e                    | Idaho Public Utilities Commission  |
| WGQ  | e                    | Idaho Public Utilities Commission  |
| WGQ  | e                    | Imperial Irrigation District   |
| WEQ  | i                    | Independent Electricity System Operator (IESO)                                 |
| WEQ  | g                    | Indiana Municipal Power Agency   |
| WEQ  | t                    | Indianapolis Power and Light Company   |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |   |
|--|----------------------|---|
| Quadrant   | Segment <sup>2</sup> | Organization                              |
| RMQ  | g                    | Integrus Energy Group, Inc.               |
| RMQ  | s                    | Intelometry, Inc.                         |
| WGQ  | pl                   | Iroquois Gas Transmission System          |
| RMQ  | e                    | ISO New England, Inc.                     |
| WEQ  | i                    | ISO New England, Inc.                     |
| WGQ  | s                    | JP Morgan Ventures Energy Corp            |
| WEQ  | t                    | Kansas City Power & Light Company         |
| WEQ  | g                    | Kansas City Power & Light Company         |
| WGQ  | pl                   | Kern River Gas Transmission Company       |
| WGQ  | pl                   | Kinder Morgan Inc                         |
| WGQ  | pl                   | Kinetica Partners, LLC                    |
| RMQ  | g                    | Latitude Technologies Inc.                |
| WGQ  | s                    | Latitude Technologies Inc.                |
| WEQ  | t                    | LG&E and KU Services Company              |
| WEQ  | ts                   | Liaison Technologies, Inc.                |
| WEQ  | ts                   | Links Technology Solutions, Inc.          |
| WEQ  | m                    | Los Angeles Department of Water and Power |
| WEQ  | t                    | Los Angeles Department of Water and Power |
| WGQ  | s                    | Macquarie Energy LLC                      |
| WEQ  | e                    | Maine Public Utilities Commission         |
| WEQ  | m                    | Manitoba Hydro                            |
| WEQ  | t                    | Manitoba Hydro                            |
| WGQ  | pr                   | Marathon Oil Company                      |
| RMQ  | e                    | Maryland Public Service Commission        |
| WGQ  | pl                   | MCP Operating LLC                         |
| WGQ  | pr                   | Mewbourne Oil Company                     |
| WEQ  | d                    | Michigan Public Power Agency              |
| WEQ  | m                    | MidAmerican Energy Company                |
| WGQ  | pl                   | Millennium Pipeline Company, LLC          |
| RMQ  | e                    | Minnesota Public Utilities Commission     |
| WEQ  | e                    | Minnesota Public Utilities Commission     |
| WEQ  | i                    | MISO                                      |
| WEQ  | d                    | Missouri River Energy Services            |
| WEQ  | m                    | Municipal Energy Agency of Nebraska       |
| WEQ  | m                    | Nalcor Energy                             |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |  |
|--|----------------------|--|
| Quadrant   | Segment <sup>2</sup> | Organization   |
| RMQ  | e                    | National Association of Regulatory Utility Commissioners |
| WEQ  | e                    | National Association of Regulatory Utility Commissioners |
| RMQ  | g                    | National Fuel Gas Distribution Corporation               |
| WGQ  | pl                   | National Fuel Gas Supply Corp.                           |
| WEQ  | t                    | National Grid  |
| WGQ  | l                    | National Grid  |
| WEQ  | ts                   | National Institute of Standards and Technology           |
| WEQ  | d                    | National Rural Electric Cooperative Association          |
| WGQ  | s                    | Natural Resource Group, LLC                              |
| WEQ  | t                    | Nebraska Public Power District                           |
| RMQ  | e                    | New Jersey Board of Public Utilities                     |
| WEQ  | g                    | New Jersey Board of Public Utilities                     |
| WEQ  | i                    | New York Independent System Operator, Inc.               |
| WEQ  | d                    | New York State Reliability Council                       |
| WGQ  | s                    | Nexen Marketing  |
| WGQ  | e                    | NextEra Energy Power Marketing, LLC                      |
| WGQ  | l                    | NiSource Inc.  |
| WGQ  | pl                   | Noble Americas Corp.                                     |
| WGQ  | pr                   | Noble Energy, Inc.                                       |
| WEQ  | d                    | North American Electric Reliability Corporation (NERC)   |
| WEQ  | d                    | North Carolina Electric Membership Corporation           |
| WGQ  | pl                   | Northern Border Pipeline Company                         |
| WGQ  | pl                   | Northern Natural Gas                                     |
| WGQ  | e                    | Northwest Industrial Gas Users                           |
| WGQ  | l                    | Northwest Natural Gas Company                            |
| WEQ  | t                    | Northwestern Corporation                                 |
| WGQ  | pl                   | NOVA Gas Transmission Ltd.                               |
| WEQ  | g                    | NRG Energy, Inc.   |
| WEQ  | m                    | NV Energy  |
| WEQ  | t                    | NV Energy, Inc.  |
| WEQ  | t                    | Omaha Public Power District                              |
| RMQ  | u                    | Oncor Electric Delivery Company LLC                      |
| WGQ  | l                    | ONE Gas, Inc.  |
| WGQ  | pl                   | ONEOK Partners GP, LLC                                   |
| WEQ  | e                    | Open Access Technology International, Inc.               |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |  |
|--|----------------------|--|
| Quadrant   | Segment <sup>2</sup> | Organization   |
| WEQ  | t                    | Open Access Technology International, Inc.                                   |
| WEQ  | ts                   | OpenLink Financial LLC   |
| WEQ  | ts                   | Organization for the Advancement of Structured Information Standards (OASIS) |
| WGQ  | s                    | PAA Natural Gas Storage, LLC   |
| WGQ  | l                    | Pacific Gas and Electric Company   |
| WEQ  | m                    | PacifiCorp   |
| WEQ  | t                    | PacifiCorp   |
| WGQ  | pl                   | Paiute PipeLine Company  |
| WEQ  | t                    | Peak Reliability   |
| RMQ  | e                    | Pennsylvania Office Of Consumer Advocate                                     |
| RMQ  | g                    | Pennsylvania Office of Consumer Advocate                                     |
| RMQ  | e                    | Pennsylvania Public Utility Commission                                       |
| WGQ  | l                    | Peoples Gas System (A division of Tampa Electric Co)                         |
| RMQ  | g                    | Philadelphia Gas Works   |
| WGQ  | s                    | Pillsbury Winthrop Shaw Pittman  |
| WEQ  | i                    | PJM Interconnection, LLC   |
| WEQ  | t                    | Portland General Electric  |
| WGQ  | pl                   | Portland Natural Gas Transmission System                                     |
| WEQ  | ts                   | Power Costs, Inc. (PCI)  |
| WEQ  | m                    | Powerex Corp.  |
| WEQ  | d                    | PowerSouth Energy Cooperative  |
| WGQ  | e                    | PPL EnergyPlus, LLC  |
| RMQ  | s                    | PPL Solutions, LLC   |
| WEQ  | m                    | Public Service Company of New Mexico   |
| RMQ  | e                    | Public Utilities Commission of Ohio  |
| WEQ  | e                    | Public Utilities Commission of Ohio  |
| RMQ  | e                    | Public Utility Commission of Texas   |
| WEQ  | t                    | Puget Sound Energy, Inc.   |
| WGQ  | pr                   | QEP Resources, Inc.  |
| WGQ  | pl                   | Questar Pipeline Co.   |
| WGQ  | s                    | Quorum Business Solutions Inc.   |
| WGQ  | pl                   | Rager Mountain Storage Company, LLC  |
| WEQ  | ts                   | RBN Energy LLC   |
| WEQ  | d                    | Sacramento Municipal Utility District  |
| WGQ  | e                    | Salt River Project Agricultural Improvement & Power District                 |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |  |
|--|----------------------|--|
| Quadrant   | Segment <sup>2</sup> | Organization   |
| WEQ  | m                    | Salt River Project Agricultural Improvement & Power District |
| WEQ  | t                    | San Diego Gas & Electric Company                             |
| WEQ  | t                    | Santee Cooper  |
| WEQ  | m                    | Seattle City Light   |
| WEQ  | e                    | Seattle City Light   |
| WEQ  | m                    | Seminole Electric Cooperative, Inc.                          |
| WGQ  | pl                   | Sempra U.S. Gas & Power                                      |
| WGQ  | s                    | Sequent Energy Management, L.P.                              |
| WEQ  | m                    | Shell Energy North American (US), L.P.                       |
| WGQ  | s                    | Shell Energy North American (US), L.P.                       |
| WGQ  | s                    | Skipping Stone, LLC  |
| WGQ  | s                    | SNL Financial  |
| WEQ  | d                    | Snohomish County PUD No. 1                                   |
| WEQ  | t                    | South Carolina Electric & Gas Company                        |
| WGQ  | l                    | Southern California Gas Company                              |
| RMQ  | s                    | Southern Company Services                                    |
| WEQ  | g                    | Southern Company Services, Inc.                              |
| WEQ  | m                    | Southern Company Services, Inc.                              |
| WEQ  | t                    | Southern Company Services, Inc.                              |
| WGQ  | e                    | Southern Company Services, Inc.                              |
| WGQ  | pl                   | Southern Star Central Gas Pipeline                           |
| RMQ  | g                    | SouthStar Energy Services, LLC                               |
| WGQ  | l                    | Southwest Gas Corporation                                    |
| WEQ  | i                    | Southwest Power Pool   |
| WEQ  | t                    | Southwest Transmission Cooperative, Inc.                     |
| WGQ  | pl                   | Spectra Energy Corp  |
| RMQ  | g                    | Sprague Operating Resources LLC                              |
| WEQ  | ts                   | Sungard  |
| WGQ  | s                    | SunGard Energy   |
| WGQ  | pr                   | SWN Energy Services Company, LLC                             |
| RMQ  | g                    | Systrends USA  |
| WEQ  | d                    | Tacoma Power   |
| WEQ  | d                    | TECO / Peoples Gas System                                    |
| WEQ  | g                    | Tenaska, Inc.  |
| WEQ  | g                    | Tennessee Valley Authority                                   |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |   |
|--|----------------------|---|
| Quadrant   | Segment <sup>2</sup> | Organization  |
| WEQ  | m                    | Tennessee Valley Authority                              |
| WEQ  | t                    | Tennessee Valley Authority                              |
| WGQ  | e                    | Tennessee Valley Authority                              |
| WGQ  | s                    | Tiger Natural Gas                                       |
| WEQ  | m                    | TransAlta Energy Marketing (U.S.) Inc.                  |
| WGQ  | pl                   | TransCanada Pipelines                                   |
| WEQ  | g                    | Tri-State G&T Association, Inc.                         |
| WEQ  | t                    | Tri-State Generation and Transmission Association, Inc. |
| WEQ  | t                    | Tucson Electric Power Company                           |
| RMQ  | g                    | UGI Utilities, Inc.                                     |
| WEQ  | t                    | United Illuminating Company, The                        |
| WGQ  | l                    | Unitil Service Corporation                              |
| WGQ  | pl                   | Vector Pipeline L.P.                                    |
| WGQ  | l                    | Vectren Corporation                                     |
| WEQ  | g                    | Vermont Public Power Supply Authority                   |
| WEQ  | e                    | Vermont Public Service Board                            |
| RMQ  | e                    | Vermont Public Service Board                            |
| WEQ  | g                    | Walker Ranch Energy, LLC                                |
| WEQ  | g                    | Wabash Valley Power Association                         |
| WGQ  | pl                   | WBI Energy Transmission, Inc.                           |
| WEQ  | d                    | We Energies (Wisconsin Electric)                        |
| WEQ  | g                    | We Energies (Wisconsin Electric)                        |
| WGQ  | l                    | WEC Energy Group  |
| WEQ  | g                    | Westar Energy, Inc.                                     |
| WEQ  | m                    | Western Area Power Administration                       |
| WEQ  | t                    | Western Area Power Administration                       |
| WEQ  | t                    | Western Electricity Coordinating Council                |
| WGQ  | pl                   | Williams  |
| RMQ  | u                    | Wisconsin Public Service Corporation                    |
| WEQ  | g                    | Wisconsin Public Service Corporation                    |
| WGQ  | s                    | World Fuel Services, Inc.                               |
| WEQ  | d                    | WPPI Energy   |
| WGQ  | s                    | WPX Energy Marketing, LLC                               |
| WEQ  | m                    | Xcel Energy Inc.  |
| RMQ  | s                    | Xtensible Solutions LLC                                 |

Appendix H-1: Entities with Access to NAESB Standards – NAESB Members with Access

| Appendix H-1 - Entities with Access to NAESB Standards - <b>NAESB Members with Access</b> <sup>1</sup> |                      |                 |
|--|----------------------|-----------------|
| Quadrant   | Segment <sup>2</sup> | Organization    |
| RMQ  | e                    | ZigBee Alliance |

Appendix H-2: Entities with Access to NAESB Standards – Entities with Access through Purchase

| Appendix H-2 - Entities with Access to NAESB Standards<br><b>Entities with Access through Purchase<sup>1</sup></b> |              |  |
|--|--------------|--|
| Organization ( <i>Member purchase on behalf of affiliate</i> )   | Version      | Description  |
| City of Ames   | Final Action | 2013 WEQ Annual Plan Item 3.d - Electric Industry Registry (EIR) Business Practice Standards - Ratified September 23, 2013 |

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<sup>1</sup> Please note that access by an entity does not extend to the entity's affiliates, partners, divisions or other corporate structures.



Appendix H-3: Entities with Access to NAESB Standards – Entities with Access through Limited Waiver

| Appendix H-3 - Entities with Access to NAESB Standards<br><b>Entities with Access through Limited Waiver<sup>1</sup></b> |                            |   |
|--|----------------------------|---|
| Organization   | Version                    | Description   |
| Consumers Energy (Jeanne Kurynowski)   | Final Actions<br><br>003.0 | 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015 Final Action: - Develop modifications for NAESB Business Practice Standards WEQ-012 (Public Key Infrastructure) as needed to reflect current market. - Ratified October 4, 2012<br><br>2012 WEQ Annual Plan Item 6.a Final Action: Develop standards to support PAP 10, Energy Usage Information Model, Phase 2, Harmonization with CIM and SEP 2.0 - Ratified March 21, 2013<br><br>WEQ Business Practice Standards, Version 003.0 with minor corrections applied through November 26, 2013 |
| Fitchburg Gas and Electric Light Company, Unitil Energy Systems, Inc. and Unitil Power Corp. (Karen M. Ashbury)          | Final Actions              | 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015 Final Action: - Develop modifications for NAESB Business Practice Standards WEQ-012 (Public Key Infrastructure) as needed to reflect current market. - Ratified October 4, 2012<br><br>2012 WEQ Annual Plan Item 6.a Final Action: Develop standards to support PAP 10, Energy Usage Information Model, Phase 2, Harmonization with CIM and SEP 2.0 - Ratified March 21, 2013  |
| NaturEner USA, LLC   | Final Actions              | 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015 Final Action: - Develop modifications for NAESB Business Practice Standards WEQ-012 (Public Key Infrastructure) as needed to reflect current market. - Ratified October 4, 2012<br><br>2012 WEQ Annual Plan Item 4.a Final Action: PKI Business Practice Standards for OASIS - Ratified November 28, 2012<br><br>2012 WEQ Annual Plan Item 4.b, Part 1 Final Action: PKI Standard Requirements for e-Tagging (Part 1) - Ratified December 28, 2012   |

<sup>1</sup> Please note that the waiver held by an entity does not extend to the entity's affiliates, partners, divisions or other corporate structures.

Appendix H-3: Entities with Access to NAESB Standards – Entities with Access through Limited Waiver

| Appendix H-3 - Entities with Access to NAESB Standards<br>Entities with Access through Limited Waiver <sup>1</sup>  |               |  |
|---|---------------|--|
| Organization  | Version       | Description  |
| New England Power Pool Participants Committee (Cynthia K. Jacobs)   | Final Actions | 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015 Final Action: - Develop modifications for NAESB Business Practice Standards WEQ-012 (Public Key Infrastructure) as needed to reflect current market. - Ratified October 4, 2012<br><br>2012 WEQ Annual Plan Item 6.a Final Action: Develop standards to support PAP 10, Energy Usage Information Model, Phase 2, Harmonization with CIM and SEP 2.0 - Ratified March 21, 2013 |
| Phyllis G. Kimmel (Miller, Balis & O'Neil, P.C.) on behalf of the Transmission Dependent Utility Systems (or TDU Systems) (see detail of the group provided below):<br>This group is made up of several cooperatives (who may or may not join the comments ultimately):<br>Arkansas Electric Cooperative Corporation<br>Golden Spread Electric Cooperative<br>Seminole Electric Cooperative<br>PowerSouth Energy Cooperative<br>North Carolina Electric Membership Corporation<br>Kansas Electric Power Cooperative | Final Actions | 2012 WEQ Annual Plan Item No. 4.c.i-ii/R11014/R11015 Final Action: - Develop modifications for NAESB Business Practice Standards WEQ-012 (Public Key Infrastructure) as needed to reflect current market. - Ratified October 4, 2012<br><br>2012 WEQ Annual Plan Item 6.a Final Action: Develop standards to support PAP 10, Energy Usage Information Model, Phase 2, Harmonization with CIM and SEP 2.0 - Ratified March 21, 2013 |

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2012 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT**  
**Approved by the Board of Directors on December 6, 2012**

| Item Description   | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|--|-------------------------|-------------------------|
| <b>1 Develop business practices standards as needed to complement reliability standards</b>  |                         |                         |
| Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:  |                         |                         |
| a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution <sup>1</sup><br>Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group.<br>Status: Started  | 1 <sup>st</sup> Q, 2013 | BPS                     |
| b) Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation. <sup>2</sup>  | 2013                    | BPS                     |
| c) Disturbance Control Standard (DCS) (BAL-002) Coordination with NERC <a href="#">Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves</a><br>Status: Monitor.   | 2013                    | BPS/TIMTF               |
| d) Coordinate with NERC on changes to the definition of Bulk Electric System NERC <a href="#">Project 2010-17 Definition of Bulk Electric System</a> .<br>Status: <a href="#">Completed. Subcommittee approved recommendation to forward to Executive Committee on January 17, 2012.</a>   | 2 <sup>nd</sup> Q, 2012 | SRS                     |
| e) Revise TLR level 5 to be treated similarly to TLR Level 3 in terms of treating the next hour allocation separately from that of current hour. ( <a href="#">R11020</a> )<br>Status: Not Started   | 2013                    | BPS                     |
| <b>2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)<sup>3</sup></b>  |                         |                         |
| a) Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers.<br>Status: Underway<br>Request R050004 was expanded to include the <a href="#">Order No. 890 (Docket Nos. RM05-17-000 and RM02-25-000)</a> , ( <a href="#">Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002)</a> ), and <a href="#">Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)</a> “Preventing Undue Discrimination and Preference in Transmission Services” |                         |                         |
| i) Group 3: Network Service On OASIS <sup>4</sup>  |                         |                         |
| 1) Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource<br>Status: Completed   | 4 <sup>th</sup> Q, 2011 | OASIS                   |

<sup>1</sup> See AP Item 3.iv., Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization

<sup>2</sup> In some sections of WEQ 008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

<sup>3</sup> FERC Order No. 890, issued February 16, 2007 can be accessed from the following link - [http://www.naesb.org/doc\\_view4.asp?doc=ferc021607.doc](http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc)

<sup>4</sup> Several group 3 items may be removed from this plan if the 4<sup>th</sup> quarter completion dates are met.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2012 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT**  
**Approved by the Board of Directors on December 6, 2012**

|     | <b>Item Description</b>  | <b>Completion<sup>1</sup></b> | <b>Assignment<sup>2</sup></b> |
|-----|--|-------------------------------|-------------------------------|
|     | 2) Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests<br>Status: Completed | 4 <sup>th</sup> Q, 2011       | OASIS                         |
|     | 3) Masking of Designated Network Resource Operating Restrictions and Generating Cost Information<br>Status: Completed  | 4 <sup>th</sup> Q, 2011       | OASIS                         |
|     | 4) Procedural Requirements for Submitting Designations over new OASIS Functionality<br>Status: Completed   | 4 <sup>th</sup> Q, 2011       | OASIS                         |
|     | 5) Specify How Designated Network Service Informational Postings are Posted on OASIS<br>Status: Completed  | 4 <sup>th</sup> Q, 2011       | OASIS                         |
|     | 6) Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation<br>Status: Completed                                 | 4 <sup>th</sup> Q, 2011       | OASIS                         |
|     | 7) Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources<br>Status: Completed   | 4 <sup>th</sup> Q, 2011       | OASIS                         |
|     | 8) Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations<br>Status: Completed                  | 4 <sup>th</sup> Q, 2011       | OASIS                         |
| ii) | Group 4: Pre-Emption; Request No. <a href="#">R05019</a>   |                               |                               |
|     | 1. Pre-Emption<br>Status: Started  | 1 <sup>st</sup> Q, 2013       | OASIS                         |
|     | 2. Request No. <a href="#">R05019</a><br>Status: Started   | 1 <sup>st</sup> Q, 2013       | OASIS                         |

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2012 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT**  
**Approved by the Board of Directors on December 6, 2012**

|          | <b>Item Description</b>  | <b>Completion<sup>1</sup></b>              | <b>Assignment<sup>2</sup></b>   |
|----------|--|--|---------------------------------|
| iii)     | Group 6: Miscellaneous (Paragraph 1627 <sup>5</sup> of FERC Order No. 890)   |  |                                 |
|          | 1) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments<br>Status: Not Started   | TBD<br>(follows the completion of AP 1(a)) | OASIS                           |
|          | 2) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.<br>Status: Not Started  | TBD<br>(follows the completion of AP 1(a)) | OASIS                           |
| b)       | Develop the needed business practices to support existing Request No. <a href="#">R05004</a> : The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 where the allocation of flowgate capability based on historical Network Native Load impacts the evaluation of transmission service requests, requiring the posting of those allocation values in conjunction with queries of service offerings on OASIS<br>Status: Completed | 4 <sup>th</sup> Q, 2011                    | OASIS                           |
| <b>3</b> | <b>Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>   |  |                                 |
| a)       | Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:  |  |                                 |
| i)       | Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions ( <a href="#">R04006E</a> ). (Related to AP 2(a)(iii) and AP 2(a)(i))<br>Status: Completed  | 4 <sup>th</sup> Q, 2011                    | OASIS                           |
| ii)      | Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC ( <a href="#">R04037</a> , <a href="#">R06027</a> )<br>Status: Underway, probably will not complete by 4 <sup>th</sup> Q and may need to be added back into the 2013 Annual Plan.  | 4 <sup>th</sup> Q, 2012                    | JESS                            |
| iii)     | Registry (TSIN): Transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR).<br>Status: Completed.   | 4 <sup>th</sup> Q, 2012                    | NAESB/NERC Administration, JESS |

<sup>5</sup> Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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|     | <b>Item Description</b>  | <b>Completion<sup>1</sup></b> | <b>Assignment<sup>2</sup></b> |
|-----|--|-------------------------------|-------------------------------|
| iv) | <p>Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (<a href="#">R05026</a>).</p> <p>Scoping <a href="#">statement</a> completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below:</p>  |                               |                               |
|     | <p>1) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted<br/>Status: Not Started</p>   | 2013                          | OASIS                         |
|     | <p>2) Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information.<br/>Status: Underway (upon further development of this item by NAESB, a completion date will be determined)</p>  | 2013                          | OASIS                         |
|     | <p>3) 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.<br/>Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)</p>  | 2013                          | OASIS                         |
| v)  | <p>Review and correct WEQ-004 Coordinate Interchange Business Practice Standard as needed based on activities in NERC <a href="#">Project 2008-12, Coordinate Interchange Standards Revisions</a> and supporting EOP-002-2 R4 and R6.<sup>6</sup></p> <p>Status: Underway. Completion date dependent upon coordination activities with NERC, and Project 2008-12 is delayed by NERC due to other higher priority development. It is expected that NERC will begin its effort in 2<sup>nd</sup> Q 2013.</p> | 2014                          | JESS                          |
| b)  | Review e-Tag specifications and make modifications as needed for:  |                               |                               |
|     | i) Supporting Network Integration Transmission Service standards   | TBD                           | JESS                          |
|     | ii) Consistency and clarifications   | TBD                           | JESS                          |
|     | iii) Regional Implementations supporting WECC efforts (probably of most impact to the appendices in the e-Tag specifications)  | TBD                           | JESS                          |
| c)  | <p>Requirements for OASIS to use data in the Electric Industry Registry (<a href="#">R12001</a>)<br/>Status: Not started</p>   | TBD                           | OASIS                         |

<sup>6</sup> See AP Item 1.a.iv, Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|---|-------------------------|-------------------------|
| 4. Develop and/or maintain standard communication protocols and cyber-security business practices as needed.  |                         |                         |
| a) Develop PKI standards for OASIS.<br>Status: Completed  | 4 <sup>th</sup> Q, 2012 | PKI/OASIS               |
| b) Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging.<br>Status: Completed   | 4 <sup>th</sup> Q, 2012 | PKI/JESS                |
| c) Develop modifications for WEQ-012 as needed to reflect current market conditions   |                         |                         |
| i) Authorized Certification Authority Standard and Credentialing Practice ( <a href="#">R11014</a> )<br>Status: Completed<br>Part 1 was voted out of subcommittee on June 14, 2012.<br>Part 2 was voted out of subcommittee on July 9, 2012.  | 3 <sup>rd</sup> Q, 2012 | PKI                     |
| ii) Technology Review and Upgrade for NAESB Public Key Infrastructure Standard WEQ-012 ( <a href="#">R11015</a> ).<br>Status: Completed<br>Part 1 was voted out of subcommittee on June 14, 2012.<br>Part 2 was voted out of subcommittee on July 9, 2012.  | 3 <sup>rd</sup> Q, 2012 | PKI                     |
| iii) Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: <a href="#">US-Cert Vulnerability Note VU#864643</a> )<br>Status: Not Started   | 2013                    | PKI                     |
| d) Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specifications  | TBD                     | PKI/JESS                |
| <b>5 Maintain existing body of Version 3.x standards</b>  |                         |                         |
| a) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. ( <a href="#">R08011</a> )<br>Status: Underway, probably will not complete by 4 <sup>th</sup> Q and may need to be added back into the 2013 Annual Plan. | 4 <sup>th</sup> Q, 2012 | OASIS                   |
| b) Correct WEQ 013-2.6.7.2. – Resale off OASIS ( <a href="#">R08027</a> )<br>Status: Not Started  | TBD                     | OASIS                   |
| c) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> )<br>Status: Started   | 1 <sup>st</sup> Q, 2013 | OASIS                   |
| d) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ( <a href="#">R09015</a> )<br>Status: Not Started   | TBD                     | OASIS                   |
| e) Develop standards to support crediting redirect requests with the capacity of the parent reservation ( <a href="#">BPA Comments</a> )<br>Status: Completed   | TBD                     | OASIS                   |

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup>                     |
|---|-------------------------|---|
| f) Modify WEQ Business Practice Standard 013-2.6.8.1 FULL_TRANSFER-Transfers of All Capacity and WEQ Business Practice Standard 013-2.6.8.2 – PART_TRANSFER-Transfer of Partial Capacity. ( <a href="#">R11022</a> )<br>Status: Completed   | 1 <sup>st</sup> Q, 2012 | OASIS                                       |
| <b>6. Develop Smart Grid Wholesale and Retail Electric Standards</b> - The wholesale and retail demand response work groups and the Smart Grid task force should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other. |                         |   |
| a) Develop standards to support PAP 10 – Standards Energy Usage Information, Phase 2, Harmonization with CIM and SEP 2.0<br>Status: Underway, dependent on discussions with CIM and SEP 2.0   | 4 <sup>th</sup> Q, 2012 | Joint WEQ/REQ<br>PAP 10 SGS<br>Subcommittee |
| <b>7. Develop or modify standards to Support <a href="#">FERC Order No. 676-E</a>, (Docket No. RM 05-5-013)</b>   |                         |   |
| a) Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72 <sup>7</sup> )<br>Status: Started, probably will not complete by 4 <sup>th</sup> Q and may need to be added back into the 2013 Annual Plan.  | 4 <sup>th</sup> Q, 2012 | OASIS                                       |

<sup>7</sup> 72. However, we reiterate here the Commission’s finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider’s extension of its right to perform a reassessment



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**PROVISIONAL ITEMS**

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1. **Develop business practices standards as needed to complement NERC reliability standards**
  - a) Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (NERC [Project 2009-05 Resource Adequacy Assessments](#)). NERC expects work on this project to start in third quarter 2014.
  - b) Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.
  - c) Develop complementary standards that align with NERC [Project 2008-01 Voltage and Reactive Planning and Control](#). A SAR was finalized in April 2011. NERC project is expected to begin in first quarter 2013.
  - d) Develop, modify or delete business practices to support Time Error, Automatic Generation Control (AGC), and Inadvertent Accounting (BAL-004, BAL-005, and BAL-006) resulting from the NERC field test under NERC project (NERC [Project 2010-14.2 Phase 2 of Balancing Authority Reliability-based Controls: Time Error, AGC, and Inadvertent](#)). NERC expects this project to start in second quarter 2013. The NERC project may impact WEQ-006 Manual Time Error Correction and WEQ-007 Inadvertent Interchange Payback.
  - e) Develop complementary standards that align with NERC Project 2010-4 Demand Data. The NERC project may impact WEQ-015 Business Practices for Measurement and Verification of Wholesale Electricity Demand Response.
  - f) Coordinate with NERC on the functional model glossary revisions NERC [Project 2010-08 Functional Glossary Model Revisions](#). NERC expects this project to start in fourth quarter 2014. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms.
  - g) Coordinate with NERC on NERC Project 2012-05 ATC Revisions - Order 729. NERC expects this project to start in third quarter 2014. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.
  - h) Coordinate with NERC on NERC Project 2012-08 Glossary Updates. NERC has not established a start date for this project. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms
  - i) Coordinate with NERC on NERC Project 2012-09 IRO Review. NERC has not established a start date for this project. The NERC project may impact WEQ-008 Transmission Loading Relief – Eastern Interconnection Standards.
  - j) Coordinate with NERC on NERC Project 2012-15 Flow Limited Paths. NERC has not established a start date for this project. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.
2. **Gas/Electric Coordination**
  - a) Review and develop standards as needed and requested based on the National Petroleum Council (NPC) findings as communicated by the NAESB Board of Directors, government agencies or reliability organizations, as applicable. (9-15-11 NPC Report: [Transmittal Letter, Preface, and Executive Summary](#), Ch 1: [Resource and Supply](#), Ch 2: [Operations and Environment](#), Ch 3: [Demand](#), Ch 4: [Carbon and Other End-Use Emissions](#), Ch 5: [Macroeconomics](#), Ap A: [Request Letters, Description of the NPC, and NPC membership roster](#), Ap B: [Study Group Rosters](#), Ap C: [Additional Materials Available Electronically](#))
  - b) Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.

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**PROVISIONAL ITEMS**

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3. **Optional work to extend existing standards**

- a) Prepare recommendations for future path for TLR<sup>8</sup> (Phase 2) in concert with NERC, which may include alternative congestion management procedures<sup>9</sup>. 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.
- c) Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](#) - Paragraph 805)<sup>10</sup>.

4. **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](#))
- d) Develop standards as needed in support of Variable Energy Resources (VERs) final order (RM10-11-000). ([NAESB Comments 3-2-11](#), [FERC NOPR RM10-11-000](#), [FERC Final Order No. 764](#), [Docket No. RM10-11-000](#)<sup>11</sup>)

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<sup>8</sup> Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1.”

<sup>9</sup> For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: [http://www.naesb.org/pdf3/weq\\_apan102907w1.pdf](http://www.naesb.org/pdf3/weq_apan102907w1.pdf).

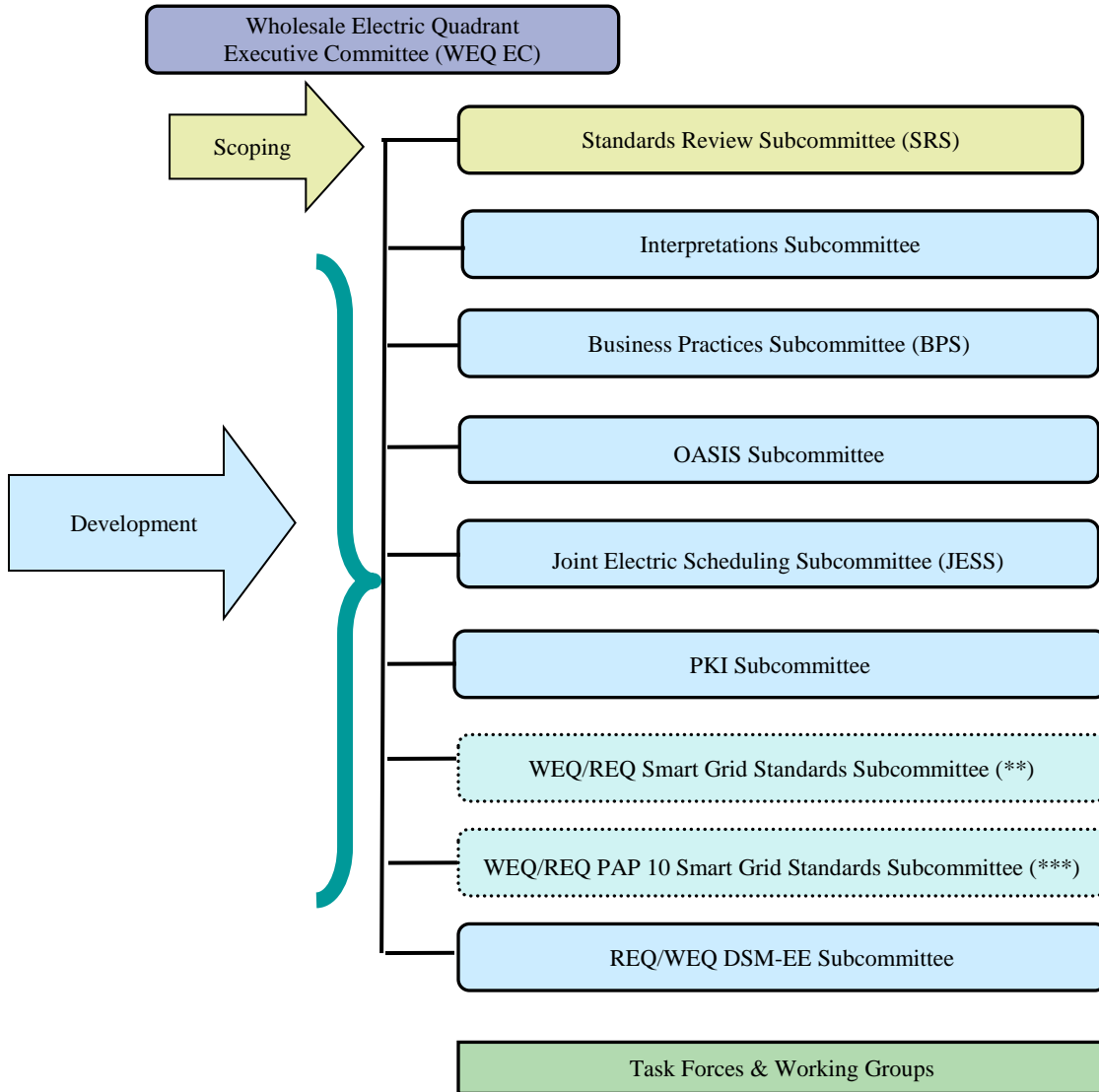
<sup>10</sup> 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

<sup>11</sup> 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.**

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



Appendix I: 2012 Wholesale Electric Quadrant Annual Plan

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

Executive Committee (EC): Kathy York (Chair) and James Castle (Vice Chair)

Standards Review Subcommittee (SRS): Narinder Saini, Ed Skiba

Interpretations Subcommittee: Ed Skiba

Business Practices Subcommittee (BPS) & Time and Inadvertent Management Task Force (TIMTF): Ed Skiba, Narinder Saini

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

Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Clint Aymond (NERC)

Demand Side Management-Energy Efficiency (DSM-EE) REQ/WEQ Subcommittee: Ruth Kiselewich (Retail), Roy True and Paul Wattles (WEQ)

Public Key Infrastructure (PKI) Subcommittee: Jim Buccigross

Inactive Subcommittees:

e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Jane Daly (WEQ), 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 REQ ECs. The group is chaired by Joe Zhou, Wayne Longcore and Robert Burke.

(\*\*\*) 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 REQECs. The group is chaired by Phil Precht, Cathy Wesley, Sharon Dinges, David Kaufman, Brad Ramsay, Tobin Richardson and Ed Koch.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|---|-------------------------|-------------------------|
| <b>1 Develop business practices standards as needed to complement reliability standards</b>   |                         |                         |
| Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:   |                         |                         |
| a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution <sup>1</sup><br>Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group.<br>Status: Started   | 1 <sup>st</sup> Q, 2014 | BPS                     |
| b) Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation. <sup>2</sup><br>Status: Started  | 1 <sup>st</sup> Q, 2014 | BPS                     |
| c) Disturbance Control Standard (DCS) (BAL-002) Coordination with NERC <a href="#">Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves</a><br>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. ( <a href="#">R11020</a> )<br>Status: Started  | 1 <sup>st</sup> Q, 2014 | BPS                     |
| e) Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (NERC <a href="#">Project 2009-05 Resource Adequacy Assessments</a> ).<br>Status: Complete (Retired by NERC)  | 2 <sup>nd</sup> Q, 2013 | BPS                     |
| f) Develop, modify or delete business practices to support Time Error, Automatic Generation Control (AGC), and Inadvertent Accounting (BAL-005, and BAL-006) (NERC <a href="#">Project 2010-14.2 Phase 2 of Balancing Authority Reliability-based Controls: Time Error, AGC, and Inadvertent</a> ). The NERC project may impact WEQ-006 Manual Time Error Correction and WEQ-007 Inadvertent Interchange Payback.<br>Status: Complete (Retired by NERC) | 2 <sup>nd</sup> Q, 2013 | BPS                     |
| g) Coordinate with NERC on changes to the definition of Bulk Electric System NERC <a href="#">Project 2010-17 Definition of Bulk Electric System</a> (Phase 2).<br>Status: <a href="#">Not started. Dependent on NERC completing its project.</a>   | 2013                    | SRS                     |
| h) Develop complementary standards that align with NERC Project 2013-04 (formerly NERC <a href="#">Project 2008-01 Voltage and Reactive Planning and Control</a> ). A SAR was finalized in April 2011.<br>Status: Not Started   | TBD                     | BPS                     |

<sup>1</sup> See AP Item 3.iv., Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization

<sup>2</sup> In some sections of WEQ 008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

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|          | <b>Item Description</b>  | <b>Completion<sup>1</sup></b> | <b>Assignment<sup>2</sup></b> |
|----------|--|-------------------------------|-------------------------------|
| i)       | Develop complementary standards that align with <a href="#">NERC Project 2010-4 Demand Data</a> . The NERC project may impact WEQ-015 Business Practices for Measurement and Verification of Wholesale Electricity Demand Response.<br>Status: Not Started   | TBD                           | DSM/EE                        |
| j)       | Coordinate with NERC on the functional model glossary revisions NERC <a href="#">Project 2010-08 Functional Glossary Model Revisions</a> . The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms.<br>Status: Not Started  | TBD                           | SRS                           |
| k)       | Coordinate with NERC on NERC Project 2012-05 ATC Revisions - Order 729. The NERC project may impact the WEQ-001 Open Access Same-Time Information Systems (OASIS) Standards, WEQ-002 OASIS Standards and Communication Protocol (S&CP), WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary, and WEQ-013 OASIS Implementation Guide.<br>Status: Not Started <sup>3</sup>   | TBD                           | TBD                           |
| l)       | Coordinate with NERC on NERC Project 2012-08 Glossary Updates. The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms<br>Status: Not Started (NERC completed Phase 1 which does not impact NAESB standards; awaiting NERC movement on next phase.)   | TBD                           | SRS                           |
| m)       | Coordinate with NERC on NERC Project 2012-09 IRO Review. The NERC project may impact WEQ-008 Transmission Loading Relief – Eastern Interconnection Standards.<br>Status: Not Started   | TBD                           | BPS                           |
| n)       | Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-1)<br>Status: Not Started   | TBD                           | BPS                           |
| <b>2</b> | <b>Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)<sup>4</sup></b>  |                               |                               |
| a)       | Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers.<br>Status: Underway<br>Request R050004 was expanded to include the <a href="#">Order No. 890 (Docket Nos. RM05-17-000 and RM02-25-000)</a> , <a href="#">(Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002))</a> , and <a href="#">Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)</a> “Preventing Undue Discrimination and Preference in Transmission Services” |                               |                               |
| i)       | Group 4: Pre-Emption; Request No. <a href="#">R05019</a>   |                               |                               |
|          | 3. Pre-Emption<br>Status: Started  | 2 <sup>nd</sup> Q, 2014       | OASIS                         |
|          | 4. Request No. <a href="#">R05019</a><br>Status: Started   | 2 <sup>nd</sup> Q, 2014       | OASIS                         |

<sup>3</sup> This item will be addressed if NERC Project 2012-05 is approved by their Board of Trustees as currently proposed and a request is submitted to NAESB. The NERC standards authorization request for this project can be found through the following hyperlink:  
[http://www.nerc.com/pa/Stand/Project%20201205%20MOD%20A%20%20Available%20Transfer%20Capabilit/MOD\\_A\\_Standards\\_Authorization\\_Request\\_CLEAN\\_10042013.pdf](http://www.nerc.com/pa/Stand/Project%20201205%20MOD%20A%20%20Available%20Transfer%20Capabilit/MOD_A_Standards_Authorization_Request_CLEAN_10042013.pdf).

<sup>4</sup> FERC Order No. 890, issued February 16, 2007 can be accessed from the following link -  
[http://www.naesb.org/doc\\_view4.asp?doc=ferc021607.doc](http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc)

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| Item Description  | Completion <sup>1</sup>                    | Assignment <sup>2</sup> |
|---|--|-------------------------|
| ii) Group 6: Miscellaneous (Paragraph 1627 <sup>5</sup> of FERC Order No. 890)  |  |                         |
| 3) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments<br>Status: Not Started  | TBD<br>(follows the completion of AP 1(a)) | OASIS                   |
| 4) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.<br>Status: Not Started   | TBD<br>(follows the completion of AP 1(a)) | OASIS                   |
| <b>3 Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>  |  |                         |
| a) 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 ( <a href="#">R05026</a> ).<br>Scoping <a href="#">statement</a> completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below: |  |                         |
| 1) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted<br>Status: Not Started  | TBD  | OASIS                   |
| 2) Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information.<br>Status: Underway (upon further development of this item by NAESB, a completion date will be determined)         | TBD  | OASIS                   |
| 3) 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.<br>Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)                             | TBD  | OASIS                   |

<sup>5</sup> Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider’s own retail loads), and the duration of the curtailment. This information is in addition to the Commission’s existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission’s Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider’s system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|---|-------------------------|-------------------------|
| ii) Review and correct WEQ-004 Coordinate Interchange Business Practice Standard as needed based on activities in NERC <a href="#">Project 2008-12, Coordinate Interchange Standards Revisions</a> and supporting EOP-002-2 R4 and R6. <sup>6</sup><br>Status: Underway. Completion date dependent upon coordination activities with NERC, and Project 2008-12. | 3 <sup>rd</sup> Q, 2014 | JESS                    |
| iii) Develop standards to support interchange scheduling in 15 minute intervals per FERC Order No. 764 ( <a href="#">R12010</a> )<br>Status: Complete   | 1 <sup>st</sup> Q, 2013 | JESS                    |
| 1) Update timing requirements for WECC table – WEQ-004 Appendix D<br>Status: Complete   | 3 <sup>rd</sup> Q, 2013 | JESS                    |
| 2) Update standards that support default ramp duration for Eastern and Western Interconnection<br>Status: Complete  | 3 <sup>rd</sup> Q, 2013 | JESS                    |
| b) Review e-Tag specifications and make modifications as needed for:  |                         |                         |
| i) Supporting Network Integration Transmission Service standards<br>Status: Underway – Original recommendation remanded to JESS on 4/30/2013  | 3 <sup>rd</sup> Q, 2014 | JESS                    |
| ii) Consistency and clarifications<br>Status: Underway – Original recommendation remanded to JESS on 4/30/2013  | 3 <sup>rd</sup> Q, 2014 | JESS                    |
| iii) Regional Implementations supporting WECC efforts (probably of most impact to the appendices in the e-Tag specifications)<br>Status: Underway – Original recommendation remanded to JESS on 4/30/2013   | 3 <sup>rd</sup> Q, 2014 | JESS                    |
| iv) Revise both the WEQ-004 business practice standards and the e-Tag Specification to allow registered Market Operators to be specified in e-Tag roles that better reflect their participation in Tagged Transactions ( <a href="#">R13004</a> )<br>Status: Underway   | 4 <sup>th</sup> Q, 2013 | JESS                    |
| c) Requirements for OASIS to use data in the Electric Industry Registry ( <a href="#">R12001</a> )<br>Status: Not Started   | TBD                     | OASIS                   |
| d) Develop Electric Industry Registry Business Practice Standards<br>Status: Complete   | 3 <sup>rd</sup> Q, 2013 | JESS                    |

<sup>6</sup> See AP Item 1.a.iv, Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization.



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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup>          |
|---|-------------------------|----------------------------------|
| <b>4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.</b>  |                         |                                  |
| a) Develop modifications for WEQ-012 as needed to reflect current market conditions   |                         |                                  |
| i) Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: <a href="#">US-Cert Vulnerability Note VU#864643</a> )<br>Status: Not Started   | TBD                     | Cybersecurity Subcommittee       |
| ii) Review the FERC Report, "Report on Use of North American Energy Standards Board Public Key Infrastructure Standards," Docket No. EL12-86-000, issued on August 27, 2012, to determine which standards changes are needed to be responsive to suggestions made by the Commission. <sup>7</sup><br>Status: Complete   | 2 <sup>nd</sup> Q, 2013 | Cybersecurity Subcommittee       |
| iii) Review annually at a minimum, the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. <sup>8</sup><br>Status: Underway   | 1 <sup>st</sup> Q, 2014 | Cybersecurity Subcommittee       |
| b) Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specifications<br>Status: Not Started   | TBD                     | Cybersecurity Subcommittee/JES S |
| <b>5 Maintain existing body of Version 3.x standards</b>  |                         |                                  |
| a) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the "System_Attribute" data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. ( <a href="#">R08011</a> )<br>Status: Underway   | TBD                     | OASIS                            |
| b) Correct WEQ 013-2.6.7.2. – Resale off OASIS ( <a href="#">R08027</a> )<br>Status: Not Started  | TBD                     | OASIS                            |
| c) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> )<br>Status: Started   | 2 <sup>nd</sup> Q, 2014 | OASIS                            |
| d) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ( <a href="#">R09015</a> )<br>Status: Not Started   | TBD                     | OASIS                            |
| e) 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. ( <a href="#">R12006</a> )<br>Status: Not Started | TBD                     | OASIS                            |

<sup>7</sup> The FERC Report may be found at: <http://www.ferc.gov/EventCalendar/Files/20120827175825-EL12-86-000.pdf>

<sup>8</sup> The "NAESB Accreditation Requirements for Authorized Certification Authorities" can be found at: [http://www.naesb.org/pdf4/certification\\_specifications.docx](http://www.naesb.org/pdf4/certification_specifications.docx)

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| <b>Item Description</b>  | <b>Completion<sup>1</sup></b> | <b>Assignment<sup>2</sup></b> |
|--|-------------------------------|-------------------------------|
| <b>6. Develop or modify standards to Support <a href="#">FERC Order No. 676-E</a>, (Docket No. RM 05-5-013)</b>  |                               |                               |
| a) Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72 <sup>9</sup> )<br>Status: Not Started | TBD                           | OASIS                         |

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<sup>9</sup> 72. However, we reiterate here the Commission's finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider's extension of its right to perform a reassessment

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**PROVISIONAL ITEMS**

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- 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.
  - b) As provided for the GEH Report approved by the Board of Directors on September 20, 2012, (<http://www.naesb.org/pdf4/bd092012a1.pdf>), which was initiated by the NPC Report<sup>10</sup>, review and develop standards or modify existing standards as needed for market timelines and coordination of scheduling.
  - c) As provided for the GEH Report approved by the Board of Directors on September 20, 2012, (<http://www.naesb.org/pdf4/bd092012a1.pdf>), which was initiated by the NPC Report<sup>11</sup>, review and develop standards or modify existing standards as needed for flexibility in scheduling.
  - d) As provided for the GEH Report approved by the Board of Directors on September 20, 2012, (<http://www.naesb.org/pdf4/bd092012a1.pdf>), which was initiated by the NPC Report<sup>12</sup>, review and develop standards or modify existing standards as needed for provision of information.
- 2 **Optional work to extend existing standards**
  - a) Prepare recommendations for future path for TLR<sup>13</sup> (Phase 2) in concert with NERC, which may include alternative congestion management procedures<sup>14</sup>. Work on this activity is dependent on completing 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.
  - c) Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](#) - Paragraph 805)<sup>15</sup>.
- 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](#))
  - d) Develop standards as needed in support of Variable Energy Resources (VERs) final order (RM10-11-000). ([NAESB Comments 3-2-11](#), [FERC NOPR RM10-11-000](#), [FERC Final Order No. 764](#), [Docket No. RM10-11-000](#))<sup>16</sup>

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<sup>10</sup> Review and develop standards as needed and requested based on the National Petroleum Council (NPC) findings as communicated by the NAESB Board of Directors, government agencies or reliability organizations, as applicable. (9-15-11 NPC Report: <http://www.npc.org/NARD-ExecSummVol.pdf>)

<sup>11</sup> Id.

<sup>12</sup> Id.

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

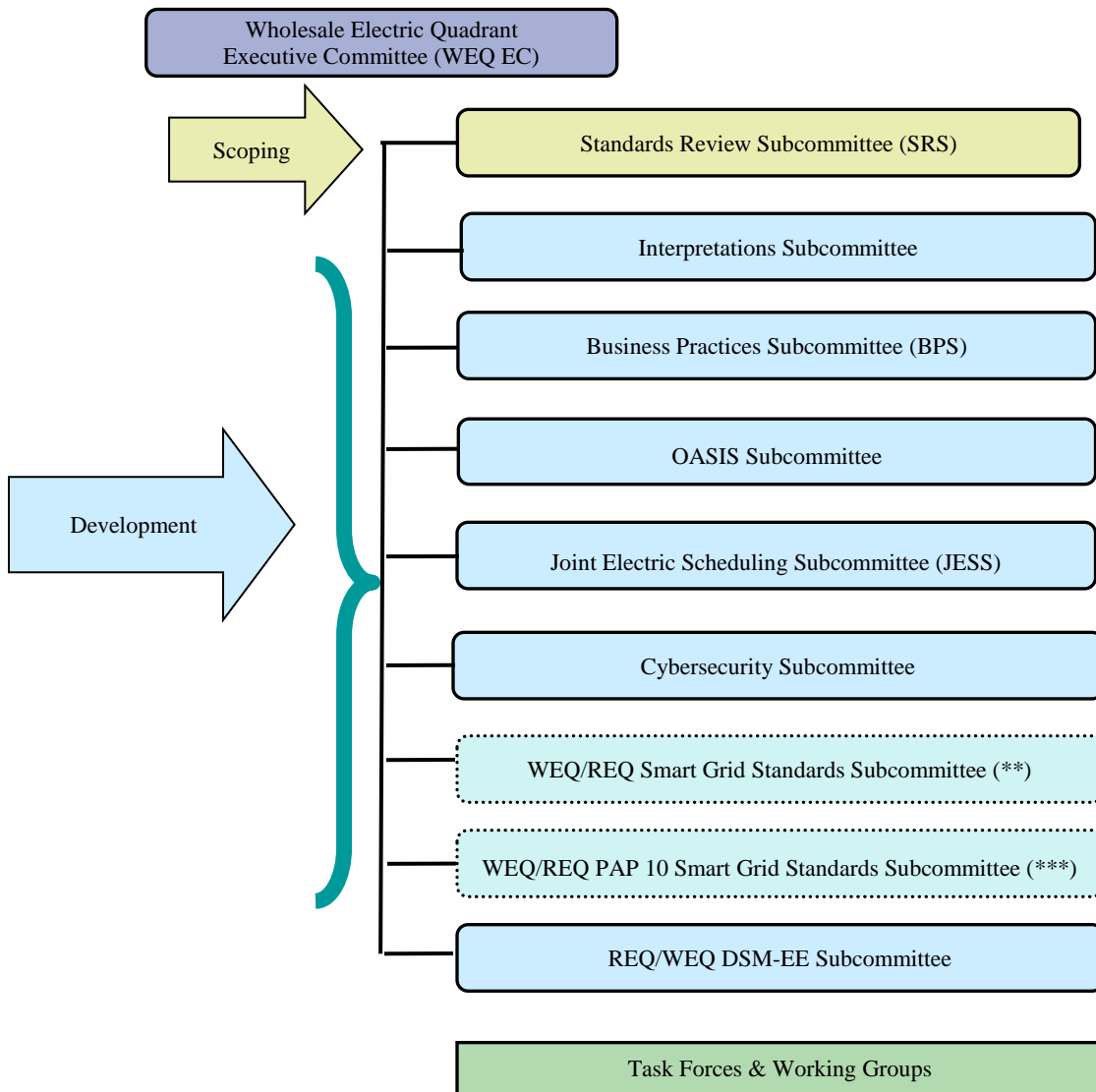
<sup>14</sup> For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: [http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

<sup>15</sup> 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

<sup>16</sup> 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

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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.

Appendix J: 2013 Wholesale Electric Quadrant Annual Plan

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

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

Standards Review Subcommittee (SRS): Narinder Saini, Marie Knox

Interpretations Subcommittee: Ed Skiba

Business Practices Subcommittee (BPS) & Time and Inadvertent Management Task Force (TIMTF): Ed Skiba, Narinder Saini

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

Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Joshua Phillips (NERC)

Cybersecurity Subcommittee: Jim Buccigross

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

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 REQ 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 REQECs.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|---|-------------------------|-------------------------|
| <b>1. Develop business practices standards as needed to complement reliability standards</b>  |                         |                         |
| Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are: |                         |                         |
| a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution <sup>1</sup><br>Note: Consideration should be given to provisional item 2.a. Work is being coordinated with the IDC Association.<br>Status: Pending EC Action  | TBD                     | BPS                     |
| b) Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation. <sup>2</sup><br>Status: Pending EC Action  | TBD                     | BPS                     |
| c) Disturbance Control Standard (DCS) (BAL-002) Coordination with NERC <a href="#">Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves</a><br>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. ( <a href="#">R11020</a> )<br>Status: Pending EC Action  | TBD                     | BPS                     |
| e) Coordinate with NERC on changes to the definition of Bulk Electric System NERC <a href="#">Project 2010-17 Definition of Bulk Electric System</a> (Phase 2).<br>Status: <a href="#">Complete</a>   | 1 <sup>st</sup> Q, 2014 | SRS                     |
| f) Develop complementary standards that align with NERC <a href="#">Project 2013-04</a> Voltage and Reactive Planning and Control (formerly <a href="#">Project 2008-01</a> and now rolled into Project 2013-04).<br>Status: Complete   | 3 <sup>rd</sup> Q, 2014 | BPS                     |
| g) Develop complementary standards that align with NERC <a href="#">Project 2010-04 Demand Data (MOD C)</a> . The NERC project may impact WEQ-015 Business Practices for Measurement and Verification of Wholesale Electricity Demand Response.<br>Status: Complete   | 3 <sup>rd</sup> Q, 2014 | DSM-EE                  |
| h) Develop, modify or delete business practice standards to support request <a href="#">R14002</a> (NERC <a href="#">Project 2012-05 ATC Revisions (MOD A)</a> ). <sup>3</sup><br>Status: Started   | 2 <sup>nd</sup> Q, 2015 | BPS                     |
| i) Coordinate with NERC on NERC <a href="#">Project 2012-08 Glossary Updates</a> . The NERC project may impact WEQ-000 Abbreviations, Acronyms, and Definition of Terms<br>Status: Complete   | 1 <sup>st</sup> Q, 2014 | SRS                     |

<sup>1</sup> See AP Item 3.iv. Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization.

<sup>2</sup> In some sections of WEQ-008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

<sup>3</sup>The FERC NOPR issued June 19, 2014, available at the following link: <http://www.ferc.gov/whats-new/comm-meet/2014/061914/E-17.pdf>.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|---|-------------------------|-------------------------|
| j) Coordinate with NERC on NERC <a href="#">Project 2012-09 IRO Review</a> . The NERC project may impact WEQ-008 Transmission Loading Relief – Eastern Interconnection Standards.<br>Status: Not Started  | TBD                     | BPS                     |
| k) Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-0)<br>Status: Not Started   | TBD                     | BPS                     |
| <b>2. Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)<sup>4</sup></b>  |                         |                         |
| a) Develop version 3 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers.<br>Status: Underway<br>Request R05004 was expanded to include the <a href="#">Order No. 890 (Docket Nos. RM05-17-000 and RM02-25-000)</a> , ( <a href="#">Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002)</a> ), and <a href="#">Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)</a> “Preventing Undue Discrimination and Preference in Transmission Services” |                         |                         |
| i) 5. Group 4: Preemption; Request No. <a href="#">R05019 (Part of Preemption and Competition)</a><br>Status: Started   | 2015                    | OASIS                   |
| ii) Group 6: Miscellaneous (Paragraph 1627 <sup>5</sup> of FERC Order No. 890)  |                         |                         |
| 5) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments<br>Status: Not Started  | TBD                     | OASIS                   |
| 6) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.<br>Status: Not Started   | TBD                     | OASIS                   |
| <b>3. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>   |                         |                         |
| a) 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 ( <a href="#">R05026</a> ).<br>Scoping <a href="#">statement</a> completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below:   |                         |                         |

<sup>4</sup> FERC Order No. 890, issued February 16, 2007, can be accessed from the following link:  
[http://www.naesb.org/doc\\_view4.asp?doc=ferc021607.doc](http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc).

<sup>5</sup> Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider’s own retail loads), and the duration of the curtailment. This information is in addition to the Commission’s existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission’s Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider’s system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup>    |
|---|-------------------------|----------------------------|
| 1) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted<br>Status: Not Started  | TBD                     | OASIS                      |
| 2) Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information.<br>Status: Underway (upon further development of this item by NAESB, a completion date will be determined) | TBD                     | OASIS                      |
| 3) 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.<br>Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)                     | TBD                     | OASIS                      |
| ii) Review and correct WEQ-004 Coordinate Interchange Business Practice Standard as needed based on activities in NERC <a href="#">Project 2008-12, Coordinate Interchange Standards Revisions</a> and supporting EOP-002-2 R4 and R6. <sup>6</sup><br>Status: Complete   | 3 <sup>rd</sup> Q, 2014 | CISS                       |
| b) Review e-Tag specifications and make modifications as needed for:  |                         |                            |
| i) Supporting Network Integration Transmission Service standards<br>Status: Complete  | 1 <sup>st</sup> Q, 2014 | CISS                       |
| ii) Consistency and clarifications<br>Status: Complete  | 1 <sup>st</sup> Q, 2014 | CISS                       |
| iii) Regional Implementations supporting WECC efforts (probably of most impact to the appendices in the e-Tag specifications)<br>Status: Complete   | 1 <sup>st</sup> Q, 2014 | CISS                       |
| c) Requirements for OASIS to use data in the Electric Industry Registry ( <a href="#">R12001</a> )<br>Status: Not Started   | TBD                     | OASIS                      |
| <b>4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.</b>  |                         |                            |
| a) Develop modifications for WEQ-012 as needed to reflect current market conditions   |                         |                            |
| i) Review and develop standards as needed to support adequate session encryption (SSL/TLS issues: <a href="#">US-Cert Vulnerability Note VU#864643</a> )<br>Status: Complete  | 1 <sup>st</sup> Q, 2014 | Cybersecurity Subcommittee |
| ii) Review annually at a minimum, the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. <sup>7</sup><br>Status: Complete  | 4 <sup>th</sup> Q, 2013 | Cybersecurity Subcommittee |

<sup>6</sup> See AP Item 1.a.iv. Completion dates may be revisited contingent upon NERC-NAESB coordination of implementation related to parallel flow visualization.

<sup>7</sup> The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: [http://www.naesb.org/member\\_login\\_check.asp?doc=certification\\_specifications.docx](http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx).



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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup>                |
|---|-------------------------|--|
| b) Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specifications<br>Status: Not Started   | TBD                     | Cybersecurity<br>Subcommittee/<br>CISS |
| <b>5. Maintain existing body of Version 3.x standards</b>   |                         |  |
| a) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. ( <a href="#">R08011</a> )<br>Status: Underway   | 2015                    | OASIS                                  |
| b) Correct WEQ 013-2.6.7.2. – Resale off OASIS ( <a href="#">R08027</a> )<br>Status: Not Started  | TBD                     | OASIS                                  |
| c) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> )<br>Status: Started   | 2015                    | OASIS                                  |
| d) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ( <a href="#">R09015</a> )<br>Status: Not Started   | TBD                     | OASIS                                  |
| e) 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. ( <a href="#">R12006</a> )<br>Status: Not Started | TBD                     | OASIS                                  |
| <b>6. Develop or modify standards to Support <a href="#">FERC Order No. 676-E</a>, (Docket No. RM 05-5-013)</b>   |                         |  |
| a) Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72 <sup>8</sup> )<br>Status: Not Started  | TBD                     | OASIS                                  |
| <b>7. Develop or modify standards to Support <a href="#">FERC Order No. 676-H</a> (Docket No. RM05-5-022)</b>   |                         |  |
| a) Consistent with FERC Order Nos. 890 and 676-H, modify 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 narratives. (See ¶ 29).<br>Status: Not Started  | TBD                     | OASIS                                  |
| b) Modify NAESB standards WEQ-001-9.5, WEQ-001-10.5, and related standards to be consistent with the Commission’s policy in <i>Dynegy Power Marketing, Inc.</i> , 99 FERC ¶ 61,054 (2002) and <i>Entergy Services, Inc.</i> , 137 FERC ¶ 61,199 (2011), <i>order on reh’g and compliance</i> , 143 FERC ¶ 61,143 (2013). (See ¶ 49).<br>Status: Started   | 2015                    | OASIS                                  |
| c) Revise 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. (See ¶ 59).<br>Status: Not Started  | 2015                    | OASIS                                  |

<sup>8</sup> 72. However, we reiterate here the Commission’s finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider’s extension of its right to perform a reassessment.

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| Item Description   | Completion <sup>1</sup> | Assignment <sup>2</sup>                                      |
|--|-------------------------|--|
| d) Consider Bonneville Power Administration comment concerning the treatment of a conditional point-to-point reservation included in a coordinated group when displaced through preemption. (See ¶ 65).<br>Not Started   | 2015                    | OASIS  |
| <b>8. DSM-EE Certification Program</b>   |                         |  |
| a) Develop a specification for energy efficiency products and services to support a certification program.<br>Status: Complete   | 4 <sup>th</sup> Q, 2013 | DSM-EE   |
| b) Develop a specification for demand response products and services to support a certification program.<br>Status: Complete   | 3 <sup>rd</sup> Q, 2014 | DSM-EE   |
| <b>9. Gas/Electric Coordination</b>  |                         |  |
| a) As provided for the GEH Report approved by the Board of Directors on September 20, 2012, ( <a href="http://www.naesb.org/pdf4/bd092012a1.pdf">http://www.naesb.org/pdf4/bd092012a1.pdf</a> ), which was initiated by the NPC Report <sup>9</sup> , review and provide direction to develop standards or modify existing standards as needed for market timelines and coordination of scheduling.<br>Status: Closed. | 3 <sup>rd</sup> Q, 2014 | Gas-Electric Harmonization Committee & Forum, WEQ EC, WGQ EC |
| b) As provided for the GEH Report approved by the Board of Directors on September 20, 2012, ( <a href="http://www.naesb.org/pdf4/bd092012a1.pdf">http://www.naesb.org/pdf4/bd092012a1.pdf</a> ), which was initiated by the NPC Report <sup>10</sup> , review and provide direction to develop standards or modify existing standards as needed for flexibility in scheduling.<br>Status: Closed.                      | 3 <sup>rd</sup> Q, 2014 | Gas-Electric Harmonization Committee & Forum, WEQ EC, WGQ EC |
| c) As provided for the GEH Report approved by the Board of Directors on September 20, 2012, ( <a href="http://www.naesb.org/pdf4/bd092012a1.pdf">http://www.naesb.org/pdf4/bd092012a1.pdf</a> ), which was initiated by the NPC Report <sup>11</sup> , review and provide direction to develop standards or modify existing standards as needed for provision of information.<br>Status: .Closed.                      | 3 <sup>rd</sup> Q, 2014 | Gas-Electric Harmonization Committee & Forum, WEQ EC, WGQ EC |

<sup>9</sup> Review and develop standards as needed and requested based on the National Petroleum Council (NPC) findings as communicated by the NAESB Board of Directors, government agencies or reliability organizations, as applicable. (9-15-11 NPC Report: <http://www.npc.org/NARD-ExecSummVol.pdf>)

<sup>10</sup> Id.

<sup>11</sup> Id.

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**PROVISIONAL ITEMS**

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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<sup>12</sup> (Phase 2) in concert with NERC, which may include alternative congestion management procedures<sup>13</sup>. 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.
    - c) Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](#) - Paragraph 805)<sup>14</sup>.
  
  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](#))
    - d) Develop standards as needed in support of Variable Energy Resources (VERs) final order (RM10-11-000). ([NAESB Comments 3-2-11](#), [FERC NOPR RM10-11-000](#), [FERC Final Order No. 764](#), [Docket No. RM10-11-000](#))<sup>15</sup>
    - e) Develop and/or modify Demand Response Standards as needed in conformance with final D.C. Circuit ruling on FERC Order No. 745
- 

<sup>12</sup> Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1.

<sup>13</sup> For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: [http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

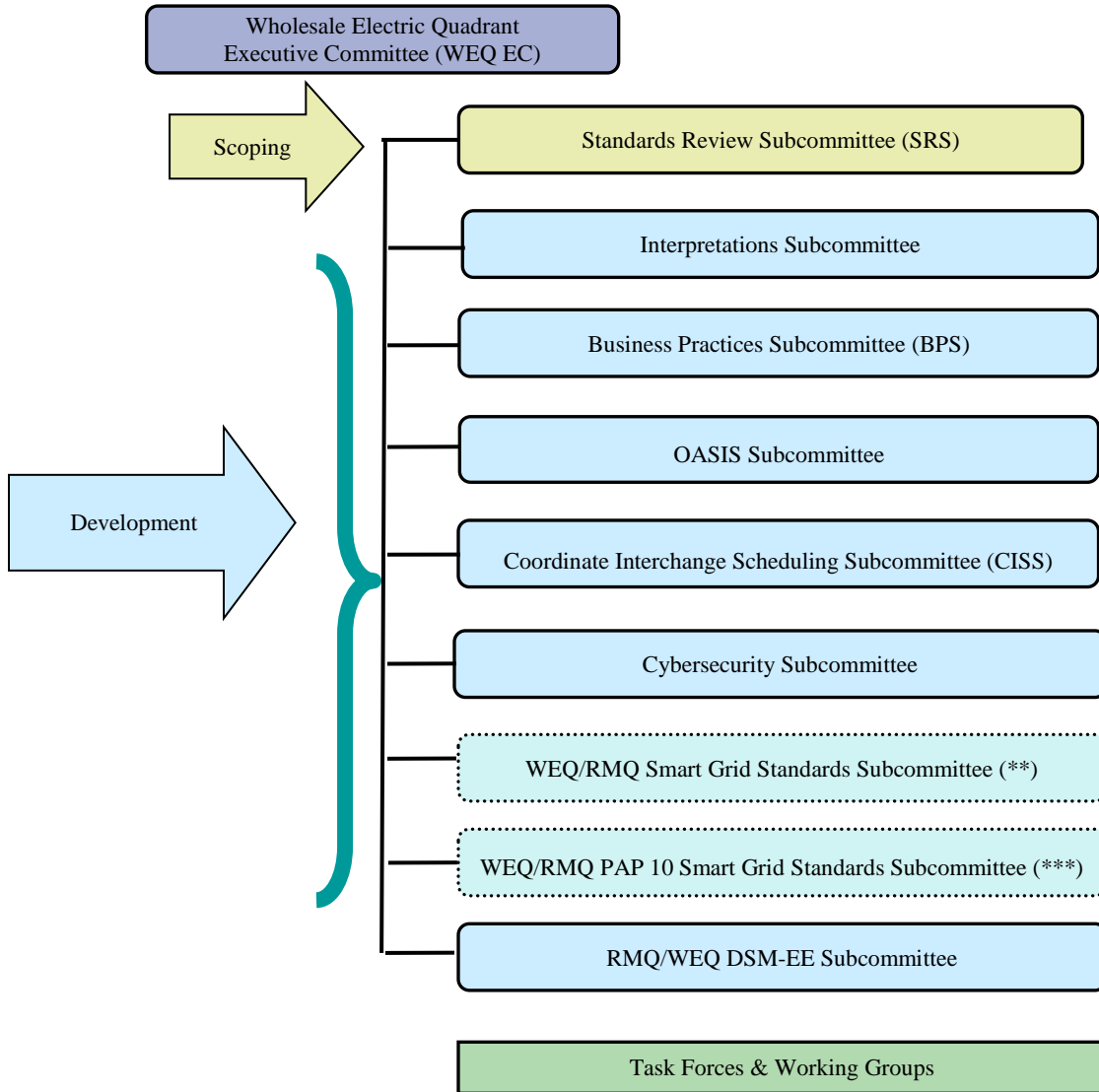
<sup>14</sup> 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

<sup>15</sup> 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.

### WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



Appendix K: 2014 Wholesale Electric Quadrant Annual Plan

**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 (NAESB), Joshua Phillips (NERC)

Cybersecurity Subcommittee: Jim Buccigross

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

**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

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup> |
|---|-------------------------|-------------------------|
| <b>1. Develop business practices standards as needed to complement reliability standards</b>  |                         |                         |
| Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:   |                         |                         |
| a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution <sup>1</sup><br>Note: Consideration should be given to provisional item 2.a. Work is being coordinated with the IDC Association.<br>Status: Full Staffing  | TBD                     | BPS                     |
| b) Perform consistency review of WEQ-008 Transmission Loading Relief Business Practice Standards and develop recommendation. <sup>2</sup><br>Status: Full Staffing  | TBD                     | BPS                     |
| c) Disturbance Control Standard (DCS) (BAL-002) Coordination with NERC <a href="#">Project 2010-14.1 Phase 1 of Balancing Authority Reliability-based Controls: Reserves</a><br>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. ( <a href="#">R11020</a> )<br>Status: Full Staffing  | TBD                     | BPS                     |
| e) Develop, modify or delete business practice standards to support request <a href="#">R14002</a> (NERC <a href="#">Project 2012-05 ATC Revisions (MOD A)</a> ). <sup>3</sup><br>Status: Completed   | 2 <sup>nd</sup> Q, 2015 | BPS                     |
| f) Develop, modify or delete business practices standards to support NERC activities related to NERC Time Error Correction (BAL-004-0)<br>Status: Monitor   | TBD                     | BPS/TIMTF               |
| <b>2. Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)<sup>4</sup></b>  |                         |                         |
| a) Develop version 3 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers.<br>Status: Underway<br>Request R05004 was expanded to include the <a href="#">Order No. 890 (Docket Nos. RM05-17-000 and RM02-25-000)</a> , ( <a href="#">Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002)</a> ), and <a href="#">Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03)</a> “Preventing Undue Discrimination and Preference in Transmission Services” |                         |                         |

<sup>2</sup> In some sections of WEQ-008 it appears that the standards are applicable to all of the Interconnections and other it appears that the standards are only applicable to the Eastern Interconnection. The title indicates the standards are applicable to the Eastern Interconnection.

<sup>3</sup>The FERC NOPR issued June 19, 2014, available at the following link: <http://www.ferc.gov/whats-new/comm-meet/2014/061914/E-17.pdf>.

<sup>4</sup> FERC Order No. 890, issued February 16, 2007, can be accessed from the following link: [http://www.naesb.org/doc\\_view4.asp?doc=ferc021607.doc](http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc).

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|           | <b>Item Description</b>  | <b>Completion<sup>1</sup></b> | <b>Assignment<sup>2</sup></b> |
|-----------|--|-------------------------------|-------------------------------|
| i)        | Group 4: Preemption; Request No. <a href="#">R05019 (Part of Preemption and Competition)</a>   |                               |                               |
|           | 1) Short-Term Firm Preemption and Competition<br>Status: Started   | 2016                          | OASIS                         |
|           | 2) Long-Term Firm Rollover Rights Competition (OATT Section 2.2)<br>Status: Started  | 2015                          | OASIS                         |
| ii)       | Group 6: Miscellaneous (Paragraph 1627 <sup>5</sup> of FERC Order No. 890)   |                               |                               |
|           | 7) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments<br>Status: Not Started   | TBD                           | OASIS/BPS                     |
|           | 8) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.<br>Status: Not Started  | TBD                           | OASIS/BPS                     |
| <b>3.</b> | <b>Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>   |                               |                               |
| a)        | 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 ( <a href="#">R05026</a> ).<br>Scoping <a href="#">statement</a> completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below: |                               |                               |
|           | 1) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted<br>Status: Completed   | 2 <sup>nd</sup> Q, 2015       | OASIS                         |
|           | 2) Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information.<br>Status: Completed  | 2 <sup>nd</sup> Q, 2015       | OASIS                         |
|           | 3) 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.<br>Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)                          | TBD                           | OASIS/BPS                     |

<sup>5</sup> Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider’s own retail loads), and the duration of the curtailment. This information is in addition to the Commission’s existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission’s Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider’s system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup>             |
|---|-------------------------|-------------------------------------|
| b) Requirements for OASIS to use data in the Electric Industry Registry ( <a href="#">R12001</a> )<br>Status: Not Started   | TBD                     | OASIS                               |
| <b>4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.</b>  |                         |                                     |
| 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. <sup>6</sup><br>Status: Started  | 2015                    | Cybersecurity Subcommittee          |
| b) Review WEQ standards for impact of XML vulnerability exploits and make modifications as needed to standards and functional specifications<br>Status: Started   | TBD                     | Cybersecurity Subcommittee/<br>CISS |
| c) Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards <sup>7</sup> and any other activities of the FERC related to cybersecurity.<br>Status: Started   | 2 <sup>nd</sup> Q, 2015 | Cybersecurity Subcommittee          |
| <b>5 Maintain existing body of Version 3.x standards</b>  |                         |                                     |
| a) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. ( <a href="#">R08011</a> )<br>Status: Completed  | 2 <sup>nd</sup> Q, 2015 | OASIS                               |
| b) Correct WEQ 013-2.6.7.2. – Resale off OASIS ( <a href="#">R08027</a> )<br>Status: Completed  | 2 <sup>nd</sup> Q, 2015 | OASIS                               |
| c) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> )<br>Status: Started   | 2016                    | OASIS                               |
| d) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ( <a href="#">R09015</a> )<br>Status: Started   | 2016                    | OASIS                               |
| e) 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. ( <a href="#">R12006</a> )<br>Status: Not Started | TBD                     | OASIS/BPS                           |
| f) Review and modify as necessary WEQ-004, EIR Business Practice Standards, e-Tag Specification, and e-Tag Schema to make the necessary modifications to recognize the Market Operator Role within the Electric Industry Registry<br>Status: Started  | 2015                    | CISS                                |

<sup>6</sup> The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: [http://www.naesb.org/member\\_login\\_check.asp?doc=certification\\_specifications.docx](http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx).

<sup>7</sup> <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>



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| Item Description  | Completion <sup>1</sup> | Assignment <sup>2</sup>  |
|---|-------------------------|--|
| <b>6. Develop or modify standards to Support <a href="#">FERC Order No. 676-E</a>, (Docket No. RM 05-5-013)</b>   |                         |  |
| a) Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72 <sup>8</sup> )<br>Status: Completed  | 2 <sup>nd</sup> Q, 2015 | OASIS  |
| <b>7. Develop or modify standards to Support <a href="#">FERC Order No. 676-H</a> (Docket No. RM05-5-022)</b>   |                         |  |
| a) Consistent with FERC Order Nos. 890 and 676-H, modify 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 narratives. (See ¶ 29).<br>Status: Completed  | 1 <sup>st</sup> Q, 2015 | OASIS  |
| b) Modify NAESB standards WEQ-001-9.5, WEQ-001-10.5, and related standards to be consistent with the Commission's policy in <i>Dynegy Power Marketing, Inc.</i> , 99 FERC ¶ 61,054 (2002) and <i>Entergy Services, Inc.</i> , 137 FERC ¶ 61,199 (2011), <i>order on reh'g and compliance</i> , 143 FERC ¶ 61,143 (2013), 148 FERC ¶ 61,209 (2014). (See ¶ 49).<br>Status: Completed   | 1 <sup>st</sup> Q, 2015 | OASIS  |
| c) Revise 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. (See ¶ 59).<br>Status: Completed  | 1 <sup>st</sup> Q, 2015 | OASIS  |
| d) Consider Bonneville Power Administration comment concerning the treatment of a conditional point-to-point reservation included in a coordinated group when displaced through preemption. (See ¶ 65).<br>Status: Completed  | 1 <sup>st</sup> Q, 2015 | OASIS  |
| <b>8. Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)<sup>9</sup></b>   |                         |  |
| a) Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms<br>Status: Not Started   | TBD                     | Joint WEQ/WGQ<br>FERC Forms<br>Subcommittee  |
| <b>9. Gas-Electric Coordination</b>   |                         |  |
| a) Review FERC Order No. 809 ¶ 107 issued in Docket No. RM14-2-000 <sup>10</sup> regarding computerized scheduling and provide recommended direction concerning the development of standards or modifications to existing standards as needed to support the request of the Commission <sup>11</sup> The recommended direction will require board approval, for both the timeline to be pursued and the framework for standards development<br>Status: Not Started, and <i>planning not to be started before 2016</i> | TBD                     | Gas-Electric<br>Harmonization<br>Forum, NAESB<br>Board of Directors,<br>WEQ EC & WGQ<br>EC |

<sup>8</sup> 72. However, we reiterate here the Commission's finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider's extension of its right to perform a reassessment.

<sup>9</sup> The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: [https://www.naesb.org/pdf4/ferc041615\\_electronic\\_filing\\_protocols\\_forms.pdf](https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf)

<sup>10</sup> FERC Order No. 809 can be found through the following hyperlink: <https://www.ferc.gov/whats-new/comm-meet/2015/041615/M-1.pdf>

<sup>11</sup> FERC Order No. 809 ¶107. While NAESB's modified standards represent an improvement over the currently effective standards, we continue to recognize that additional intraday nomination opportunities could promote more efficient use of existing pipeline infrastructure and provide

Appendix L: 2015 Wholesale Electric Quadrant Annual Plan

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| <b>Item Description</b>  | <b>Completion<sup>1</sup></b> | <b>Assignment<sup>2</sup></b>     |
|--|-------------------------------|-----------------------------------|
| 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<br>Status: Not Started, dependent on completion of item 9(a). | TBD                           | WEQ EC and relevant subcommittees |

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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.

**NORTH AMERICAN ENERGY STANDARDS BOARD  
2015 ANNUAL PLAN for the WHOLESale ELECTRIC QUADRANT  
As Proposed by the WEQ Annual Plan Subcommittee**

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**PROVISIONAL ITEMS**

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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<sup>12</sup> (Phase 2) in concert with NERC, which may include alternative congestion management procedures<sup>13</sup>. 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](#))
    - d) Develop standards as needed in support of Variable Energy Resources (VERs) final order (RM10-11-000). ([NAESB Comments 3-2-11](#), [FERC NOPR RM10-11-000](#), [FERC Final Order No. 764](#), [Docket No. RM10-11-000](#)<sup>14</sup>)
    - 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
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<sup>12</sup> Phase 2 of the Parallel Flow Visualization looks at developing options for and reporting of the most cost effective alternatives to achieve curtail obligations assigned during Phase 1.

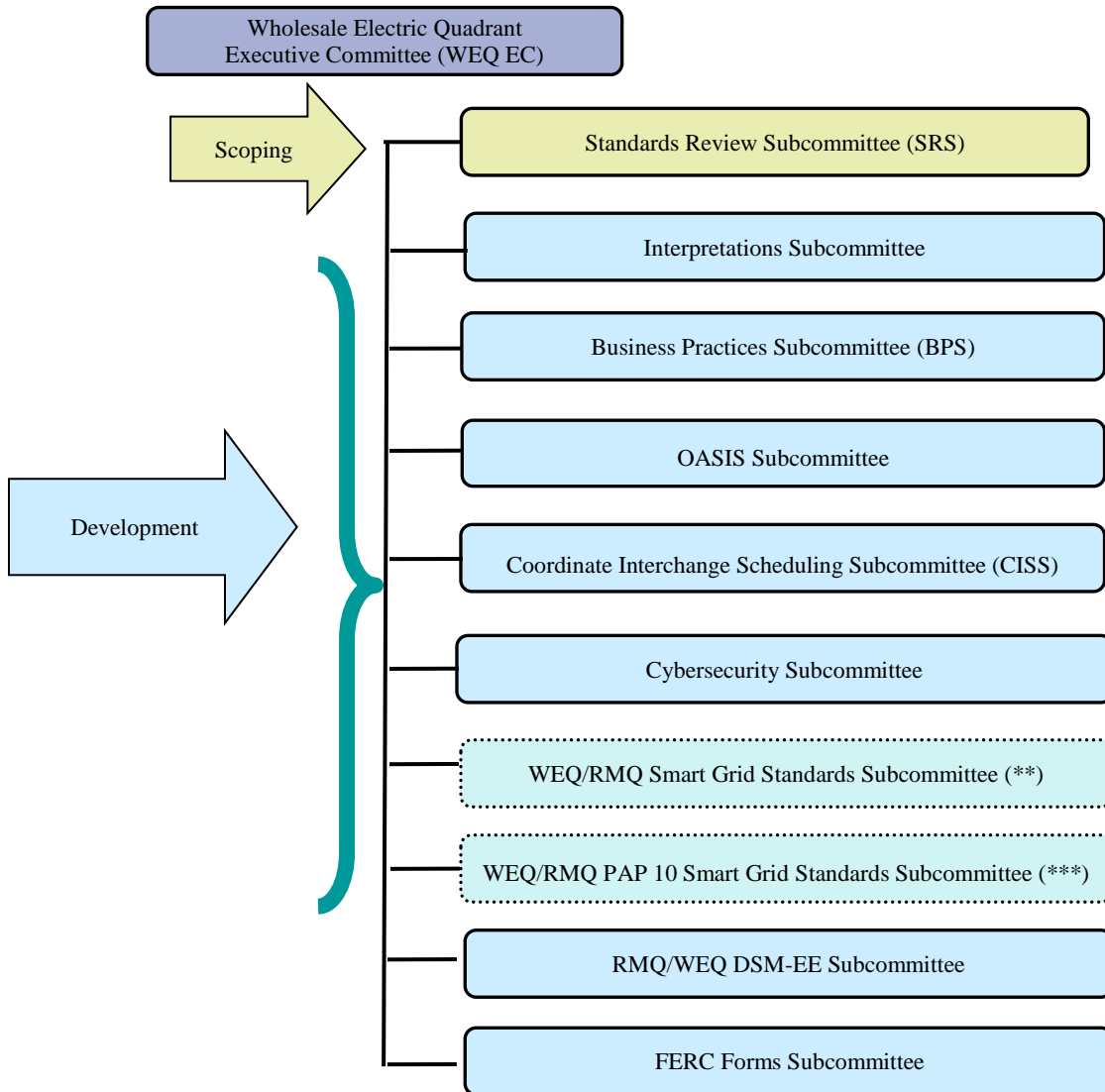
<sup>13</sup> For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item:  
[http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

<sup>14</sup> 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.

### WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



Appendix L: 2015 Wholesale Electric Quadrant Annual Plan

**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)

**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.

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**End Notes WEQ 2012 Annual Plan:**

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>2</sup> The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

**End Notes WEQ 2013 Annual Plan:**

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>2</sup> The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

**End Notes WEQ 2014 Annual Plan:**

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>2</sup> The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

**End Notes WEQ 2015 Annual Plan:**

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>2</sup> The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.