



NORTH AMERICAN ENERGY STANDARDS BOARD

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July 31, 2023
Filed Electronically

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

RE: Standards for Business Practices and Communication Protocols for Public Utilities (Docket No. RM05-5-
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Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") voluntarily submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding Version 004 of the NAESB Wholesale Electric Quadrant ("WEQ") Business Practice Standards published on July 31, 2023. This version of the WEQ Business Practice Standards is comprised of standards adopted by NAESB since its last WEQ publication in March 2020. An executive summary of the modifications which resulted in Version 004 is included in the attached report, along with a description of the standards included as part of the publication.

The standards referenced in this submittal include newly created standards as well as modifications to existing standards developed through the NAESB standards development processes. Version 004 builds upon Version 003.3 of the NAESB WEQ Business Practice Standards and includes standards developed in response to the directives from FERC Order Nos. 676-I and 676-J, standards developed to support cybersecurity for the wholesale electric industry, modifications to complement the North American Electric Reliability Corporation ("NERC") Reliability Standards, the new *NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates*, and standards to identify definitions for common grid services to support distributed energy resource interactions in response to a request submitted from the U.S. Department of Energy ("DoE"), Lawrence Berkeley National Laboratory, and Pacific Northwest National Laboratory. Additionally, modifications were applied to the OASIS Business Practice Standards, the Coordinate Interchange Business Practice Standards, and to the Abbreviations, Acronyms, and Defined Terms. All standards included in this version were approved by the WEQ Executive Committee, ratified by the WEQ membership, and are referenced herein.¹

The standards development efforts at NAESB reflect the work of multiple market interests and, in some cases, considerable industry debate prior to consensus. Participation in the standards development process was open to all interested parties, regardless of membership in NAESB, and contributors to the standards development were all given an equal opportunity to voice their positions and vote on the proposed standards created by the NAESB task forces and subcommittees. Interested parties unable to attend the meetings or conference calls were also given an opportunity to participate through the preparation of written comments that are made publicly available and were considered in the development process. All documentation regarding standards development is accessible through the NAESB homepage (www.naesb.org) and links are included in the accompanying report to applicable meetings, voting records, and ratification ballots.

¹ The NAESB standards referenced in this report are available to the public through multiple methods. To access the standards at no cost, NAESB provides a limited copyright waiver for evaluation purposes or for response in regulatory filings using a product called Locklizard (<https://www.locklizard.com>). To request a waiver, please contact the NAESB office or follow the instructions found at the following link: https://www.naesb.org/misc/NAESB_Nonmember_Evaluation.pdf.

The cover letter, report, and enclosures are being electronically filed in Adobe PDF format. The filing is also available on the NAESB website. Please feel free to call the NAESB office (713-356-0060) or refer to the NAESB website should you have any questions or need additional information regarding the NAESB WEQ Business Practice Standards Version 004.

Respectfully submitted,



Ms. Rae McQuade
President, North American Energy Standards Board

cc: Chairman, Willie L. Phillips, Federal Energy Regulatory Commission
Commissioner, Allison Clements, Federal Energy Regulatory Commission
Commissioner, Mark C. Christie, Federal Energy Regulatory Commission
Commissioner, James Danly, Federal Energy Regulatory Commission

Mr. David Ortiz, Office of Electric Reliability, Federal Energy Regulatory Commission
Mr. Matthew Christiansen, General Counsel, Federal Energy Regulatory Commission
Mr. David L. Morenoff, Deputy General Counsel, Federal Energy Regulatory Commission
Mr. Michael Goldenberg, Senior Attorney, Office of General Counsel, Federal Energy Regulatory Commission
Ms. Jette Gebhart, Office of Energy Market Regulation, Federal Energy Regulatory Commission
Ms. Jignasa Gadani, Director, Office of Energy Policy and Innovation, Federal Energy Regulatory Commission
Mr. Joseph H McClelland, Director, Office of Energy Infrastructure Security, Federal Energy Regulatory Commission

Mr. Michael Desselle, Chairman and CEO, North American Energy Standards Board
Mr. Jonathan Booe, Executive Vice President and COO, North American Energy Standards Board
Mr. William P. Boswell, General Counsel, North American Energy Standards Board

Enclosures (all documents and links are available publicly on the NAESB website – www.naesb.org)

- Appendix A Links to EC Meeting Minutes, Comments, and Voting Records
- Appendix B Links to Ratification Ballots and Results
- Appendix C List of Transcripts
- Appendix D NAESB Process for Standards Development
- Appendix E NAESB WEQ Annual Plans
- Appendix F Minor Corrections Applied
- Appendix G No Action Recommendations
- Appendix H Entities with Access to NAESB Standards
- Appendix I Entities without Recorded Access to the Most Recently Mandated NAESB WEQ Standards, Version 003.3

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-___

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board (“NAESB”) voluntarily submits this report in the above referenced docket in accordance with the Federal Energy Regulatory Commission’s (“FERC” or “Commission”) Order Nos. 676-I¹ and 676-J.² The report provides a summary of Version 004 of the NAESB Wholesale Electric Quadrant (“WEQ”) Business Practice Standards, published on July 31, 2023 and available for download on the NAESB website.³ This ninth publication of the WEQ Business Practice Standards is reflective of standards approved by the WEQ Executive Committee and ratified by NAESB membership since the publication of WEQ Version 003.3 in March 2020 through July 13, 2023. Version 004 follows the previous publications of Version 000,⁴ Version 001,⁵ Version 002,⁶ Version 002.1,⁷ Version 003,⁸ Version 003.1,⁹ and Version 003.2,¹⁰ and Version 003.3,¹¹ all of which have been filed with the Commission.

As described in the report below, Version 004 of the WEQ Business Practice Standards incorporates modifications that resulted from multiple standards development efforts that took place over the last forty months. Version 004 includes the *NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates* and the related technical implementation to support transactions utilizing digital ledger technologies. This version includes two new suites of standards, WEQ-025 Grid Services Supporting Wholesale Electric Interactions Business Practice Standards developed in response to a request for standards development from Lawrence Berkeley National

¹ *Standards for Bus. Practices & Comm’n Protocols for Pub. Utils.*, Order No. 676-I, 85 FR 10,571 (Feb. 25, 2020), 170 FERC ¶ 61,062 (2020) (Order No. 676-I).

² *Standards for Bus. Practices & Comm’n Protocols for Pub. Utils.*, Order No. 676-J, 86 FR 29,491 (Jun. 2, 2021), 175 FERC ¶ 61,139 (2021) (Order No. 676-J).

³ NAESB Website: <https://www.naesb.org>.

⁴ NAESB WEQ Version 000 Standards, Docket No. RM05-5-000, *available at* https://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.

⁵ NAESB WEQ Version 001 Standards, Docket No. RM05-5-005, *available at* https://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.

⁶ NAESB WEQ Version 002 Standards, Docket No. RM05-5-007, *available at* https://naesb.org/pdf3/ferc082908_order_890_filing.pdf (submitted August 29, 2008).

⁷ NAESB WEQ Version 002.1 Standards, Docket Nos. RM05-5-013 and RM96-1-000 et al, *available at* https://www.naesb.org/pdf4/ferc021909_weq_v002.1_with_appendices.pdf (submitted February 19, 2009).

⁸ NAESB WEQ Version 003 Standards, Docket No. RM05-5-022, *available at* https://www.naesb.org/pdf4/ferc_091812_weq_version003_report.pdf (submitted September 18, 2012).

⁹ NAESB WEQ Version 003.1 Standards, Docket No. RM05-5-025, *available at* https://naesb.org/pdf4/ferc102615_weq_version_003.1_filing.pdf (submitted October 26, 2015).

¹⁰ NAESB WEQ Version 003.2 Standards, Docket No. RM05-5-000, *available at* https://naesb.org/pdf4/ferc120817_weq_version_003.2_filing.pdf (submitted December 8, 2017).

¹¹ NAESB WEQ Version 003.3 Standards, Docket No. RM05-5-000, *available at* https://naesb.org/pdf4/naesb_033020_weq_version_003.3_report.pdf (submitted March 30, 2020).

Laboratory, Pacific Northwest National Laboratory, and the U.S. Department of Energy (“DoE”) to support efforts related to distributed energy resources within the DoE Grid Modernization Laboratory Consortium, and WEQ-024 Cybersecurity Business Practice Standards, a reorganization of existing cybersecurity standards into a new suite of standards. Version 004 also includes modifications to the Open Access Same-Time Information Systems (“OASIS”) Business Practice Standards, WEQ-006 Manual Time Error Correction Business Practice Standards, and WEQ-023 Modeling Business Practice Standards in response to Commission directives contained in FERC Order Nos. 676-I and 676-J. Additionally, there are modifications to standards complementary to the North American Electric Reliability Corporation (“NERC”) Reliability Standards.

Originally formed as the Gas Industry Standards Board (“GISB”) with the support of the DoE and the Commission, NAESB now encompasses a broader spectrum of market interests with the inclusion of the wholesale electric and retail gas and electric markets. Any interested party, regardless of membership, may participate in the NAESB standards development process, including through the submittal of comments, and may vote on recommended standards at the subcommittee level. The consensus-based voting process utilized by NAESB facilitates equality in the standards development process and ensures that minority positions are considered.

NAESB develops voluntary standards that are intended to promote a more competitive and efficient marketplace by helping to streamline transactional processes and communication protocols utilized by a given market in conducting commercial transactions. Within the wholesale electric market, the Commission has promulgated requirements for jurisdictional entities through the establishment of the pro forma Open Access Transmission Tariff (“OATT”). The WEQ Business Practice Standards assist with industry implementation of the pro forma OATT requirements by providing uniform and consistent implementation which creates a more efficient marketplace by helping to reduce costs and administrative burdens for the large number of market participants either mandated to comply with Commission requirements or that interact with entities that do. In order to ensure that entities that utilize the standards can implement business practices that do not conflict with mandatory reliability requirements, the WEQ Business Practice Standards are coordinated with the NERC Reliability Standards.

NAESB is filing this report for informational purposes only and does not advocate that the Commission take any particular position on any of the information presented or standards discussed herein. The report is divided into thirteen sections. The first section contains a high-level overview of all standard additions, modifications, and reservations applied to Version 004 of the WEQ Business Practice Standards. The next ten sections of the report contain summaries of the specific standards development activities that led to the creation of this version of the WEQ Business Practice Standards, including recommendations for no action and minor corrections. The final two sections of the report contain the NAESB Copyright Policy and information on access to the NAESB Business Practice Standards as well as the List of New Standards and Modifications for Version 004.

Additionally, there are nine enclosures to this report. Appendix A is a list of the WEQ Executive Committee meetings during which recommendations were considered that resulted in Version 004 of the WEQ Business Practice Standards with links to the meeting minutes, formal comments received on the recommendations and considered during the meetings, and the voting records for those meetings. Appendix B is a list of the links to the WEQ membership ratification ballots for the recommendations adopted by the WEQ Executive Committee. Appendix C is a list of the available transcripts for the WEQ Executive Committee meetings. Appendix D is a chart explaining the

NAESB standards development process. Appendix E is the 2020, 2021, 2022, and 2023 WEQ Annual Plans. Appendix F is a list of the minor corrections contained in this report and a description of the compilation of existing standards into the new WEQ-024 Cybersecurity Business Practice Standards under the minor correction process. Appendix G provides information on the no action recommendations for standards development approved by the WEQ Executive Committee since the last publication. Appendix H is a list of the entities, including NAESB members and non-members, with valid access to the Version 004 publication of the NAESB WEQ Business Practice Standards. Appendix I is a list of jurisdictional entities that NAESB does not have a record of valid access to the most recently mandated WEQ Business Practice Standards, Version 003.3.

WEQ Version 004 Standards Development Efforts Summary

Presented below is a summary of the standards additions, revisions, and reservations that led to the compilation of Version 004 of the NAESB WEQ Business Practice Standards. As noted above, all standards modifications made as part of WEQ Version 004 are contained in a table at the end of this report that cross-references the standards to the associated annual plan item or request for standards development and the action taken.

Included in Version 004 of the publication are modifications, reservations and/or additions to the following WEQ Business Practice Standards: WEQ-000 Abbreviations, Acronyms, and Definition of Terms, 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-005 Area Control Error Equation Special Cases Business Practice Standards, WEQ-006 Manual Time Error Correction Business Practice Standards, WEQ-008 Transmission Loading Relief – Eastern Interconnection Business Practice Standards, WEQ-010 Contracts Related Business Practice Standards, WEQ-012 Public Key Interface (“PKI”) Business Practice Standards, WEQ-013 OASIS Implementation Guide Business Practice Standards, WEQ-015 Measurement and Verification of Wholesale Electricity Demand Response Business Practice Standards, WEQ-021 Measurement and Verification of Energy Efficiency Products Business Practice Standards, WEQ-022 Electric Industry Registry (“EIR”) Business Practice Standards, WEQ-023 Modeling Business Practice Standards, WEQ-024 Cybersecurity Business Practice Standards, and WEQ-025 Grid Services Supporting Wholesale Electric Interactions Business Practice Standards.

These modifications can be summarized as follows:

- Changes Resulting from FERC Order Nos. 676-I and 676-J: In response to the Commission’s determination in FERC Order No. 676-I relating to *Dynegy*,¹² NAESB revised the WEQ-001 OASIS Business Practice Standards, WEQ-003 OASIS Data Dictionary Business Practice Standards, and WEQ-013 OASIS Implementation Guide Business Practice Standards, and included consistency changes in WEQ-000 Abbreviations, Acronyms, and Definition of Terms. Also, in response to FERC Order No. 676-I,¹³ NAESB reconsidered the previous retirement of the WEQ-006 Manual Time Error Correction Business Practice Standards and revised the standard to address commercial requirements for interconnections calling manual time error corrections in accordance with the NERC Time

¹² Order No. 676-I at P 36 and P 37.

¹³ Order No. 676-I at P 46-47.

Monitoring Reference Document Version 5.¹⁴ In FERC Order No. 676-J, the Commission urged NAESB to consider industry comments submitted during the FERC Notice of Proposed Rulemaking process regarding standards that address contract path management.¹⁵ In response, NAESB modified the WEQ-023 Modeling Business Practice Standards for scheduling efficiency purposes to allow the contract path limit to be exceeded for a certain period of time prior to the start of flow.

- Changes to Support Cybersecurity for the Wholesale Electric Industry: In Version 004 of the WEQ Business Practice Standards, NAESB modified the WEQ-012 PKI Business Practice Standards, the WEQ-000 Abbreviations, Acronyms, and Definition of Terms, and the NAESB Accreditation Requirements for Authorized Certification Authorities (“ACAs”) to support cybersecurity within the wholesale electric industry. The revised standards and specification align the standards with best industry practices regarding the issuance of server-side or transport layer security (“TLS”) server certificates by a certificate authority and allow a NAESB ACA to issue code signing certificates which can be used to verify software and other executables in support of the NERC CIP-010 Security – Configuration Change Management and Vulnerability Assessments Reliability Standard. Additionally, Appendix F of this filing details the review and reorganization of cybersecurity standards through the minor correction process into a new book, WEQ-024 Cybersecurity Business Practice Standards.
- Changes to Complement NERC Reliability Standards: NAESB engaged in two standards development efforts that resulted in final actions to support consistency with the NERC Reliability Standards. First, the WEQ-005 Area Control Error (“ACE”) Equation Special Cases Business Practice Standards were revised to provide clarity regarding how commercial aspects relevant to determinations of ACE, specifically jointly owned units that are reflected as pseudo-ties or dynamic schedules, are accounted for in ACE equation and provide consistency in the use of defined terms and definitions between the standards and the NERC Dynamic Transfer Reference Document Version 4.¹⁶ As a result of the second standards development effort, NAESB revised the definition of System Operating Limit in WEQ-000 to achieve consistency with changes made to the NERC Glossary of Terms Used in NERC Reliability Standards.
- Changes to Support Distributed Energy Resources Interactions: In response to a request for standards development jointly submitted by Lawrence Berkeley National Laboratory, Pacific Northwest National Laboratory, and the DoE, NAESB created a new suite of standards, WEQ-025 Grid Services Supporting Wholesale Electric Market Interactions, that define, in a technology-neutral manner, common operationally based grid services, establishing a framework that can serve as the basis for greater coordination between distributed energy resources and system operators..
- Changes to the OASIS Business Practice Standards: In addition to the modifications referenced above, NAESB made nine other revisions to the OASIS suite of Business Practice Standards. These changes

¹⁴ North American Electric Reliability Corporation, *Time Monitoring Reference Document, Version 5* (2019).

¹⁵ Order No. 676-J at P 32.

¹⁶ North American Electric Reliability Corporation, *Dynamic Transfer Reference Document, Version 4* (2019).

provide clarity regarding the eligibility and treatment of rollover rights for Network Integration Transmission Service (“NITS”), establish the ability to define specific lists within existing query variables, provide clarity to the Redirect Business Practice Standards Examples section, introduce standards modifications that allow OASIS users to identify all modifications of service made to an original reservation in one location within the OASIS, and establish timing extension changes to accommodate human performance in non-automated systems. The modifications also enhance the ability to view preemption and right-of-first-refusal profile changes and provide further clarity on the competition process between a firm transmission request and a previously queued non-firm request or reservation, among other revisions.

- Changes to Coordinate Interchange Standards: NAESB undertook two standards development efforts to update the WEQ-004 Coordinate Interchange Standards in the Version 004 publication. The first set of modifications clarify existing back-up procedures for e-Tagging, improve efficiencies by removing requirements that supported outdated methods of communication, and streamline the processes following system communication failures. Through the second effort, NAESB modified WEQ-004 to provide guidance to balancing authorities in the Eastern Interconnection seeking to automate their net scheduled interchange checkout process.
- Changes to Contracts Related Standards: NAESB developed the *NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates* (“NAESB REC Contract”), the NAESB REC Contract Frequently Asked Questions document, and the accompanying technical implementation standards containing data dictionaries and code values, included in WEQ-010 Contracts Business Practice Standards, to support the use of the NAESB REC Contract with digital technologies, such as blockchain, in the retail and wholesale markets.
- Changes to Abbreviations, Acronyms, and Defined Terms: NAESB modified WEQ-000 Abbreviations, Acronyms, and Definition of Terms to provide a cross-reference as well as made changes to WEQ-001 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-008 Transmission Loading Relief – Eastern Interconnection Business Practice Standards, WEQ-012 Public Key Infrastructure Business Practice Standards, WEQ-013 OASIS Implementation Guide, WEQ-022 Electric Industry Registry Business Practice Standards, and WEQ-023 Modeling Business Practice Standards to ensure consistency in the use of defined terms, abbreviations, and acronyms.
- Minor Corrections: Since the last publication, NAESB processed ten minor corrections applicable to the WEQ Business Practice Standards. All additions, revisions, and reservations to the standards made through the NAESB Minor Correction Process have been incorporated into Version 004 prior to publication. A detailed narrative regarding the minor correction action taken to respond to an informal recommendation from the DoE and Sandia National Laboratories that arose from the 2019 Surety Assessment of cybersecurity elements contained the NAESB Business Practice Standards. NAESB utilized its minor correction process to compile the existing WEQ Cybersecurity Standards that are

not contained within the WEQ-012 PKI Business Practice Standards into a new book, WEQ-024 Cybersecurity Business Practice Standards. No new standards development efforts arose from the reorganization under the minor correction.

- No Action Recommendations: Since the last publication, sixteen standards development efforts have resulted in recommendations for no action from WEQ subcommittees.

These standard changes are referenced in the following sections which contain detailed descriptions of the standard development efforts and resulting modifications.

Standards Changes in Response to FERC Order Nos. 676-I and 676-J

The Version 004 publication of the WEQ Business Practice Standards contains modifications made in response to FERC Order Nos. 676-I and 676-J and related industry-submitted standards requests under three separate standards development efforts. As part of these efforts, NAESB modified the WEQ-000 Abbreviations, Acronyms, and Definition of Terms, WEQ-001 OASIS Business Practice Standards, WEQ-003 OASIS Data Dictionary Business Practice Standards, WEQ-006 Manual Time Error Correction Business Practice Standards, WEQ-013 OASIS Implementation Guide Business Practice Standards, and WEQ-023 Modeling Business Practice Standards.

- 1.) First, in response to FERC Order No. 676-I¹⁷ and Standards Request R20003, NAESB revised the WEQ-001, WEQ-003, and WEQ-013 to provide greater specificity regarding the transmission reservation process that applies to redirects on a firm and non-firm basis, consistent with the Commission's *Dynegy* policy addressing a customer's right to keep its contractual rights to point-to-point firm transmission service on the original path it has reserved while the customer's request for a redirect is pending.¹⁸ In FERC Order No. 676-I, the Commission clarified that the *Dynegy* policy does not extend to either short-term firm point-to-point transmission service or non-firm transmission service and continues to be limited to parent reservations that are unconditional, as defined in section 13.2 of the *pro forma* OATT.¹⁹

The WEQ OASIS Subcommittee held seven meetings from February of 2020 through September of 2020 to develop the proposed modifications to the above noted WEQ Business Practice Standards. The modifications provide additional details regarding the treatment of redirects from unconditional and conditional parent transmission reservations, require redirects of non-firm transmission service to be from unconditional parent transmission reservations, and require resales of transmission service to be from unconditional parent transmission reservations. Further, the standards establish a mechanism to allow capacity to be returned from a redirect of firm transmission service to the parent transmission reservation. The WEQ OASIS Subcommittee voted out a recommendation incorporating these standards that was then posted for a thirty-day formal industry comment period concluding on July 23, 2020. Three sets of formal comments were submitted. The comments were generally supportive of the recommendation and offered minor, non-substantive changes for clarity.

¹⁷ Order No. 676-I at P 35-39.

¹⁸ Order No. 676-I at P 23

¹⁹ Order No. 676-I at P 36

The WEQ OASIS Subcommittee met to review the formal comments and developed late comments in response, further modifying the recommendation to address the changes proposed by the formal comments. On October 27, 2020, the WEQ Executive Committee voted out the recommendation as revised by the late formal comments of the WEQ OASIS Subcommittee. The NAESB WEQ membership ratified the modifications on November 30, 2020.

- 2.) Also, in response to FERC Order No. 676-I, NAESB developed new standards included in the WEQ-006 Manual Time Error Correction Business Practice Standards which were retired in Version 003.2 of the NAESB WEQ Business Practice Standards in response to a request submitted by NERC. In FERC Order No. 676-I, the Commission did not incorporate by reference the reservation of WEQ-006, as included in WEQ Version 003.2, but, instead, incorporated by reference WEQ-006 as included in WEQ Version 003.1.²⁰ In Paragraph 46 of FERC Order No. 676-I, the Commission “advise[d] public utilities to work through the NAESB business practices development processes to revisit the rationale for removing the Time Error Correction standards to determine whether they should be revised or retained.”²¹

The WEQ Business Practices Subcommittee (“BPS”) held ten meetings from April 2020 through January 2021 to discuss current industry practices regarding manual time error correction, both in the Eastern and Western Interconnections, as part of 2021 WEQ Annual Plan Item 2.a. These meetings resulted in modifications to WEQ-006 that add new business practices for interconnections calling manual time error corrections consistent with guidance in Version 5 of the NERC Time Monitoring Reference Document.²² The standards incorporate elements from WEQ-006-1, WEQ-006-5, and WEQ-006-11 found in Version 003.1 of WEQ-006. The recommendation also includes consistency changes to WEQ-000.

Three sets of industry comments were submitted during the thirty-day formal industry comment period held from January 14, 2021 through February 15, 2021. One set of comments, was in support of the recommendation, and two sets of comments, submitted by Bonneville Power Administration and Southern Company, expressed opposition, advocating for the retirement of WEQ-006 in its entirety. In the alternative to retiring WEQ-006, Southern Company proposed minor consistency changes. The WEQ BPS met to review the formal comments and developed late formal comments to clarify that the standards are applicable to entities utilizing the manual time error correction process, rather than the automatic Time Error Correction procedures. During the March 9, 2021 WEQ Executive Committee, Tennessee Valley Authority opposed the standards language proposed in WEQ-006-15 due to a concern that the standard could be interpreted to require a balancing authority to make a time error related change upon reconnecting to the grid after a period of separation, which could unintentionally cause reliability issues. After significant debate it was apparent that there was not enough support to remove WEQ-006-15 from the recommendation. As

²⁰ Order No. 676-I at P 46.

²¹ Order No. 676-I at P 46.

²² North American Electric Reliability Corporation, *Time Monitoring Reference Document, Version 5* (2019).

there were not enough votes cast during the meeting to make a determination on the motion to adopt the recommendation as revised by the late formal comments of the WEQ BPS and further modified during the meeting, a notational ballot was required. The revised standards were subsequently adopted by the WEQ Executive Committee through notational ballots on March 17, 2021 with six votes in opposition by Tennessee Valley Authority and Southern Company in the Transmission, Generation, and Marketers/Brokers Segments. The standards were ratified by the NAESB WEQ membership on April 19, 2021.

- 3.) The third standards development effort revises the WEQ-023 Modeling Business Practice Standards in response to FERC Order No. 676-J under 2022 WEQ Annual Plan Item 2.a. Specifically, WEQ-023-1.4 and WEQ-023-1.4.1, which require that the actual flow of transmission not exceed the contract path limit, were modified to better accommodate individual transmission provider business practices that may, for scheduling efficiency purposes, allow a contract path limit to be exceeded for a certain period prior to the implementation of the interchange schedule. The WEQ-023 standards specify the requirements for the calculation of Available Transfer Capability (“ATC”) and Available Flowgate Capability (“AFC”) and address aspects of the NERC MOD A Reliability Standards relating to modeling, data, and analysis that are included in NERC’s proposed retirement of its MOD A Reliability Standards. In FERC Order No. 676-J, the Commission incorporated by reference “all of the WEQ-023 Modeling Business Practice Standards”²³ but “urge[d] NAESB to consider the issues raised by Bonneville and the ISO/RTO Council and whether revisions to these standards are warranted.”²⁴

In response to the FERC Notice of Proposed Rulemaking for Version 003.3, Bonneville Power Administration submitted comments²⁵ that, in part, addressed WEQ-023-1.4 and WEQ-023-1.4.1. and stated:

[F]or itself and others, an ATC Path is allowed to be overscheduled up to twenty minutes prior to flow, at which point interruptions of non-firm service, curtailments, or economic dispatches, are then performed to ensure that path limits are not exceeded ... this practice allows [Bonneville] to maximize transmission utilization including the integration of variable resources scheduled within the hour, and that these requirements, if incorporated by reference as drafted, would restrict energy supply and transmission availability.²⁶

The ISO/RTO Council also submitted comments addressing WEQ-023-1.4 and WEQ-023-1.4.1.²⁷ The comments stated that a requirement for transmission providers to assume all firm reservations will be used in full, with no accounting for the customer’s scheduling activity, “will undoubtedly result in less efficient use of the transmission system.”²⁸ Additionally, the ISO/RTO Council

²³ Order No. 676-J at P 30.

²⁴ Order No. 676-J at P 32.

²⁵ Comments of the Bonneville Power Administration, Docket Nos. RM05-5-029 and RM05-5-030 (Nov. 3, 2020) (Bonneville Comments).

²⁶ Order No. 676-J at P 26 (citing Bonneville Power Administration comments at 4).

²⁷ Comments of the ISO/RTO Council, Docket Nos. RM05-5-029 and RM05-5-030 (Nov. 3, 2020) (ISO/RTO Council Comments).

²⁸ Order No. 676-J at P 28 (citing ISO/RTO Council comments at 9).

expressed concern that, in cases of “unexpected outage or de-rate of a transmission facility associated with an ATC path, there may not be sufficient time to adjust posted ATC or modify the current interchange, which could lead to a violation of the requirement.”²⁹ In FERC Order No 676-J, the Commission determined that “[d]eclining to adopt these standards at this point could potentially loosen the requirements for non-discriminatory calculation of ATC and may require changes to specific standards regarding particular contract paths.”³⁰ Additionally, the Commission noted that, “[g]iven the deliberately broad nature of these standards, the record does not show that current business practices, such as a response to a sudden de-rate or outage referenced by the ISO/RTO Council, would necessarily be considered a violation of the standards.”³¹

The WEQ BPS met eight times between December of 2021 and July of 2022 to review FERC Order No. 676-J and the comments from Bonneville Power Administration and the ISO/RTO Council, and develop a recommendation. The modifications to WEQ-023.1.4.1 provide clarity by establishing a cut-off time by which transmission service providers must ensure the net interchange schedule does not exceed the contract path limit. The revisions also include consistency changes to WEQ-023-1.4 as well as changes to clarify that entities utilizing conditional firm transmission service may exceed the firm limit transfers in accordance with WEQ-001.21. During the thirty-day formal comment period, three sets of comments were submitted proposing minor, non-substantive revisions for accuracy and clarity as well as to correct grammatical errors and make consistency changes. A fourth set of formal comments was submitted from the WEQ Standards Review Subcommittee (“WEQ SRS”) identifying that no consistency changes would be needed to align with the other WEQ Business Practice Standards. The WEQ BPS held an additional meeting to develop late formal comments which proposed additional modifications to address the formal comments. The WEQ Executive Committee adopted the standards as revised by the late comments of the subcommittee on October 18, 2022 and the NAESB WEQ membership ratified the standards revisions on November 18, 2022.

Standards Changes to Support Cybersecurity for the Wholesale Electric Industry

The new Version 004 of the NAESB WEQ Business Practice Standards contains two final actions that modify the WEQ-012 Public Key Infrastructure (“PKI”) Business Practice Standards, the WEQ-000 Abbreviations, Acronyms, and Definition of Terms, and the NAESB Accreditation Requirements for Authorized Certification Authorities (“ACAs”), a specification that establishes the technical requirements to issue a digital certificate under the WEQ-012 PKI Business Practice Standards. The WEQ-012 standards, along with the NAESB Accreditation Requirements for ACAs and the program by which certificate authorities are accredited as NAESB ACAs, provides a comprehensive cybersecurity framework that enables secure electronic commercial transactions for the wholesale electric industry.

- 1.) To respond to a standing annual plan item, the WEQ Cybersecurity Subcommittee (“WEQ CSS”)

²⁹ Order No. 676-J at P 28 (citing ISO/RTO Council comments at 9).

³⁰ Order No. 676-J at P 30.

³¹ Order No. 676-J at P 30.

reviewed the WEQ-012 standards and the NAESB Accreditation Requirements for ACAs to determine if modifications are needed to meet market conditions. As part of the review under 2022 WEQ Annual Plan Item 4.a, modifications were made to WEQ-012 to support the issuance of server-side or transport layer security (“TLS”) certificates by NAESB ACAs. As part of these standards, any digital certificate issued by a NAESB ACA must clearly and uniquely identify the organizational affiliation of the certificate holder, which is done through the inclusion of the company’s Entity Code, an alphanumeric code that uniquely identifies an entity registered in the NAESB EIR, in the Organization Unit (“OU”) field of the certificate. Recent changes to industry practices facilitated through the Certification Authority Browser Forum resulted in the deprecation of the OU field for server-side/TLS certificates issued by any certificate authority.

To address this change in market condition, the WEQ CSS held a series of three meetings between April 2022 and June 2022 and, in response, developed a recommendation proposing modifications to WEQ-012-1.9.1 to clarify that the OU field does not need to be populated for server side/TLS certificates issued by NAESB ACAs. The recommendation also included consistency changes to WEQ-000 and the NAESB Accreditation Requirements for ACAs to ensure all references to the secure sockets layer (“SSL”) security protocol have been updated to TLS, a more secure encryption methodology. A thirty-day formal comment period closed on August 1, 2022 with one set of comments submitted by the WEQ SRS in support of the recommendation and noting consistency with other WEQ standards. On October 18, 2022, the WEQ Executive Committee approved the standards modifications that were later ratified by the NAESB WEQ membership on November 18, 2022. The modifications to the NAESB Accreditation Requirements for ACAs became effective the same day. As the NAESB Accreditation Requirements for ACAs is not a standard, the specification was not posted for ratification.

- 2.) Additional modifications were made to the NAESB Accreditation Requirements for ACAs under 2021 WEQ Annual Plan Items 4.a and 4.b. The modifications will allow NAESB ACAs to issue code signing certificates that can be used by industry to authenticate software and other executables from third parties, supportive of the NERC CIP-010 Cyber Security – Configuration Change Management and Vulnerability Assessments Reliability Standards requiring verification of the identity of a software source. The WEQ CSS held four meetings between May 2021 and July 2021 to develop modifications to the specification that establish the requirements a NAESB ACA must follow when issuing a code signing certificate in alignment with established certificate authority best practices. No comments were submitted during the thirty-day formal comment period which began on July 13, 2021 and concluded on August 12, 2021. The modifications to the specification were approved by the WEQ Executive Committee through a simple majority vote on October 5, 2021 and became effective the same day. As the NAESB Accreditation Requirements for ACAs is not a standard, the specification was not posted for ratification by the NAESB WEQ membership.

Standards Changes to Complement NERC Reliability Standards

NAESB incorporated two final actions into the Version 004 publication that modify standards that are complementary to NERC Reliability Standards, WEQ-005 Area Control Error (“ACE”) Equation Special Cases Business Practice Standards and the definition of System Operating Limit in WEQ-000 Abbreviations, Acronyms, and Definition of Terms.

- 1.) Modifications to WEQ-005 were made to respond to 2021 WEQ Annual Plan Item 1.a, created in response to Standards Request R20008. WEQ-005 addresses how commercial elements are accounted for within the ACE equation regarding jointly owned units that are modeled as pseudo-ties or dynamic schedules. The revisions modified WEQ-005-1.2.1 and WEQ-005-1.2.2, and created four new standards – WEQ-005-1.2.1.1, WEQ-005-1.2.1.2, WEQ-005-1.2.2.1 and WEQ-005-1.2.2.2. The changes were made to provide further clarity on the incorporation of jointly owned units into the ACE equation and to ensure consistency in the use of terminology between the WEQ Business Practice Standards and the NERC Dynamic Transfer Reference Document, which provides reliability guidance on the use of pseudo-ties and dynamic schedules in a balancing authority’s ACE equations.³² Consistency changes were also made to WEQ-000. The WEQ BPS held ten meetings to develop the revisions from June of 2020 through August of 2021. No comments were submitted during the thirty-day formal comment period that began on August 20, 2021 and closed on September 20, 2021. On October 5, 2021, the WEQ Executive Committee approved the changes which were subsequently ratified by the NAESB WEQ membership on November 4, 2021.
- 2.) On June 9, 2021, NERC submitted Standards Request R21002 to NAESB. The request asked NAESB to review modifications made by NERC to the definition for “System Operating Limit,” a defined term used in both the NERC Reliability Standards and the WEQ Business Practice Standards, to evaluate if similar changes should be made by NAESB. Where possible, NAESB and NERC coordinate on the definitions for defined terms included in both the NERC Glossary of Terms Used in Reliability Standards and WEQ-000. This promotes uniformity and reduces potential confusion for industry participants that utilize both the reliability and business practice standards. In response to the standards request, NAESB modified the definition for System Operating Limit in WEQ-000 to ensure consistency with the proposed changes to the definition in the NERC Glossary. As the term appears in WEQ-001, WEQ-004, WEQ-008, and WEQ-023, the review of the modified definition was coordinated with four WEQ subcommittees. In July and August of 2021, the WEQ Standards Review Subcommittee met twice, the WEQ BPS and the WEQ OASIS Subcommittee each met once in July of 2021, and the WEQ Coordinate Interchange Scheduling Subcommittee held a meeting on August 4, 2022 to consider the term. All four subcommittees found the proposed revisions to the definition would not change the intended use of the term within the WEQ Business Practice Standards. A thirty-day formal comment period concluded on September 10, 2021 with

³² North American Electric Reliability Corporation, *Dynamic Transfer Reference Document, Version 4* (2019).

one set of formal comments submitted. The comments were generally supportive of the revisions and noted coordination aspects on the timing of potential industry implementations, as the NERC revisions to the definition were still pending before the Commission. The FERC subsequently approved these modifications as part of a letter order issued on March 24, 2022 in FERC Docket No. RD22-2-000. The WEQ Executive Committee approved the revisions on October 5, 2021 and the NAESB WEQ membership ratified the modifications on November 4, 2021.

Standards Changes to Support Distributed Energy Resources Interactions

NAESB undertook one standards development effort supporting distributed energy resources interactions as described below:

- 1.) NAESB established a new suite of standards, WEQ-025 Grid Services Supporting Wholesale Electric Interactions Business Practice Standards to promote greater consistency in market interactions and communication exchanges by flexible, grid-edge resources such as distributed energy resources and batteries, within the wholesale electric market. The standards were developed in response to 2023 WEQ Annual Plan Item 5.d and Standards Request R22001, submitted to NAESB by Lawrence Berkeley National Laboratory, Pacific Northwest National Laboratory, and the DoE proposing that NAESB define a common list of grid services for electric market interactions in support of the DoE's Grid Modernization Laboratory Consortium efforts to modernize the nation's electric grid. The WEQ-025 standards identify six categories of operations-based grid services utilized within the wholesale electric market: Energy Grid Service, Reserve Grid Service, Regulation Grid Service, Frequency Response Grid Service, Voltage Management Grid Service, and Blackstart Grid Service. The standards also describe the types of attributes, such as location, timing, and performance determinations that may be used by System Operators to define the unique requirements for services within their markets. Due to variances in regionality and market needs, System Operators have varying names and operational objectives, such as peak load management, operating reserves, and frequency regulation, for the same or similar services and may describe these services in terms of the functionality of traditional generation resources. The new standards establish a technology-neutral framework that describes the operational objective of common types of market services through the identification of physical performance capabilities to consume and/or inject electricity on the grid that a resource must have to be technically capable of providing the service. The framework introduced by these standards can enable easier comparison by regulators of market information regarding the use of grid services across multiple jurisdictions as well as assist market participants in identifying which types of market services their resource(s) may be able to provide. This may create greater consistency in communications between resource owners that may be participating in multiple markets and System Operators, improving upon the efficiency of processes for commercial transactions.

The WEQ BPS held twelve meetings between June 2022 and February 2023 to develop WEQ-025 and the related revisions to WEQ-000 to include the definition of six new defined terms and other consistency changes. During the formal comment period, two sets of comments were submitted

proposing minor edits for clarity and a third set of comments, submitted from the WEQ SRS, stated that no additional changes were needed for consistency with other WEQ Business Practice Standards. The WEQ BPS held a subsequent meeting to review the formal comments and developed late comments that proposed additional modifications. The WEQ Executive Committee approved the standards as revised by the late formal comments of the subcommittee, and the NAESB WEQ membership ratified the standards on April 27, 2023.

Changes to the WEQ OASIS Business Practice Standards

In addition to the modifications referenced above, NAESB completed nine other final actions modifying the OASIS suite of Business Practice Standards. Each of the final actions are described below:

- 1.) In response to 2020 WEQ Annual Plan Item 3.a, created to address Standards Request R18004, NAESB developed modifications to the WEQ OASIS Suite of Business Practice Standards to address the eligibility and treatment of rollover rights as part of the standards supporting Network Integration Transmission Service (“NITS”).³³ The WEQ OASIS Subcommittee held twenty-four meetings, many were multi-day meetings, from October of 2017 through March 2020 to develop a recommendation that included new and revised standards that define if and when rollover rights are assigned, update posting requirements and establish supporting template structures, and create dynamic notifications within OASIS for rollover rights. In developing the recommendation, one area of major discussion within the subcommittee was the impact of a termination on rollover rights with a consensus being reached that an indefinite termination of transmission service will result in an automatic termination of rollover rights associated with that service. The resulting standards revisions, including template structures, were applied to WEQ-001, WEQ-002, WEQ-003 and WEQ-013.

A thirty-day formal industry comment period began on March 25, 2020 and concluded on April 24, 2020 with three sets of formal comments being submitted offering formatting and minor edits. The WEQ OASIS Subcommittee held an additional meeting on May 19, 2020 to draft late formal comments which accepted the suggested formatting and provided clarity regarding the language included in WEQ-001-108.72. The standards were approved by the WEQ Executive Committee as proposed by the late formal comments of the WEQ OASIS Subcommittee on October 27, 2020 and ratified by the NAESB WEQ membership on November 30, 2020.

- 2.) Under 2020 WEQ Annual Plan Item 3.e, several modifications were made to WEQ-002 and WEQ-003 add new efficiencies to the standards by allowing users to submit specific lists of variables associated with NITS as part of the query/response functionality in OASIS templates. The revisions include changes to standards language in WEQ-002 and the addition of five new data elements to WEQ-003. No new NITS query variables were developed as part of these revisions. The WEQ OASIS Subcommittee held four multi-day meetings from September of 2019 through March of

³³ The standards addressing rollover rights for point-to-point transmission service were included in the NAESB WEQ Version 003.2 publication and were incorporated by reference through FERC Order No. 676-I.

2020 to develop the additions and revisions to the standards. A thirty-day formal industry comment period was held from March 25, 2020 to April 24, 2020. No formal comments were received. The WEQ Executive Committee approved the recommendation on October 27, 2020 and the standards were ratified by the NAESB WEQ membership on November 30, 2020.

- 3.) To address Standards Request R20010, NAESB developed modifications to WEQ-001 to provide greater consistency between the standards language included in WEQ-001-9.2 and WEQ-001-9.4.3 and WEQ-001-B Appendix B – Redirect Business Practice Standards Examples. Specifically, the changes revise several of the illustrative examples included as part of the appendix to clarify that requests submitted before the capacity is committed or outside time frame of the parent reservation should be denied, consistent with WEQ-001-9.2 and WEQ-001-9.3, and ensure consistency between the reservation processes that applies to redirects on a firm and non-firm basis. The WEQ OASIS Subcommittee held one meeting on August 18, 2020 to approve the standards and again in September of 2020 to review the singular set of comments submitted during the thirty-day formal comment period held from August 19, 2020 to September 18, 2020. The WEQ OASIS Subcommittee developed late formal comments that proposed additional non-substantive changes for grammatical purposes consistent with the suggestions from the formal comment. On October 27, 2020, the WEQ Executive Committee meeting approved the standards modifications as revised by the late comments from the subcommittee. The NAESB WEQ membership ratified the standards on November 30, 2020.
- 4.) Under 2021 WEQ Annual Plan Item 3.c, NAESB revised WEQ-002, WEQ-003, and WEQ-013 to improve upon efficiencies for OASIS node users through the establishment of a mechanism to identify, in a singular location, all service modifications made to an original transmission service request reservation. Specifically, the revisions include modifications to WEQ-002-4.3.4.3, the addition of nine new data elements in WEQ-003, and revisions to illustrative examples included in WEQ-013 Example 8. The WEQ OASIS Subcommittee met eight times between November 17, 2020 and June 22, 2021 to develop the recommendation. Two sets of formal comments were submitted during the thirty-day formal comment period that concluded on July 21, 2021. The WEQ OASIS Subcommittee developed late formal comments with further revisions consistent with the proposals made in the formal comments. On October 5, 2021, the WEQ Executive Committee approved the standards as modified by the late formal comments of the subcommittee, and the NAESB WEQ membership ratified the standards on November 4, 2021.
- 5.) To address 2022 WEQ Annual Plan Item 3.c and Standards Request R21004 NAESB developed modifications to WEQ-001 to better support posting requirements included as part of 18 CFR 37.6 by providing additional specificity regarding the treatment of consolidations of transmission service requests. Consolidations of transmission service requests allow customers to combine capacity from like transmission service requests into a singular request to promote efficient scheduling activities. When transmission service requests are consolidated, the request inherits attributes from the parent reservation, including the product code. The revisions to the standards ensure parity between

consolidated and non-consolidated transmission service requests. The modifications are intended to eliminate the potential for a service increment to be created through consolidation that would otherwise be unavailable under a transmission provider's existing tariff processes, such as requests that have been consolidated into a daily transmission service request but inherited a monthly product code from one of the original parent reservations. The changes modify WEQ-001-24.2.4 and include two new standards, WEQ-001-24.2.4.1 and WEQ-001-24.2.4.2. The WEQ OASIS Subcommittee held six meetings between September of 2021 and March of 2022 to develop the recommendation. A thirty-day formal comment period on the revisions began on April 4, 2022 and concluded on May 3, 2022. One comment was submitted in support of the recommendation. The WEQ Executive Committee approved the revisions on October 18, 2022 and the NAESB WEQ membership ratified the standards on November 18, 2022.

- 6.) NAESB modified WEQ-001 in response to Standards Request R21005 to provide greater clarity regarding the preemption and right-of-first-refusal process. The revisions modify Table 25-3 Priorities for Competing Reservations or Requests included as part of WEQ-001 to improve descriptions regarding how competition is conducted between a firm transmission service request and a previously queued non-firm request or reservation. The WEQ OASIS Subcommittee held three multi-day meetings between May 2022 and July 2022 to develop the modifications. A thirty-day formal comment period began on July 19, 2022 and ended on August 17, 2022. The WEQ SRS submitted late formal comments noting that no further changes to the revisions were needed for consistency with the other WEQ Business Practice Standards. On October 18, 2022, the WEQ Executive Committee approved the modifications and the NAESB membership subsequently ratified the standards on November 18, 2022.
- 7.) Under 2021 WEQ Annual Plan Item 3.e.i/R21003, the WEQ OASIS Subcommittee developed a recommendation to better support industry use of the standards by extending response times for certain functions to account for human performance. The standards revisions modify timing tables included in WEQ-001-4.13, WEQ-001-25.1.8, and WEQ-001-105.1.5 to extend specific timing criteria for instances in which systems are not fully automated. The WEQ OASIS Subcommittee held three multi-day meetings between August of 2021 and September of 2021 to approve the revisions. No comments were submitted during the thirty-day formal industry comment period which began on September 27, 2021 and concluded on October 26, 2021. The WEQ Executive Committee approved the revisions on March 29, 2022 and the NAESB WEQ membership ratified the standards on April 28, 2022.
- 8.) In response to 2022 WEQ Annual Plan Item 3.b.i/R21003, NAESB modified the WEQ OASIS Suite of Business Practice Standards to provide greater clarity for transmission customers regarding which redirect requests will qualify for the conveyance of rollover rights. As part of the revisions, transmission customers are required to explicitly indicate their intent to convey rollover rights to the redirect path by expressly opting-in or opting-out of the conveyance, eliminating the possibility that rollover rights could be unintentionally redirected. Prior to ratification of these standards, the

default option was to grant the conveyance automatically. The standards revisions include modifications to WEQ-001-9.7.3.1 and WEQ-002-4.3.6.2 as well as the creation of three new standards – WEQ-001-9.7.3.3, WEQ-001-9.7.3.4, and WEQ-001-9.7.3.3 – and consistency changes to WEQ-003 and WEQ-013. The WEQ OASIS Subcommittee held six multi-day meetings between July 2021 and February 2022 to address this effort. A thirty-day formal comment period on the new and modified standards began on February 15, 2022 and concluded on March 16, 2022. Two sets of formal comments proposing modifications for clarity and consistency were submitted as well as a third set from the WEQ SRS indicating no further changes were needed for consistency with the other WEQ Business Practice Standards. The WEQ OASIS Subcommittee met to review the formal comments during its March 22, 2022 meeting and proposed additional modifications to make consistency changes and correct typographical errors. The WEQ Executive Committee approved by the standards as revised by the late formal comments of the subcommittee on March 29, 2022. The NAESB WEQ membership ratified the standards changes on November 18, 2022.

- 9.) Under 2022 WEQ Annual Plan Item 3.b.ii/Standards Request R21003, NAESB revised the WEQ OASIS Suite of Business Practice Standards to improve efficiencies by creating a tracking and audit mechanism for transmission service reservations that allow transmission providers and customers to easily assess changes that occur as a result of the preemption and right-of-first-refusal process. The standards revisions modify WEQ-001-25.4.6.5.3, WEQ-002-4.3.6.2, WEQ-002-4.3.6.3, and WEQ-013-6.3 as well as add two new data elements to WEQ-003. The WEQ OASIS Subcommittee held four multi-day meetings between April 2022 and July 2022 to develop the standards modifications. The thirty-day formal comment period began on July 19, 2022 and ended on August 17, 2022. The standards revisions were approved by the WEQ Executive Committee on October 18, 2022 and the NAESB WEQ membership ratified the standards on November 18, 2022.

Changes to Coordinate Interchange Standards

Included as part of Version 004 of the publication, NAESB revised the WEQ-004 Coordinate Interchange Business Practice Standards. Descriptions of the two final actions are included below:

- 1.) In response to Standards Request R20011, NAESB modified WEQ-004 to promote efficiency by streamlining the procedures entities should follow in the event of a system failure of the primary communication method used to manage interchange transactions - electronic tags (“e-Tags”). The revised WEQ-004, specifically WEQ-004-2.1 and WEQ-004-A, clarify the existing back-up procedures for e-Tagging and remove the requirements supporting outdated communication methods. The WEQ Coordinate Interchange Scheduling Subcommittee held five meetings from August 2020 to November 2020 and reviewed both the WEQ-004 standards and the NAESB e-Tagging Functional Specification for requirements that address tagging back-up procedures in instances of system or communication failures. No modifications were made to the NAESB e-Tagging Functional Specification. One comment in support of the revisions was received during the thirty-day formal industry comment period held from November 4, 2020 through December 4,

2020. On March 9, 2021, the WEQ Executive Committee approved the modifications and the NAESB WEQ membership ratified the revisions on April 9, 2021.

- 2.) Under 2020 WEQ Annual Plan Item 3.f, NAESB modified the WEQ-000 and WEQ-004 standards. The revisions add a new appendix to WEQ-004 to provide guidance and best practices to entities in the Eastern Interconnection that automate the net scheduled interchange (“NSI”) checkout process. The standards are intended to support and complement the NERC Reliability Standard INT-009-2.1 Implementation of Interchange, which requires balancing authorities to communicate net interchange information on a periodic basis with adjacent balancing authorities. Initially, the subcommittee discussed the development of a data specification that would include all data required to automate the NSI Checkout process; however, the participants could not reach a consensus and, instead, addressed the request through the drafting of standards to provide guidance for the implementation of such automation. In the recommendation containing the standards revisions, the subcommittee noted that the Western Interconnection’s use of the Western Electricity Coordinating Council (“WECC”) Interchange Tool would not be impacted by the automation efforts for the Eastern Interconnection. The WEQ Coordinate Interchange Scheduling Subcommittee met seven times between March 2020 and September 2020. A thirty-day formal comment period was held from September 22, 2020 to October 21, 2020. No comments were submitted. During its October 27, 2020 meeting, the WEQ Executive Committee approved the standards revisions and, on November 30, 2020, the NAESB WEQ membership ratified the standards.

Changes to Contracts Related Standards

Version 004 of the NAESB WEQ Business Practice Standards introduces the new *NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates* (“NAESB REC Contract”), its accompanying FAQ document, and the related technical implementation standards developed to facilitate the use of the NAESB REC Contract with digital technologies, such as blockchain. During a NAESB Annual Plan Subcommittee meeting in October of 2018, an item was proposed for the development of distributed ledger technology business practice standards to improve or replace the current manual Renewable Energy Certificate (“REC”) processes for accounting and reporting. Subsequently, the WEQ Executive Committee added the item to the active 2019 WEQ Annual Plan and assigned the effort to the WEQ and RMQ Executive Committees. To address the item, the Chairs of the WEQ and RMQ Executive Committees created a joint task force, the RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force, charged with gathering information on the current processes for accounting and reporting RECs in the voluntary market. Between June and August of 2019, the RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force held a series of four meetings to review the current industry REC processes and identify the voluntary REC contract framework in order to determine whether distributed ledger technologies in the area would be beneficial to the industry. Over the series of meetings, the RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force determined that a model contract and business practices to address data standardization would be beneficial. During the October 2019 WEQ and RMQ Executive Committees meetings, the work of the task force was reviewed and the WEQ and RMQ Executive Committees provided direction to the WEQ BPS and the RMQ BPS to begin a joint standards development effort in two parts. First, develop a new NAESB REC

Contract and FAQ document, and second, develop technical implementation business practice standards to support transactions utilizing distributed ledger technologies. Both efforts are detailed below.

- 1.) Developed under 2021 WEQ Annual Plan Item 6.b.i, the NAESB REC Contract is intended to standardize the terms and conditions for trading RECS in the voluntary market. The contract mirrors the *NAESB Base Contract for Sale and Purchase of Natural Gas* (“NAESB Base Contract”), as the NAESB Base Contract was leveraged to expedite the drafting of the NAESB REC Contract. The WEQ and RMQ Business Practice Subcommittees held twenty-five joint meetings from December 2019 to August 2021 to develop the NAESB REC Contract and its accompanying FAQ document. A thirty-day formal comment period concluded on September 2, 2021 with one set of comments proposing minor consistency changes to both the NAESB REC Contract and the FAQ document, and a second set of comments submitted by the WEQ SRS indicating that no further changes were need for consistency with other WEQ Business Practice Standards. In response, the WEQ and RMQ BPS held a joint meeting to review the formal comments submitted and to develop late formal comments proposing additional revisions. On October 5, 2021, the WEQ Executive Committee approved the recommendation as revised by the late comments of the subcommittees and was ratified by the WEQ membership on November 4, 2021. The RMQ Executive Committee applied identical revisions and approved the NAESB REC Contract on October 6, 2021 and RMQ membership ratified on November 4, 2021.
- 2.) Next, under 2022 WEQ Annual Plan Item 5.b.i, NAESB modified the WEQ-010 Contracts Related Business Practice Standards to include technical implementation business practice standards to support use the NAESB REC Contract with distributed ledger technologies. The technical implementation focuses on the automation of the manual processes for REC creation, accounting, and retirement in the voluntary REC markets consistent with the NAESB REC Contract. As a result of this effort, WEQ-010 contains new data dictionaries and code values that support the use of a digitalized contract. Additionally, the FAQ document was updated to incorporate information regarding the technical implementation.

The WEQ and RMQ BPS held sixteen joint meetings between July 19, 2021 and July 7, 2022 to develop technical implementation and revise the FAQ document in support of the NAESB REC Contract. A thirty-day formal comment period began on July 7, 2022 and concluded on May 18, 2022 with one set of formal comments proposing minor, non-substantive modifications and a second from the WEQ SRS indicating that no further revisions were needed for consistency with other WEQ standards. The WEQ and RMQ Business Practices Subcommittees held an additional joint meeting on August 29, 2022 to review the formal comments and to develop late formal comments proposing additional revisions. The technical implementation standards were approved by the WEQ Executive Committee as revised by the late comments of the joint subcommittees on October 18, 2022 and by the RMQ Executive Committee on October 19, 2022. The standards were ratified by both the NAESB WEQ and RMQ membership on November 18, 2022.

Modifications to Abbreviations, Acronyms, and Defined Terms

In addition to the consistency changes described above regarding WEQ-000, the Version 004 publication also includes a new cross-reference column displaying the abbreviations, acronyms, and definition of terms with their corresponding NAESB WEQ Standards. Additional changes to the WEQ OASIS Suite of Standards, WEQ-004 Coordinate Interchange Business Practice Standards, WEQ-008 Transmission Loading Relief (“TLR”) – Eastern Interconnection Business Practice Standards, WEQ-012 PKI Business Practice Standards WEQ-022 EIR Business Practice Standards and WEQ-023 Modeling Business Practice Standards were made to ensure consistency in the use of abbreviations, acronyms, and defined terms. Standards Request, R20013, was submitted on September 16, 2020 and requested the addition of the cross-reference column. In response to R20013, five WEQ annual plan items, 2021 WEQ Annual Plan Item 3.a which addressed the creation of the cross-reference in WEQ-000 and 2021 WEQ Annual Plan Items 3.a.i-3.a.iv, which tasked four different WEQ subcommittees with a review of the WEQ standards to ensure consistency in the use of abbreviations, defined terms, and acronyms.. The resulting standards changes are described below:

- 1.) To address 2021 WEQ Annual Plan Item 3.a, the WEQ SRS developed a recommendation modifying WEQ-000 to include a cross-reference that identifies in which suite of standards an abbreviation, acronym, or defined term appears. As part of the review, the WEQ SRS also removed nineteen defined terms that do not appear in the WEQ Business Practice Standards. The WEQ SRS met five times from October 2020 to March 2021 to develop the recommendation. The thirty-day formal comment period began on January 28, 2021 and concluded on March 1, 2021. One set of submitted formal comments proposed changes to maintain consistency with recent modifications from 2020 Annual Plan Item 3.f. The WEQ Standards Review Subcommittee met to review the formal comments on March 3, 2021 and to developed late formal comments to incorporate the additional proposed revisions. During its March 9, 2021 meeting, the WEQ Executive Committee approved the standards as revised by the late comments of the subcommittee. The NAESB membership ratified the modifications on April 9, 2021.
- 2.) Under 2021 WEQ Annual Plan Item 3.a.i, the WEQ OASIS Subcommittee modified WEQ-000, and the WEQ OASIS Suite of Business Practice Standards to create consistency in the use of defined terms, abbreviations, and acronyms. The recommendation modified the standards to capitalize defined terms and to utilize acronyms in the text of the standards. The WEQ OASIS Subcommittee met three times between March 2021 and May 2021 to develop the recommendation and held an additional meeting on June 22, 2021 to review the singular set of comments received during the formal comment period which concluded on June 22, 2021. In response, the WEQ OASIS Subcommittee met to review the formal comments and developed late formal comments in response to the formal comments as well as proposing additional revisions to the recommendation. The standards revisions were approved as revised by the late formal comments of the subcommittee by

the WEQ Executive Committee on October 5, 2021 and ratified by the NAESB WEQ membership on November 4, 2021.

- 3.) The WEQ Coordinate Interchange Scheduling Subcommittee developed a recommendation modifying WEQ-004 and WEQ-022 to address 2021 WEQ Annual Plan Item 3.a.ii. The revisions correct capitalization errors as well as ensure consistent use of acronyms and defined terms and update references to the NAESB e-Tagging Functional Specification. Additionally, two new terms, Entity Code and Net Scheduled Interchange were added to WEQ-000 and three definitions, e-Tag Approval Service, Market Operator, and Public Key Infrastructure Certificate Authority, were revised. The definition for the term Entity Code was coordinated with the WEQ CSS as the term is used both in WEQ-004 and WEQ-012. The Coordinate Interchange Scheduling Subcommittee held four meetings from April 2021 through August 2021 to revise the standards. A thirty-day formal comment period on the modified standards began on June 23, 2021 and concluded on July 23, 2021 with two sets of formal comments submitted that offered minor edits. The Coordinate Interchange Scheduling Subcommittee met on August 4, 2021 and developed late comments in response to the formal comments submitted. On October 5, 2021, the modifications as revised by the late formal comments of the subcommittee were adopted by the WEQ Executive Committee. The NAESB WEQ membership subsequently ratified the revised standards on November 4, 2021.
- 4.) The fourth recommendation developed to address Standards Request R20013 was assigned to the WEQ BPS under 2021 WEQ Annual Plan Item 3.a.iii. The recommendation modified the WEQ-008 and WEQ-023 standards to correct capitalization errors and ensure clarity in the use of defined terms. The recommendation also included modifications to update the cross-reference included in WEQ-000. The WEQ BPS met a total of three times in August of 2021 to address this annual plan item. A thirty-day formal comment period began on August 20, 2021 and concluded on September 20, 2021. On September 21, 2021, the WEQ BPS held another meeting to review one set of formal comments and developed formal comments in response. The standards were approved by the WEQ Executive Committee as revised by the late formal comments of the subcommittee on October 5, 2021. The NAESB WEQ membership subsequently ratified the revised standards on November 4, 2021.
- 5.) Finally, in response to Standards Request R21003 and 2021 WEQ Annual Plan item 3.a.iv the WEQ CSS developed a recommendation proposing changes to WEQ-012 to correct capitalization and redundancy errors and ensure consistent use of acronyms. The recommendation also included the addition of the term Entity Code to WEQ-000 standards as coordinated with the WEQ Coordinate Interchange Scheduling Subcommittee as the defined term is used both in WEQ-004 and WEQ-012. The WEQ CSS held four meetings from May of 2021 through July of 2021 to complete revisions to the standards. The thirty-day formal comment period started on July 13, 2021 and concluded on August 12, 2021 with one comment submitted proposing minor edits. The WEQ Executive Committee approved the recommendation as revised by the late comments of the subcommittee on

October 5, 2021 and the standards were ratified by the NAESB WEQ membership on November 4, 2021.

Minor Corrections

In addition to the substantive standards development efforts detailed above, Version 004 of the WEQ Business Practice Standards also includes modifications resulting from the NAESB Minor Correction Process. These minor corrections have been approved by the WEQ Executive Committee and wholly incorporated into the standards prior to publication. Below is a detailed description of MC22008, an effort undertaken in response to an informal request from DoE and Sandia National Laboratories during the 2019 Surety Assessment of the NAESB Business Practice Standards. Next, this section includes a table that provides a brief description of every minor correction included in Version 004. Appendix F contains additional information on all of the minor corrections. Per the NAESB Bylaws, 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 documentations; (c) clarifications or corrections to add code values to tables; and (d) clarifications and corrections that do not materially change a standard.

In 2017, NAESB announced that the DoE would fund a surety assessment of the NAESB Standards to be conducted by Sandia National Laboratories. As determined by Sandia National Laboratories and the DoE, the purpose of the surety assessment was to analyze cybersecurity elements within the NAESB Business Practice Standards. That assessment, the third such assessment of the standards, was conducted in 2019 and, as with previous assessments, resulted in modifications to the standards. The resulting changes to the WEQ Business Practice Standards were included as part of WEQ Version 003.3. and adopted by the Commission through its incorporation by reference process as part of FERC Order No. 676-J. As part of the 2019 surety assessment, the DoE and Sandia National Laboratories also provided an informal recommendation that NAESB should consider methods in which the timeline for development and adoption of cybersecurity standards could be expedited. Recognizing that immediate responses may be necessary to mitigate cybersecurity threats, the NAESB Board Strategy Committee held a series of meetings, beginning in November 2019, to discuss the informal recommendation and identified several possible actions that NAESB could take in response. One such action was to include and maintain all cybersecurity related requirements within a single suite of standards for each quadrant, to better facilitate the incorporation by reference process of WEQ Cybersecurity Related Business Practice Standards should the Commission determine to act upon them. After conferring with FERC staff, NAESB initiated activities to take this action by responding to Minor Correction MC22008 submitted by Southwest Power Pool on July 18, 2022. Under the minor correction, all NAESB WEQ Cybersecurity Related Business Practice Standards not included in WEQ-012 PKI Business Practice Standards were moved to a new suite of standards, the WEQ-024 Cybersecurity Business Practice Standards. This activity required the coordination of the WEQ CSS, WEQ BPS, WEQ Coordinate Interchange Scheduling Subcommittee, and WEQ OASIS Subcommittee and resulted in modifications to WEQ-001, WEQ-002, WEQ-004, WEQ-013 and WEQ-022. In total, thirteen existing standards were included in the new suite of cybersecurity-specific standards, including one standard from WEQ-022, one standard from WEQ-004, and eleven standards from WEQ-002.

The reorganization of the NAESB WEQ cybersecurity standards was approved by the WEQ Executive Committee on October 18, 2022. Per the NAESB procedures for adopting minor corrections, a two-week public comment period on the reorganized WEQ cybersecurity standards was held from October 19, 2022 through November 2, 2022. During the comment period, additional minor revisions for consistency in standards numbering and to correct a typographical error were proposed. On November 4, 2022, at the request of the WEQ Executive Committee Chair, a notational ballot was distributed to WEQ Executive Committee members and alternates for consideration of modifications proposed in a set of formal comments. The notational ballot closed on November 18, 2022, and the additional revisions proposed by the comments were approved by simple majority vote. The following table contains all of the minor corrections included in Version 004.

Effective Date	Minor Correction	Minor Correction Description
November 26, 2020	MC20012	Minor correction to WEQ-001 OASIS Business Practice Standards to correct references to the Electronic Tagging Functional Specification and the terms “e-Tag” and “OASIS ARef”
April 9, 2021	MC21001	Minor correction to WEQ-003 OASIS Data Dictionary Business Practice Standards to remove references to retired NERC Reliability Standard IRO-006-TRE-1
April 9, 2021	MC21003	Minor Correction to WEQ Version 003.3: WEQ-000, WEQ-015, and WEQ-021 for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000
November 18, 2022	MC22003	Minor Correction to NAESB WEQ Business Practice Standards, Version 003.3: WEQ-000, WEQ-001, WEQ-002, WEQ-003, WEQ-013 - minor inconsistencies in the version
November 18, 2022	MC22004	Minor Correction to NAESB WEQ Business Practice Standards, Version 003.3: WEQ-000, WEQ-001, WEQ-002, WEQ-003, WEQ-013 - minor inconsistencies in the version
November 18, 2022	MC22008	Proposed minor correction to WEQ Version 003.3 to move all WEQ cybersecurity-related business practices not included in WEQ-012 into a new suite of WEQ Business Practice Standards
November 18, 2022	MC22012	Minor Correction to NAESB WEQ Business Practice Standards, Version 003.3, WEQ-001 Open Access Same-Time Information System to correct some minor inconsistencies
April 27, 2023	MC23002	Minor Correction to NAESB WEQ Business Practice Standards, Version 003.3: WEQ-000 Abbreviations, Acronyms, and Definition of Terms, WEQ-001 Open Access Same-Time Information Systems (OASIS), WEQ-013 Open Access Same-Time Information Systems (OASIS) Implementation Guide, and WEQ-024 Cybersecurity to correct some minor inconsistencies
June 27, 2023	MC23007	Minor Correction to modify NAESB WEQ-008, Transmission Loading Relief (TLR) – Eastern Interconnection, Version 003.3 to be consistent with NERC’s decision to delete the NERC TLR log repository from the NERC website, making the repository no longer available to the NAESB Business Practice Standard WEQ-008-1.6.1, Version 3.3
June 27, 2023	MC23008	Minor Correction to correct inconsistencies and typographical errors and update references to NERC Reliability Standards in NAESB WEQ Business Practice Standards WEQ Version 003.3: WEQ-000 Abbreviations, Acronyms, and Definition of Terms,

Effective Date	Minor Correction	Minor Correction Description
		WEQ-004 Coordinate Interchange Business Practice Standards, WEQ-005 Area Control Error (ACE) Equation Special Cases, WEQ-006 Manual Time Error Correction, and WEQ-025 Grid Services Supporting Wholesale Electric Interactions

No Action Recommendations

Since the publication of Version 003.3, sixteen items have resulted in recommendations for no action. These annual plan items or standards requests were deemed to require no standards development activity by NAESB as they have either been addressed by other NAESB efforts or were evaluated and dismissed. When a subcommittee determines that standards development should not occur, the subcommittee develops a no action recommendation. Should the no action recommendation be voted on and approved by the subcommittee, the no action recommendation is posted for a thirty-day formal comment period. Following the close of the formal comment period, the applicable Executive Committee reviews any received formal comments and considers adoption of the no action recommendation by simple majority vote. No action recommendations do not require membership ratification as this process is only utilized for the creation, modification, or reservation of standards. Information on the sixteen no action recommendations can be found in the table below and in Appendix G.

Of particular note to the wholesale electric industry, two no action recommendations are concerned with additional aspects of cybersecurity and the coordination of the gas and electric commercial practices during weather-related emergency operating conditions.

In December of 2022, the NAESB Board of Directors approved the addition of 2023 WEQ Annual Plan Item 3.c, an item assigned to the WEQ CSS to determine whether Multi-Factor Authentication should be incorporated into the cybersecurity-related standards. The WEQ CSS held two meetings, one in January and the other in February of 2023, and voted out a no action recommendation in response to the annual plan item. In the recommendation, the subcommittee noted that the WEQ Business Practice Standards already incorporate Multi-Factor Authentication through the utilization of PKI digital certificates, issued by a NAESB ACA, to access both OASIS and the NAESB EIR, and also to secure e-Tagging communications. Additionally, WEQ-002-5.1.1 (moved to WEQ-024 as part of MC22008) requires dual-factor client authentication to access an OASIS node and the NAESB e-Tagging Functional Specification requires the additional use of security keys to authenticate an entity involved in the e-Tag messaging system. One comment in support of the no action recommendation was received from the WEQ SRS during the thirty-day formal comment period which concluded on March 10, 2023. The WEQ Executive Committee approved the no action recommendation during its March 28, 2023 meeting.

On November 23, 2021, after a review and unanimous endorsement by the NAESB Gas Electric Harmonization Committee and shortly after the issuance of the *FERC, NERC, and Regional Entity Staff Report: The February 2021 Cold Weather Outages in Texas and the South Central United States*, Standards Request R21006 was submitted to NAESB by Southwest Power Pool. The request proposed the development of standards to support improved communication between the natural gas and electric markets during weather-related emergency operating conditions.

The request proposed four specific standards development actions, three of which were assigned to the WEQ jointly with the WGQ and/or the RMQ:

Define a standard for the declaration of an Impending Extreme Weather-Related Emergency Operating Condition by balancing authorities and natural gas pipelines consistent with other industry designations which would include the development and definition of what might constitute an Impending Extreme Weather-Related Emergency Operating Condition (2022 WEQ Annual Plan Item 7.a.i – Assigned jointly to WEQ, WGQ, and RMQ BPS)

Create standard designations of critical electric infrastructure facilities during Impending Extreme Weather-Related Emergency Operating Conditions consistent with other industry designations (2022 WEQ Annual Plan Item 7.a.ii – Assigned to the WEQ BPS)

Create standard designations of critical natural gas infrastructure facilities that are essential to the operations of critical electric infrastructure facilities during Impending Extreme Weather-Related Emergency Operating Conditions consistent with other industry designations (2022 WGQ Annual Plan Item 5.a.ii – Assigned to the WGQ BPS)

Define standards and communication protocols that support information sharing between critical parties during Impending Extreme Weather-Related Emergency Operating Conditions (2022 WEQ Annual Plan Item 7.a.iii – Assigned jointly to WEQ, WGQ, and RMQ BPS)

On January 25, 2022, the WEQ, RMQ, and WGQ Executive Committees held a joint meeting and determined the order in which the items listed above would be addressed. Following that meeting, the joint RMQ, WEQ, and WGQ Business Practice Subcommittees held a kick off educational session on February 17, 2022 and four additional follow up meetings on March 1, 2021; March 16, 2021; April 12, 2022; and April 26, 2022. The joint subcommittees voted out a no action recommendation for 2022 WEQ Annual Plan Items 7.a.i and 7.a.iii noting that, while a consensus could not be reached regarding standards development to specifically address R21006, the joint subcommittees did identify several areas that may be appropriate for later potential standards development efforts. On June 1, 2022, the WEQ BPS met to consider 2022 WEQ Annual Plan Item 7.a.ii and voted out a no action recommendation that same day. The WEQ Executive Committee approved the no action recommendations for 2022 WEQ Annual Plan Item 7.a.i and 7.a.iii and 7.a.ii during its October 18, 2022 meeting. The WGQ and RMQ Executive Committees also voted out no action recommendations to parallel annual plan items in each of the quadrants. No standards modifications were made in response to R21006. The following table contains all of the no action recommendations considered during the development of Version 004.

Executive Committee Meeting Date	Recommendation	Recommendation Description
October 27, 2020	Standards Request R19013	Request for proposed enhancement to the e-Tag standard includes the ability share or preview a partially or fully completed e-Tag prior to submittal with entities on the tag.
October 27, 2020	2020 WEQ Annual Plan Item 3.b	Development of industry Business Practice Standards for the TP to be able to document any MW limitation on serving total load(s) as firm under the NITS Application at specific POD/Sink locations. This would be outside the scope of a load forecast (customer driven)
October 27, 2020	2020 WEQ Annual Plan Item 3.c	Development of industry Business Practice Standards for the need for expanding concept of generation groups. E.g., hierarchical groups - fleet, plant, unit
October 27, 2020	2020 WEQ Annual Plan Item 3.d	Development of industry Business Practice Standards to look into the optional nature be removed to require creating of Scheduling Rights (SRs) whether requested by the customer or generated by the TP
October 27, 2020	2020 WEQ Annual Plan Item 4.a and 4.b	4.a. Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities, 4.b. Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards and any other activities of NERC and the FERC related to cybersecurity
October 27, 2020	2020 WEQ Annual Plan Item 6.a	Develop and/or modify the NAESB Business Practice Standards as needed to address the Additional Findings and Considerations identified by Sandia National Laboratories
October 5, 2021	2021 WEQ Annual Plan Item 3.d	Review the NAESB WEQ OASIS Business Practice Standards addressing redirects and revise the standards as needed to support direction provided in the FERC Order on Clarification

Executive Committee Meeting Date	Recommendation	Recommendation Description
March 29, 2022	2021 WEQ Annual Plan Item 5/2021 WGQ Annual Plan Item 3	Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms
October 18, 2022	2022 WEQ Annual Plan Item 3.b.iii/Standards Request R21003	Review the Concomitant Business Practice Standards requests to support the release of PTP capacity to be paired with a new request for designation and revise the standards as needed
October 18, 2022	2022 WEQ Annual Plan Item 7.a.i and 7.a.iii/WGQ Annual Plan Items 5.a.i and 5.a.iii/RMQ Annual Plan Items 3.a.i and 3.a.ii/Standards Request R21006	Request for Standards Development to Support Coordinated Commercial Practices Between the Natural Gas and Electric Markets During Impending Extreme Weather-Related Emergency Operating Condition
October 18, 2022	2022 WEQ Annual Plan Item 7.a.ii/Standards Request R21006	Request to create standard designations of critical electric infrastructure facilities during impending extreme weather-related emergency operating conditions consistent with other industry designations
October 18, 2022	2022 WEQ Annual Plan Item 4.b	Request to evaluate and modify as needed standards to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards and any other activities of NERC and the FERC related to cybersecurity
October 18, 2022	2022 WEQ Annual Plan Item 2.b	Consistent with FERC Order No. 676-J, review the WEQ-023 Business Practice Standards and make modifications as necessary to improve the accuracy of ATC and related calculations
March 28, 2023	2023 WEQ Annual Plan Items 3.a and 3.b	Review annually, at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions/Evaluate and modify as needed standards to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards and any other activities of NERC and the FERC related to cybersecurity

Executive Committee Meeting Date	Recommendation	Recommendation Description
March 28, 2023	2023 WEQ Annual Plan Item 3.c	Review cybersecurity standards to determine if baseline Multi-Factor Authentication (MFA) should be integrated into standard requirements and develop supportive standards as needed
March 28, 2023	2023 WEQ Annual Plan Item 6.a.ii/Standards Request R22002	Develop and/or modify as needed WEQ OASIS related business practice standards to support industry implementation of FERC Order No. 881

NAESB Copyright Policy and Access to Standards

All NAESB standards are copyrighted and as such, protected by federal copyright laws. NAESB alone retains all rights to publication, reproduction, display, and distribution of the copyright protected standards. As a benefit of membership, NAESB members may obtain the standards free of charge as well as make use of hyperlinks directing authorized users to a password protected version of the standards. Non-members, which include agents, subsidiaries, and affiliates of NAESB members, can purchase the standards through the NAESB website.³⁴ Standards are available for purchase by an entire publication, by topic, or by final action prior to the publication of a new version. The costs of standards and final actions are available on the NAESB website. NAESB maintains a publicly available report of all members with access to the standards³⁵ as well as non-members who have obtained lawful access.³⁶

In accordance with federal copyright law, NAESB prohibits the reproduction of any portion of a copyright protected standard by any person or entity, including the reprinting of all or a portion of a NAESB copyright protected standard in any FERC compliance filing and/or tariff. Entities needing to reference a specific standard in these filings may refer to standard numbers; however, NAESB recognizes that there may be circumstances in which a reference to a standard number is not adequate for full comprehension. In such cases, NAESB maintains a self-executing waiver process. The self-executing waiver process allows NAESB members and non-members who have purchased the standards a limited waiver to utilize a full or partial quotation of copyright protected standards language.³⁷ Use of the self-executing waiver is limited to copyright protected 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, or 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 into an agreement with the Commission that

³⁴ The NAESB Materials Order Form should be used to order any NAESB materials. The order form lists the cost of each item and can be accessed through a link on the NAESB homepage.

³⁵ The report on NAESB membership is available through the following link: <https://naesb.org/pdf4/memstats.pdf>.

³⁶ The report containing non-members who have purchased copies of NAESB copyrighted materials is available at the following link: <https://naesb.org/pdf2/copyright.pdf>.

³⁷ The procedure regarding self-executing waivers can be accessed at the following link: https://naesb.org/pdf4/self-executing_waiver_procedure.pdf.

enables all entities, without using a self-executing 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 copyright protected standards as part of filings with the Commission and would be entitled to pursue legal action in such instances.

NAESB provides ample opportunities for non-members, including agents, subsidiaries, and affiliates of NAESB members, to obtain access to the copyrighted standards through a no-cost limited copyright waiver. The limited copyright waivers are issued by the NAESB office and are granted to non-members on a case-by-case basis for the purpose of evaluating standards prior to purchase and/or reviewing the standards to prepare comments to a regulatory agency. Following the granting of a limited copyright waiver, the non-member is provided with read-only access to the standards for a set period of time via Locklizard Safeguard Secure Viewer.³⁸ NAESB will grant one limited copyright waiver per company for each set of standards or final actions. Any entity seeking a limited copyright waiver should contact the NAESB office.

³⁸ For more information on Locklizard, please refer to the company's website: <https://www.locklizard.com>.

LIST OF NEW STANDARDS, STANDARDS MODIFICATIONS AND INTERPRETATIONS FOR VERSION 004

Request Cross Reference:

The request cross reference lists each standard either modified or created in Version 004, 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)
	002 OASIS Standards and Communication Protocols (S&CP)
	003 OASIS S&CP Data Dictionaries
	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
	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
	024 Cybersecurity Business Practice Standards
	025 Grid Services Supporting Wholesale Electric Interactions Business Practice Standards

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 (NHM)
001	8	Requirements 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	Consolidation
001	25	Preemption-ROFR Process
001	26	Managed Encumbrances (ME)
001	27	Dynamic E-Mail Notification Requirements
001	28	Curtailed Posting Requirements
001	29 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 – Extension or Termination for NITS Application
001	108	NITS – Managing Rollover Rights for DNRS
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	Implementation and Performance Requirements
002	6	Implementation Plan
002	7 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
004	0	RESERVED

004	1 to 3	Business Practice Standards
004	4	RESERVED
004	5 to 6	Business Practice Standards
004	7	RESERVED
004	8 to 15	Business Practice Standards
004	16	RESERVED
004	17 to 23	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	Appendix D - Commercial Timing Tables
004	E	Appendix E – Guidelines for Electronic NSI Checkout Systems
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 to 12	RESERVED
006	13	Manual Time Error Correction Participation
006	14	Interconnection Time Monitoring
006	15	Time Correction on Reconnection
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 Transactions and Intra-BA Transactions Priorities for Use with Interconnection wide TLR Procedures
008	3	Eastern Interconnection Procedure for Physical Curtailment of Interchange Transactions and Tagged PTP Intra-BA Transactions and Assignment of GTL Relief Obligations
008	A-D	RESERVED
009	0-6	RESERVED
010	1	NAESB Funds Transfer Agent Agreement (FTAA) - Electric Power
010	2	NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates
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 OASIS Template Implementation
013	4-5	RESERVED
013	6	Preemption-ROFR Process
013	7	Dynamic Notification
013	8 to 100	<i>RESERVED for growth in the development of future Business Practice Standards</i>
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	RESERVED
022	4	RESERVED
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 or AFC
024	1	OASIS Related Requirements
024	2	Coordinate Interchange Related Requirements
024	3	NAESB EIR Related Requirements
025	1	Utilization of Grid Services
025	2	Energy Grid Service
025	3	Reserve Grid Service
025	4	Regulation Grid Service
025	5	Frequency Response Grid Service
025	6	Voltage Management Grid Service
025	7	Blackstart Grid Service

Request Cross Reference			
Standard	Description	Request No.	Action
WEQ-000 Abbreviations, Acronyms, and Definition of Terms			
000-1	Abbreviations / Acronyms	WEQ 2020 Annual Plan Item 3.f (11/30/2020)	Add Abbreviation / Acronym “NSI – Net Scheduled Interchange”
000-1	Abbreviations / Acronyms	WEQ 2020 Annual Plan Item 3.a/R20013 (04/09/2021)	<p>Add the Abbreviations / Acronyms: “AC – Alternating Current” “CIP – Critical Infrastructure Protection” “CPP – Critical Peak Period” “kVA – Kilovoltamperes” “kVAh – Kilovoltamperes Hour” “kVAr – Kilovoltamperes reactive” “kVArh – Kilovoltamperes reactive Hour” “LCA – Load Control Area” “NSI – Net Scheduled Interchange” “RM – Rulemaking” “TOU – Time of Use”</p> <p>Delete the Abbreviations / Acronyms: “ASN.1 – Abstract Syntax Notation One” “CalConnect – Calendaring and Scheduling Consortium” “CF – Coordinated Flowgate” “DN – Distinguished Name” “EIDE – Electric Industry Data Exchange” “EISA – Energy Independence and Security Act” “ERO – Electric Reliability Organization” “FDDI – Fiber Distributed Data Interface” “FIX – Financial Information eXchange Protocol” “FR – Federal Regulator” “FTAA – Funds Transfer Agent Agreement” “FTP – File Transfer Protocol” “GLN – Global Location Number” “GOP – Generator Operator” “iCalendar – Internet Calendaring and Scheduling Core Object Specification” “IETF – Internet Engineering Task Force” “IRC Council – Independent System Operator/Regional Transmission Operator Council” “ISOs/RTOs – Independent System Operators/Regional Transmission Operators” “LA – Local Authority” “LDAP – Lightweight Directory Access Protocol” “LMP – Locational Marginal Pricing” “LSF – Load Shift Factor” “MP – Market Participant” “OpenSG – Open Smart Grid” “RFC – Request for Comments” “RM – Response Method” “RMA – Response Method Aggregation” “SGTF – Smart Grid Task Force” “SOC – Secretary of the Commission (FERC)” “SR – State Regulator” “TO – Transmission Owner” “UDO – Utility Distribution Operator”</p>

Request Cross Reference			
Standard	Description	Request No.	Action
000-1	Definition of Terms	MC21003 (04/09/2021)	Add the defined terms/definitions: “DR – Demand Response” add 000, 015 “MB/MA – Meter Before/Meter After” add 000, 015 “MBL – Maximum Base Load” add 015 “MGO – Metering Generator Output” add 015 “SO – System Operator” add 015
000-1	Abbreviations / Acronyms	WEQ 2021 Annual Plan Item 3.a.iv (11/04/2021)	Add the Abbreviations / Acronyms: IETF
000-1	Abbreviations / Acronyms	WEQ 2022 Annual Plan Item 4.a (11/18/2022)	Modify the Abbreviations / Acronyms: add “, 012” to TLS
000-1	Definition of Terms	MC22003 (11/18/22)	Modify “2.2” to “3.4” in OASIS Data Dictionary, OASIS Implementation Guide, and OASIS S&CP
000-1	Definition of Terms	MC22004 (11/18/22)	Modify “2.2” with “3.4” in OASIS Data Dictionary, OASIS Implementation Guide, and OASIS S&CP
000-1.1	Abbreviations / Acronyms	WEQ 2021 Annual Plan Item 3.a / R20013 (04/09/2021)	Add the Abbreviations / Acronyms: WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to provide a cross reference column to indicate which NAESB WEQ Business Practice Standards the abbreviations, acronyms, and definition of terms applies.
000-2	Definition of Terms	R20003 (11/30/2020)	Modify the defined terms/definitions: Relinquish
000-2	Definition of Terms	MC21003 (04/09/2021)	Modify the defined terms/definitions: Adjustment Window After-the-Fact Metering Aggregated Demand Response Baseline Baseline Adjustment Baseline Window Capacity Service Demand Demand Resource Demand Response (DR) Demand Response Event Demand Response Provider Energy Service Governing Documents Measurement and Verification (M&V) Normal Operations Performance Window Regulation Service Release/Recall Reserve Service Resource System Operator (SO)

Request Cross Reference			
Standard	Description	Request No.	Action
000-2	Definition of Terms	WEQ 2021 Annual Plan Item 3.a / R20013 (04/09/2021)	Modify the defined terms/definitions: Affiliate Data Universal Numbering System (DUNS) Number Meter Data Recording Interval 'to' Meter Data Reporting Interval Response Method Aggregation Delete the following defined terms/definitions: Business Entity Certification Path Code Role pair Compliance Registry Electric Reliability Organization (ERO) Federal Regulator (FR) Global Location Number (GLN) Hypertext Markup Language (HTML) Form Load Shift Factor (LSF) Local Authority (LA) Participant Per Generator Method Policy Qualifier Recovery Period Region Regulator Set of Provisions State Regulator (SR) Supporting Objects
000-2	Definition of Terms	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Modify the defined terms/definitions: Interconnection Time Monitor Time Error Time Error Correction
000-2	Definition of Terms	WEQ 2021 Annual Plan Item 3.a.ii (11/04/2021)	Modify defined terms/definitions: e-Tag Approval Service Inadvertent Interchange Public Key Infrastructure Certificate Authority (PKICA) Add the following defined terms/definitions: Entity Code Net Scheduled Interchange (NSI)
000-2	Definition of Terms	WEQ 2021 Annual Plan Item 3.a.iv (11/04/2021)	Add definition of terms/definitions: Entity Code Modify "Market Participant to add "012,"
000-2	Definition of Terms	R21002 (11/04/2021)	Modify definition of terms/definitions: System Operating Limit
000-2	Definition of Terms	WEQ 2021 Annual Plan Item 1.a/R20008 (10/05/2021)	Modify definition of terms/definitions to add: "005" to "Regulation Service" and "Telemetry"

Request Cross Reference			
Standard	Description	Request No.	Action
000-2	Definition of Terms	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify definition of terms/definitions to add: “008” to Governing Documents “023” to Seams Agreement “008” to Zone
WEQ-001 Open Access Same-Time Information Systems (OASIS) Business Practice Standards			
001-2.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording
001-2.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR” wording
001-2.2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “FIRM” to “Firm”
001-2.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording
001-2.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording
001-2.5	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording
001-3.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording in the last paragraph. Modify the following reference “(See Business Practice Standard WEQ-013-3.1 for registration requirements.)”
001-3.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Independent System Operators” to “ISOs”
001-3.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording
001-3.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to remove “in the EIR’ wording
001-3.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Regional” to “regional”
001-4.10.5	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-4-10.5” to “001-4.10.5”
001-4.13	Business Practice Standard	WEQ 2021 Annual Plan Item 3.e.i/R21003 (04/28/2022)	Modify Timing Table 4-2 to apply timing extensions necessary to account for human performance
001-4.13	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “pre-exemption” to “preemption”

Request Cross Reference			
Standard	Description	Request No.	Action
001-5	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Primary” to “primary”
001-6.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Balancing Authority” to “BA”
001-6.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “WEQ-013-4.1.1” to “WEQ-013-C”
001-7	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add the following abbreviation: “NHM”
001-7.2	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards.
001-7.13	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards.
001-8.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add the following abbreviation: “DoS”
001-8.1.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to remove “pursuant to the provisions in NAESB Business Practice Standard WEQ-001-1.5(d)”
001-9.1	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
001-9.1.3.3	Business Practice Standard	R20003 (11/30/2020)	Delete Business Practice Standard and mark as RESERVED.
001-9.5.4	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
001-9.5.4.1	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” and adding “pro forma”
001-9.5.4.2	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.3	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.4	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.4.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-9.5.4.5	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.1	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.

Request Cross Reference			
Standard	Description	Request No.	Action
001-9.5.4.5.2	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.3	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.4	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.5	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.6	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.6	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-9.5.4.5.7	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.8	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.9	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.10	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.4.5.11	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.5	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.5.1	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.5.2	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.5.5.2	Business Practice Standard	MC22004 (11/18/2022)	Minor Correction to change “001.9.5.5.2” to “001-9.5.5.2”
001-9.5.5.3	Business Practice Standard	R20003 (11/30/2020)	Add Business Practice Standard as needed per Order 676-I.
001-9.6.2	Business Practice Standard	R20003 (11/30/2020)	Delete Business Practice Standard and mark as RESERVED
001-9.6.3	Business Practice Standard	R20003 (11/30/2020)	Delete Business Practice Standard and mark as RESERVED
001-9.7.3.1	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify the standard by: changing “may waive the right” to “much choose” add “or to waive” remove “submitted on OASIS”

Request Cross Reference			
Standard	Description	Request No.	Action
001-9.7.3.2	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify the standard to add a period after “Business Practice Standards” Change “and the” to “The” to read “Business Practice Standards. The Eligible...” Add the word “shall” and remove “s” to read “Parent Reservation shall remain unchanged.”
001-9.7.3.3	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Add new business practice
001-9.7.3.4	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Add new business practice
001-9.7.3.5	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Add new business practice
001-9.7.5	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify the standard by changing “shall not be allowed” to “must explicitly indicate the intention” change “waive the conveyance of” to “to convey” add a period after “rollover rights” change “;however, the” to “The” to read “to convey rollover rights. The Transmission...”
001-10.4.2	Business Practice Standard	R20010 (11/30/2020)	Modify Business Practice Standard with enhancements to Redirect Examples
001-10.5.1	Business Practice Standard	R20010 (11/30/2020)	Modify Business Practice Standard with enhancements to Redirect Examples
001-10.5.1.1	Business Practice Standard	R20010 (11/30/2020)	Modify Business Practice Standard with enhancements to Redirect Examples
001-10.5.2	Business Practice Standard	R20010 (11/30/2020)	Modify Business Practice Standard with enhancements to Redirect Examples
001-10.6.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “pre-emption” to “Preemption”
001-10.8	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards.
001-11	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
001-11	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-11.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-11.1.5	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.

Request Cross Reference			
Standard	Description	Request No.	Action
001-11.1.6	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
001-12.1.6	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “Resell” to “Resale”
001-13.1.5	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to remove “Information” from “CEII Information” to create “CEII”
001-13.1.5	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to change “WEQ-002-3.1” to “WEQ-024X-1.2.1”
001-13.2.3.2	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to add “and WEQ-024X-1.2” to the Business Practice Standard
001-14.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-14.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-14.1.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-14.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-15	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-15.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-15.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Constrained” to “constrained”
001-17	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “load” to “Load”
001-17	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “and” to “AND”
001-17.5.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “zone” to “Zone”
001-17.6.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “zone” to “Zone”
001-17.6.5	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to add “.5” to the business practice standard to create “WEQ-001-13.1.5”
001-20.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to capitalize “renewal” from “outstanding pending renewal requests on Redirects”
001-21	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Regional” to “regional”
001-21.5.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Regional” to “regional”

Request Cross Reference			
Standard	Description	Request No.	Action
001-24.1.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-24.2.4	Business Practice Standard	WEQ 2022 Annual Plan Item 3.c/R21004 (11/18/2022)	Modify Business Practice Standards to replace “s OASIS shall” with “may” Remove “timing of a Consolidation, either” Add “and/” to read “submissions times and/or service duration” Replace “,except that with “of a Consolidation, consistent with regulations and filed tariffs.”
001-24.2.4.1	Business Practice Standard	WEQ 2022 Annual Plan Item 3.c/R21004 (11/18/2022)	Modify Business Practice Standards to: add “The Transmission Provider shall ensure” replace “must be” with “are” add a period at the end of the sentence
001-24.2.4.2	Business Practice Standard	WEQ 2022 Annual Plan Item 3.c/R21004 (11/18/2022)	Modify Business Practice Standards to replace “and that” with “The Transmission Provider shall ensure” change “shall” to “is” Remove “be”
001-25.1.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to replace “matching” with “MATCHING” and “remaining” with “REMAINING”
001-25.1.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Rollover Rights” to “rollover rights”
001-25.1.5	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to remove an extra “e” in “Preemption”
001-25.1.7	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-25.1.7	Business Practice Standard	R21005 (11/18/2022)	Modify rows 3h, 4, 5, 7i, 8 add new row to create row 9 change existing “9” to “10” Modify Notes for Table 25-3 to add reference 6
001-25.1.8	Business Practice Standard	WEQ 2021 Annual Plan Item 3.e.i/R21003 (04/28/2022)	Modify Timing Table 25-4 to apply timing extensions necessary to account for human performance
001-25.2.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “flowgate(s)” to “Flowgate(s)”
001-25.3.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “flowgates” to “Flowgates”
001-25.3.1.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “ <u>pro forma</u> ” to “pro forma”
001-25.4.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “flowgates” to “Flowgates”
001-25.4.3.4.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to update “Business Practice” to “Business Practice Standards”

Request Cross Reference			
Standard	Description	Request No.	Action
001-25.4.6.1.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.1.3	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.2.4	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.2.5	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.2.6	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.2.7	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.2.8	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING” and “remaining” to “REMAINING”
001-25.4.6.2.9	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “available transfer capability” to “ATC”
001-25.4.6.2.9	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING” and “remaining” to “REMAINING”
001-25.4.6.2.9.1	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.3.1	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.3.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.4.1	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.5.1	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.5.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING” and “remaining” to “REMAINING”
001-25.4.6.5.3	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.ii/R21003 (11/18/2022)	Modify Business Practice Standard to add a colon after “shall” under a) and b) For 1 under a) and b), capitalized “Accept”, remove the period, and add a comma Modify to add lines 2 and 3 for both a) and b)
001-25.4.6.5.3	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING” and “remaining” to “REMAINING”
001-25.4.6.6	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.6.1	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.6.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”

Request Cross Reference			
Standard	Description	Request No.	Action
001-25.4.6.6.3	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “matching” to “MATCHING”
001-25.4.6.7.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “available transfer capability” to “ATC”
001-25.4.6.7.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.6.7.2.2	Business Practice Standard	MC22012 (11/18/2022)	Minor correction to change “remaining” to “REMAINING”
001-25.4.7.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-25-4.7.3” to “001-25.4.7.3”
001-27	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to modify the title “DYNAMIC NOTIFICATION REQUIREMENTS” to create “DYNAMIC E-MAIL NOTIFICATION REQUIREMENTS”
001-27.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-27.5	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-27.5.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-27.5.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-27.5.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-28.1.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-28-1.1” to “001-28.1.1”
001-28.1.1.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-28-1.1.1” to “001-28.1.1.1”
001-28.1.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-28-1.2” to “001-28.1.2”
001-28.1.2.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-28-1.2.1” to “001-28.1.2.1”
001-28.1.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-28-1.3” to “001-28.1.3”

Request Cross Reference			
Standard	Description	Request No.	Action
001-28.1.3.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001-28-1.3.1” to “001-28.1.3.1”
001-101.12.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add “ME” And change “Source” to “source”
001-101.13.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “sink”
001-101.13.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “sink”
001-101.13.2.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “sink” and “Sinks” to “sinks”
001-101.13.2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “sink”
001-101.13.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “sink”
001-101.13.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “sink”
001-102.5.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Network Service” to “NITS”
001-103.5.2.5	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-103.5.2.5.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-103.6.2.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-103.6.2.4.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-105.2.6.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “CR ACCEPTED” to “CR_ACCEPTED”
001-105.3.2.2.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001- 105.3.2.2.1” to “001-105.3.2.2.1”

Request Cross Reference			
Standard	Description	Request No.	Action
001-105.3.3.1.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001- 105.3.3.1.2” to “001-105.3.3.1.2”
001-105.4.1.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001- 105.4.1.2” to “001-105.4.1.2”
001-105.4.2.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001- 105.4.2.1” to “001-105.4.2.1”
001-105.5.2.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001- 105.5.2.2” to “001-105.5.2.2”
001-105.6.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Network” to “NITS” In example 9-2 add “Reservation” change “Capacity Eligible for Rollover” to “Eligible Rollover Capacity” change “Point to Point Transmission Service” to “PTP”
101-105.6.1.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-106.1.4	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “001- 106-1.4” to “001-106.1.4”
001-106.1.4.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “CR ACCEPTED” to “CR_ACCEPTED”
001-107	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to change “NITS – Modification of NITS Application STOP_TIME” to “NITS – Extension or Termination for NITS Application”
001-107.1.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-107.1.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-107.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-107.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.

Request Cross Reference			
Standard	Description	Request No.	Action
001-108	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “NITS – Managing Rollover Rights for DNRS” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.1.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.1.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.1.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.3.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.5	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.

Request Cross Reference			
Standard	Description	Request No.	Action
001-108.5.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.5.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.5.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.5.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.6	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.6.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.6.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.6.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.7	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.7.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.

Request Cross Reference			
Standard	Description	Request No.	Action
001-108.7.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.7.2.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.7.2.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.8	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.9	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.9.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.10	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.11	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.12	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-108.13	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
001-B	Appendix	R20010 (11/30/2020)	Modify Business Practice Standard with enhancements to Redirect Examples
WEQ-002 Open Access Same-Time Information System (OASIS) Standards & Communication Protocols			

Request Cross Reference			
Standard	Description	Request No.	Action
002-2	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete and mark as “RESERVED. Moved to WEQ-024-1.1”
002-2.1	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.1.1 RESERVED. Moved to WEQ-024-1.1.1.a RESERVED. Moved to WEQ-024-1.1.1.b RESERVED. Moved to WEQ-024-1.1.1.c RESERVED. Moved to WEQ-024-1.1.1.d RESERVED. Moved to WEQ-024-1.1.1.e
002-2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Interface Requirements” to “interface requirements”
002-2.2	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.1.2 RESERVED. Moved to WEQ-024-1.1.2.a RESERVED. Moved to WEQ-024-1.1.2.b RESERVED. Moved to WEQ-024-1.1.2.c RESERVED. Moved to WEQ-024-1.1.2.d
002-2.3	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.1.3 RESERVED. Moved to WEQ-024-1.1.3.a RESERVED. Moved to WEQ-024-1.1.3.b RESERVED. Moved to WEQ-024-1.1.3.c
002-2.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Interface Requirements” to “interface requirements”
002-2.4	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.1.4 RESERVED. Moved to WEQ-024-1.1.4.a RESERVED. Moved to WEQ-024-1.1.4.b RESERVED. Moved to WEQ-024-1.1.4.c
002-2.5	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.1.5 RESERVED. Moved to WEQ-024-1.1.5.a RESERVED. Moved to WEQ-024-1.1.5.b
002-3.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “issuing certificate authority” to “Issuing Certificate Authority” change “certificate” to “Certificate”

Request Cross Reference			
Standard	Description	Request No.	Action
002-3.1	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.2.1 RESERVED. Moved to WEQ-024-1.2.1.a RESERVED. Moved to WEQ-024-1.2.1.b RESERVED. Moved to WEQ-024-1.2.1.c
002-4.2.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add “3 or”
002-4.2.7.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “carriage return plus line feed” to “CRLF”
002-4.2.7.6	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “CSV-Formatted” to “CSV Formatted”
002-4.2.8.2	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards.
002-4.2.10.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-4.2.11	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “002-4.2.13” to “013-2.3” to create “WEQ-013-2.3”
002-4.3.2.1	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to remove “NAMELY”
002-4.3.4.1	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards.
002-4.3.4.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “point of receipt” to “POR” replace “delivery” with “POD”
002-4.3.4.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.c (11/04/2021)	Modify Business Practice Standard to add the following to reduction OASIS template: SERVICE_INCREMENT TS_CLASS OFFER_PRICE IMPACTING_CUST IMPACTING_POR IMPACTING_POD IMPACTING_SOURCE IMPACTING_SINK IMPACTING_MWR IMPACTING_MWG
002-4.3.4.4	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “hourly” to “HOURLY” and “daily” to “DAILY”

Request Cross Reference			
Standard	Description	Request No.	Action
002-4.3.5.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-4.3.6.1	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify the standard to add: “An unspecified value (null) in the ROLLOVER_WAIVED field indicates to the Transmission Provider that the Transmission Customer is submitting a request that is not eligible for the conveyance of rollover rights on an alternate path. “Specification of a value N in the ROLLOVER_WAIVED field indicates to the Transmission Provider that the Transmission Customer is requesting conveyance of any potential rollover (renewal) rights that is available in association with the requested service.”
002-4.3.6.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to remove “REDIRECT” and adding “Redirect” Removed “RESALE” and added “Resale” Removed “RESALE’s” and added “Resale’s”
002-4.3.6.3	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.ii/R21003 (11/18/2022)	Modify Business Practice Standard to add “After the acceptance of a MATCHING profile, the EXTENSION_FLAG shall be incremented. The SERVICE_UPDATE_FLAG shall be incremented when the SERVICE_INCREMENT is extended or increased by the accepted MATCHING profile.” Added “EXTENSION_FLAG and SERVICE_UPDATE_FLAG” under Response
002-4.3.6.6	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “RESALE” to “Resale” change “REDIRECT” to “Redirect”
002-4.3.6.6.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “available transfer capability” to “ATC”
002-4.3.6.7	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add “(ME)” to create “The Managed Encumbrance (ME)” change “query variable” to “Query Variable”
002-4.3.6.7.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add “(ME)” to create “Managed Encumbrance (ME) Request”
002-4.3.6.7.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add “(ME)” to create “The Managed Encumbrance (ME) Status” change “query variable” to “Query Variable”

Request Cross Reference			
Standard	Description	Request No.	Action
002-5	Business Practice Standard	MC22008 (11/18/2022)	<p>Minor correction to remove “security,” in “...many issues, such as security, sizing, response...”</p> <p>add “Security parameters have been moved to WEQ-024X-1.3, WEQ024X-1.3.1, WEQ-024X-1,3,1,1, WEQ-024X-1.3.2, and WEQ-024X-1.3.3.” to the end of the paragraph.</p> <p>Removed the bullets: “TSIPs shall apply industry-recognized “best practices” in their implementation and maintenance of OASIS Nodes and supporting infrastructure, including but not limited to:</p> <p>Use cryptographic security modules conforming to National Institute of Standards and Technology Federal Information Processing Standards Publication 140-3 (NIST FIPS PUB 140-3) or subsequently approved standards</p> <p>Incorporate firewalls, intrusion detection and intrusion prevention systems</p> <p>Ensure OASIS applications are secure against common industry recognized vulnerabilities, such as those published by the Open Web Application Security Project (OWASP)</p> <p>Implement guidelines for user passwords and authentication as recommended in NIST Special Publication 800-63B or newer revisions</p> <p>Apply the latest security-related software patches and updates in a timely, ideally within seven days after the patch or update becomes available</p> <p>Perform vulnerability scans of OASIS applications at least quarterly and penetration testing of OASIS applications at least annually</p> <p>Conduct business continuity and disaster recovery exercises at least annually</p> <p>Conduct a review of the OASIS Node implementation to incorporate any needed changes based on updated industry-recognized “best practices” at least annually”</p>
002-5.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Services” to “Service”

Request Cross Reference			
Standard	Description	Request No.	Action
002-5.1	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete the business practice standard and add: RESERVED. Moved to WEQ-024-1.3.1 RESERVED. Moved to WEQ-024-1.3.1.a RESERVED. Moved to WEQ-024-1.3.1.b RESERVED. Moved to WEQ-024-1.3.1.c RESERVED. Moved to WEQ-024-1.3.1.d RESERVED. Moved to WEQ-024-1.3.1.e RESERVED. Moved to WEQ-024-1.3.1.f RESERVED. Moved to WEQ-024-1.3.1.g RESERVED. Moved to WEQ-024-1.3.1.h RESERVED. Moved to WEQ-024-1.3.1.i RESERVED. Moved to WEQ-024-1.3.1.j RESERVED. Moved to WEQ-024-1.3.1.k RESERVED. Moved to WEQ-024-1.3.1.l RESERVED. Moved to WEQ-024-1.3.1.m
002-5.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “certificates” to “Certificates”
002-5.1.1	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024-1.3.1.1
002-5.1.2	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete the business practice standard and add: RESERVED. Moved to WEQ-024-1.3.2
002-5.1.3	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete the business practice standard and add: RESERVED. Moved to WEQ-024-1.3.3
002-5.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Account” to “account”
002-5.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Users” to “users” Added the word “Transmission” to create “...logged on to a Transmission Provider account.”
002-5.7	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to remove “OASIS S&CP Version”
002-6	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary. Modify Business Practice Standard “Implementation Plan” from version 3.3 to 3.4 and 2.2 to 3.3

Request Cross Reference			
Standard	Description	Request No.	Action
002-6.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard “DATA ELEMENT CONVERSION and CROSS REFERENCE” from Version 2.2 to 3.3 and Version 3.3 to 3.4 to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.2.7.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “query variable” to “Query Variable” change “carriage return and line feed” to “CRLF” change “data element” to “Data Element”
002-101.2.7.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “query variable” to “Query Variable”
002-101.2.10.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data element” to “Data Element”
002-101.2.10.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.2.10.3.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to change “E-mail Notification” to “E-mail Notification for NITS Request Change” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.2.10.3.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to add “for NITS Request Change” in the title change “data element” to “Data Element”
002-101.2.10.3.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “E-mail Notification for Preemption-ROFR Process” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.2.10.3.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “E-mail Notification for NITS Renewal Notification” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.2.11	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “Ancillary” to “ancillary”
002-101.2.12	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “Ancillary Services” to “ancillary services”

Request Cross Reference			
Standard	Description	Request No.	Action
002-101.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify the Business Practice Standard “INPUT/RESPONSE Template Descriptions” as follows: INPUT Template - NewNITSRequest Add new REQUEST Template –SetNITSNotification REQUEST Template – NewNITSApplication change “NITS OASIS Request” to “NITS OASIS REQUEST” in the description. REQUEST Template – AddNITSDNR add the Data Template and Description “NITSRolloverCapacity” and “NITSRolloverSchedulingRights”
002-101.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “Ancillary Services” to “ancillary services”
002-101.3.1.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “confirmed” to “CONFIRMED” change “data element” to “Data Element”
002-101.3.2.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Entity” to “entity” change “data element” to “Data Element”
002-101.3.2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data element” to “Data Element”
002-101.3.2.4	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “ModifyNITSService” to “ ModifyNITSService ”
002-101.3.2.5	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “ModifyNITSCustomer” to “ ModifyNITSCustomer ”
002-101.3.2.8	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “sink” to “SINK”
002-101.3.2.9	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “load” to “Load”
002-101.3.2.14	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.2.14	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “sink” to “SINK” change “source” to “SOURCE”

Request Cross Reference			
Standard	Description	Request No.	Action
002-101.3.2.15	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.2.15	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Source” to “SOURCE”
002-101.3.2.17	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Source” to “SOURCE” change “Sink” to “SINK”
002-101.3.2.19	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “coordinated requests” to “Coordinated Requests”
002-101.3.2.20	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “designated” to “Designated”
002-101.3.2.21	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “Request to Acknowledge NITS Renewal (SetNITSNotification NITS OASIS REQUEST Template)” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.3	Business Practice Standard	WEQ Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: AGENT_EMAIL, STATUS_NOTIFICATION,
002-101.3.3.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “NITSAgent” to “ <i>NITSAgent</i> ”
002-101.3.3.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Sink” to “SINK” Modify the definition for the following Data Elements: LOAD_SUBSTATION, LOAD_VOLTAGE, SINK
002-101.3.3.6	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “a” from “must be uniquely identified by a Eligible Customer” to “an” change “WAR” to “MVar” to create “MW/MVar”
002-101.3.3.7	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data_elements” to “Data Elements”

Request Cross Reference			
Standard	Description	Request No.	Action
002-101.3.3.10	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.10	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “source” to “SOURCE” change “data element” to “Data Element” Add “re-“ to “designated” Modify the definition for the following Data Elements: CG_STATUS
002-101.3.3.11	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.11.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “DNR Rollover Capacity (NITSRolloverCapacity NITS OASIS DATA Template) to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.12	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: SOURCE, SINK
002-101.3.3.12.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “DNR Rollover Scheduling Rights (NITSRolloverSchedulingRights NITS OASIS DATA Template) [optional]” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.3.3.12.1	Business Practice Standard	MC22004 (11/18/2022)	Minor Correction to change “optional” to “Optional”
002-101.3.3.18	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Firm” to “firm” Under PTPService Data Element List – Request/Query Response change “data element” to “Data Element” in Usage for: CONCOMITANT_EVAL_FLAG

Request Cross Reference			
Standard	Description	Request No.	Action
002-101.3.3.18	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	<p>Modify the standard to add:</p> <p>“An unspecified value (null) in the ROLLOVER_WAIVED field indicates to the Transmission Provider that the Transmission Customer is submitting a request that is not eligible for the conveyance of rollover rights on an alternate path.</p> <p>Specification of a value N in the ROLLOVER_WAIVED field indicates to the Transmission Provider that the Transmission Customer is requesting conveyance of any potential rollover (renewal) rights that is available in association with the requested service.</p> <p>Specification of a value Y in the ROLLOVER_WAIVED field indicates to the Transmission Provider that the Transmission Customer is voluntarily waiving the conveyance of any potential rollover (renewal) rights that may otherwise be available in association with the requested service.”</p> <p>Modified the following data elements: ROLLOVER_WAIVED (Required) ROLLOVER_WAIVED (May be null)</p>
002-101.3.3.18	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “Firm” to “firm”
002-101.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	<p>Modify the Business Practice Standard “Query/Response Template Summary” as follows:</p> <p>QUERY Template – QueryNITSRequestDetails</p> <p>OBJECT Template – AddNITSDNR add the DATA Template “NITSRolloverCapacity” and “NITSRolloverSchedulingRights”</p> <p>Add new QUERY Template – QueryNITSRollover</p> <p>OBJECT Template – NITSRollover add the DATA Template “NITSRolloverCapacity” and “NITSRolloverSchedulingRights”</p>
002-101.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “query variables” to “Query Variables”
002-101.4.1.2	Business Practice Standard	WEQ 2020 Annual Plan Item 3.e (November 30, 2020)	<p>Modify Business Practice Standard “QueryNITSRequestDetails” NITS OASIS QUERY Template to add the following new Query Variables:</p> <p>RESOURCE_NAME_LIST APPLICATION_NAME_LIST POD_LIST POR_LIST SINK_LIST SOURCE_LIST</p>
002-101.4.1.3	Business Practice Standard	WEQ 2020 Annual Plan Item 3.e (November 30, 2020)	<p>Modify Business Practice Standard “QueryNITSApplication” NITS OASIS QUERY Template to add the following new Query Variable:</p> <p>APPLICATION_NAME_LIST</p>

Request Cross Reference			
Standard	Description	Request No.	Action
002-101.4.1.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “query variable” to “Query Variable” change “above named” to “above-named”
002-101.4.1.4	Business Practice Standard	WEQ 2020 Annual Plan Item 3.e (November 30, 2020)	Modify Business Practice Standard “QueryNITSDNR” NITS OASIS QUERY Template to add the following new Query Variable: APPLICATION_NAME_LIST
002-101.4.1.5	Business Practice Standard	WEQ 2020 Annual Plan Item 3.e (November 30, 2020)	Modify Business Practice Standard “QueryNITSSchedulingRights” NITS OASIS QUERY Template to add the following new Query Variable: APPLICATION_NAME_LIST
002-101.4.1.5	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Secondary” to “secondary”
002-101.4.1.6	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “Query NITS Rollover Rights (QueryNITSRollover NITS OASIS QUERY Template) to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
002-101.4.2.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
002-101.4.2.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Interface” to “interface” Modify the definition for the following Data Elements: PATH_NAME, SOURCE, SINK
002-101.4.2.5	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “NITS Rollover Rights Object (NITSRollover NITS OASIS OBJECT Template) to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
002-101.4.3.11.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “DNR Rollover Capacity (NITSRolloverCapacity NITS OASIS DATA Template) to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
002-101.4.3.12	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to add “[optional]”
002-101.4.3.12	Business Practice Standard	MC22004 (11/18/2022)	Minor Correction to change “optional” to “Optional”

Request Cross Reference			
Standard	Description	Request No.	Action
002-101.4.3.12.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “DNR Rollover Scheduling Rights (NITSRolloverSchedulingRights NITS OASIS DATA Template) [optional]” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
002-101.4.3.12.1	Business Practice Standard	MC22004 (11/18/2022)	Minor Correction to change “optional” to “Optional”
002-101.5	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data elements” to “Data Elements”
002-101.6.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: CONTINUATION_FLAG, PATH_NAME, POINT_OF_DELIVERY, SINK
002-101.6.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Network Services” to “NITS” Modify the definition for the following Data Elements: CONTINUATION_FLAG, POINT_OF_DELIVERY, SINK
WEQ-003 Open Access Same-Time Information Systems (OASIS) Data Dictionary			
003-0	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards in the following Data Elements: TRANSACTION_ID, TRANSACTION_TYPE
003-0	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add the following new Data Elements: RELATED_RESOURCE, RENEWAL_EFFECTIVE_TIME, START_RENEWAL_DUE_TIME, START_RENEWAL_EFFECTIVE_TIME, STOP_RENEWAL_DUE_TIME, STOP_RENEWAL_EFFECTIVE_TIME, Modify the definition for the following Data Elements: AS_TYPE, LEAD_DAYS, OTHER_CURTAILMENT_PRIORITY, REPEAT_DAYS, SERVICE_INCREMENT, TS_CLASS, TS_PERIOD, TS_TYPE, TS_WINDOW
003-0	Business Practice Standard	WEQ 2020 Annual Plan Item 3.e (November 30, 2020)	Add the following new Data Elements: RESOURCE_NAME_LIST, APPLICATION_NAME_LIST, POD_LIST, POR_LIST, SINK_LIST, SOURCE_LIST
003-0	Business Practice Standard	R20003 (11/30/2020)	Modify the Data Element “REQUEST_TYPE” definition of RELINQUISH as needed per Order 676-I.

Request Cross Reference			
Standard	Description	Request No.	Action
003-0	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (10/04/2021)	Modify the definition for the following Data Elements: CAPACITY, CAPACITY_CURTAILED, DATA, GCA_CODE, LCA_CODE, OPTIONAL_CODE, OTHER_CURTAILMENT_PRIORITY, PATH_CODE, PATH_NAME, REGION_CODE, REQUEST, REQUEST_TYPE (cont.), RESOURCE_CLASS, SYSTEM_ATTRIBUTE, SYSTEM_ELEMENT_TYPE, TRANSACTION_TYPE
003-0	Business Practice Standard	WEQ 2021 Annual Plan Item 3.c (11/04/2021)	Modify Business Practice Standard to add the following new data elements to the OASIS Data Dictionary: IMPACTING_CUST, IMPACTING_POR, IMPACTING_POD, IMPACTING_SOURCE, IMPACTING_SINK, IMPACTING_MWR, IMPACTING_MWG, IMPACTING_START, IMPACTING_STOP
003-0	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify the following data element: ROLLOVER_WAIVED
003-0	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.ii/R21003 (11/18/2022)	Modify Business Practice Standard to add the following data elements: SERVICE_UPDATE_FLAG EXTENSION_FLAG
003-0	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change "NEXT_INCREMENT" to "NEXT_INCREMENT" under TS_WINDOW
WEQ-004 Coordinate Interchange Business Practice Standards			
004-2	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to "Version 1.8.4 Electronic Tagging Functional Specifications" for consistency between the standards.
004-2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.ii (11/04/2021)	Modify Business Practice Standards to change "3" to "4" to read "1.8.4"
004-2.1	Business Practice Standard	R20011 (04/09/2021)	Modify to update the commercial back-up procedures for tagging entities within the WEQ-004 Coordinate Interchange Business Practice Standards.
004-2.3	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to "Version 1.8.4 Electronic Tagging Functional Specifications" for consistency between the standards.
004-2.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.ii (11/04/2021)	Modify Business Practice Standards to change "S" in "RA Services implemented..." to "s" change "3" to "4"
004-2.3	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024X-2.1
004-18.1	Business Practice Standard	WEQ 2021 Annual Plan 3.a.ii (11/04/2021)	Modify Business Practice Standards by capitalizing "e" and "c" in "entity code"

Request Cross Reference			
Standard	Description	Request No.	Action
004-A	Appendix	MC20012 (11/26/2020)	Minor Correction to update the version reference to “Version 1.8.4 Electronic Tagging Functional Specifications” for consistency between the standards.
004-A	Appendix	R20011 (04/09/2021)	Modify appendix to update the commercial back-up procedures for tagging entities within the WEQ-004 Coordinate Interchange Business Practice Standards.
004-A	Appendix	WEQ 2021 Annual Plan 3.a.ii (11/04/2021)	Modified Performance Requirements language, Failure Procedures, and changed “Market Operator” entity to “MO”
004-B	Appendix	WEQ 2021 Annual Plan 3.a.ii (11/04/2021)	Modified Curtail an e-Tag reason, as well as MO, GPE, LSE, and TPSE Approval Rights
004-C	Appendix	WEQ 2021 Annual Plan 3.a.ii (11/04/2021)	Modified business practice standard to change “energy” to “Energy” “profile” to “Profile” “source” to “Source” “sink” to “Sink”
004-D	Appendix	MC23008 (11/04/2021)	Minor correction to modify the 4th and 8th footnote from “INT-006-4” to “INT-006-5”
004-E	Appendix	WEQ 2020 Annual Plan Item 3.f (11/30/2020)	Add new Appendix E – “Guidelines for Electronic NSI Checkout Systems” to develop a common industry data specification to support automated Net Scheduled Interchange (NSI) Checkout.
WEQ-005 Area Control Error (ACE) Equation Special Cases Business Practice Standards			
Introduction	Introduction	WEQ 2021 Annual Plan Item 1.a/R20008 (11/04/2021)	capitalize the T in telemetry to create “Telemetry”
005-1.2.1	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Pseudo-Ties definition and removing: N_{Ia} = Net Actual Interchange. I_{AJOUe} = Pseudo-Tie for JOU external to a BA. I_{AJOUe} is assumed negative for external generation coming into the BA as a Pseudo-Tie. I_{AJOUi} = Pseudo-Tie for JOU internal to a BA. Incoming power is negative. Outgoing power is positive
005-1.2.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Business Practice Standards to add “Pseudo-tied JOUs imported by the attaining BA shall be included in the sum of the automatic generator control Pseudo-Tie interchange generation external to the attaining BA”
005-1.2.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Business Practice Standards to add “Pseudo-tied JOUs exported by the native BA shall be included in the sum of the automatic generator control Pseudo-Tie interchange generation internal to the native BA”

Request Cross Reference			
Standard	Description	Request No.	Action
005-1.2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Dynamic Schedule definition and removing: should become NIs + ISJOUE + ISJOU. NIs = Net Interchange Schedule. ISJOUE = Dynamic Schedule for the JOU external to a BAA. ISJOUE is assumed negative for external generation coming into the BA as a Dynamic Schedule. ISJOU = Dynamic Schedule for the JOU internal to a BA. Incoming power is negative. Outgoing power is positive. Added open and close parentheses to: Business Practice Standard WEQ-005-A illustrates how JOUs can be accounted for in the ACE equation either as a Pseudo-Tie or as a Dynamic Schedule.)
005-1.2.2.1	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Business Practice Standards to add: Dynamic Schedule JOUs imported by the attaining BA shall be included in the sum of the dynamically scheduled generation external to the attaining BA.
005-1.2.2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Business Practice Standards to add: Dynamic Schedule JOUs exported by the native BA shall be included in the sum of dynamically scheduled generation internal to the native BA.
005-2.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Business Practice Standards to change “regulation” to “Regulation” and “service” to “Service”
005-3.1	Business Practice Standard	WEQ 2021 Annual Plan Item 1.a/R20008	Modify Business Practice Standards to change “telemetry” to “Telemetry”
WEQ-006 Manual Time Error Correction Business Practice Standards			
Introduction	Introduction	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Add “Introduction” to the NAESB WEQ-006 Business Practice Standards in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.
Applicability	Applicability	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Add “Applicability” to the NAESB WEQ-006 Business Practice Standards in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.
Definition of Terms	Definition of Terms	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Modify NAESB WEQ-006 Business Practice Standard in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.
006-13	Business Practice Standard	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Add Business Practice Standard in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.
006-13	Business Practice Standard	MC23008 (06/13/2023)	Minor correction to add the title “Manual Time Error Correction Participation”
006-13.1	Business Practice Standard	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Add Business Practice Standard in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.

Request Cross Reference			
Standard	Description	Request No.	Action
006-14	Business Practice Standard	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Add Business Practice Standard “Interconnection Time Monitoring” in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.
006-15	Business Practice Standard	WEQ 2021 Annual Plan Item 2.a (04/19/2021)	Add Business Practice Standard “Time Correction on Reconnection” in response to FERC Order No. 676-I and to be complementary to the NERC Time Monitoring Reference Document Version 5.
WEQ-008 Transmission Loading Relief (TLR) - Eastern Interconnection Business Practice Standards			
008-1	Business Practice Standard	MC23007 (06/13/2023)	Minor Correction to remove the underline from “GENERAL REQUIREMENTS REGARDING USE OF INTERCONNECTION WIDE TLR PROCEDURES”
008-1.6	Business Practice Standard	MC23007 (06/13/2023)	Minor correction to remove the words “, to all market participants,”
008-1.6.1	Business Practice Standard	MC23007 (06/13/2023)	Minor correction to change “The TLR logs shall be posted on NERC’s website.” to “The TLR logs shall be made available in accordance with Business Practice Standards WEQ-001-28.”
008-1.9.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards by lowercasing Source and Sink to make “source/sink”
008-1.9.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards by lowercasing Source and Sink to make “source/sink”
008-1.10.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards by capitalizing governing and documents to make “Governing Documents”
008-1.10.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards by capitalizing governing, documents, and zones to make “Governing Documents” and “Bas/Zones”
008-1.11.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards to remove “the”
008-1.12.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards by capitalizing governing and documents to make “Governing Documents”
008-2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards to insert the word “CONSTRAINED” between “OR” and “FLOWGATE(S)” Insert the word “Constrained” between “or” and “Flowgate(s)”
008-2.2.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”
008-2.2.1.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”

Request Cross Reference			
Standard	Description	Request No.	Action
008-2.2.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”
008-2.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards to insert the word “CONSTRAINED” between “OR” and “FLOWGATE(S)”
008-2.3.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”
008-3.2.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (10/05/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”
008-3.6.2.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”
008-3.7.1.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to Insert the word “Constrained” between “or” and “Flowgate”
WEQ-012 Public Key Infrastructure (PKI) Business Practice Standards			
012-1.3.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iv (11/04/2021)	Modify Business Practice Standards by deleting “market participant” and adding “Market Participant”
012-1.3.4	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iv (11/04/2021)	Modify Business Practice Standards by capitalizing “b”, “p”, and “s” to make “Business Practice Standards”
012-1.9.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.iv (11/04/2021)	Modify business practice standards by deleting “registry” in “NAESB EIR registry”
012-1.9.1	Business Practice Standard	WEQ 2022 Annual Plan Item 4.a (11/18/2022)	Modify the Business Practice Standards to add “Entity Codes are not required or permitted in TLS certificates (server certificates).”
WEQ-013 Open Access Same-Time Information Systems (OASIS) Implementation Guide			
013-2	Business Practice Standard	MC22008 (11/18/2022)	Minor correction to change “WEQ-002-3.1” to “WEQ-024-1.2.1”
013-2.1	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
013-2.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “firm” to “Firm”
013-2.2	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
013-2.6	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “4.1” to “10” to create “2.6.10”

Request Cross Reference			
Standard	Description	Request No.	Action
013-2.6.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data element” to “Data Element” Modify the definition for the following Data Elements: ROLLOVER_WAIVED, CG_STATUS, PREEMPTION_WAIVED
013-2.6.1	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify ROLLOVER_WAIVED data element Added the paragraph “If the Transmission Customer requests a long-term firm PTP request to be evaluated for conveyance of rollover rights, the Transmission Customer must submit the request with the ROLLOVER_WAIVED Data Element set to ‘null’ in the <i>transrequest</i> OASIS Template.”
013-2.6.1.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “Firm” to “firm”
013-2.6.1.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change “Firm” to “firm”
013-2.6.1.5	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data elements” to “Data Elements” Modify the definition for the following Data Elements: PSEUDO_TIE_ID
013-2.6.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: ROLLOVER_WAIVED, CG_STATUS change “data element” to “Data Element”
013-2.6.2	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify ROLLOVER_WAIVED data element Add the paragraph “If the Transmission Customer requests a long-term firm PTP request to be evaluated for conveyance of rollover rights, the Transmission Customer must submit the request with the ROLLOVER_WAIVED Data Element set to ‘null’ in the transrequest OASIS Template.”
013-2.6.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “data element” to “Data Element”
013-2.6.5.1	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
013-2.6.5.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: ROLLOVER_WAIVED, CG_STATUS, PREEMPTION_WAIVED change “RELINQUISH” to “Relinquish” change “data element” to “Data Element”

Request Cross Reference			
Standard	Description	Request No.	Action
013-2.6.5.1	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.i/R21003 (04/28/2022)	Modify ROLLOVER_WAIVED data element Added "If the Transmission Customer submits a Redirect on a firm basis that is ineligible for conveyance of rollover rights, the Transmission Customer must submit the request with the ROLLOVER_WAIVED data element set to (null) in the <i>transrequest</i> OASIS Template. If the Transmission Customer requests a Redirect on a firm basis to be evaluated for conveyance of rollover rights, the Transmission Customer must submit the request with the ROLLOVER_WAIVED Data Element set to 'N' in the <i>transrequest</i> OASIS Template."
013-2.6.5.2	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
013-2.6.5.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change "data elements" to "Data Elements" change "RESALE" to "Resale"
013-2.6.6	Business Practice Standard	R20003 (11/30/2020)	Modify Business Practice Standard as needed per Order 676-I.
013-2.6.7.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change "RESALE" to "Resale" change "data elements" to "Data Elements"
013-2.6.7.2	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to change "RESALE" to "Resale"
013-2.6.8.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change "Primary" to "primary Transmission" change "data elements" to "Data Elements"
013-2.6.9	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change "data elements" to "Data Element" change "Network" to "NITS"
013-3.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard language to change "shall" to "should" and "when this EIR is made publicly available" to "if such registration is supported."
013-3.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change "consolidation" to "Consolidation"
013-3.2	Business Practice Standard	MC20012 (11/26/2020)	Minor Correction to update the version reference to "Version 1.8.4 Electronic Tagging Functional Specifications" for consistency between the standards.
013-3.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change "Tagged" and adding "tagged" Modify the definition for the following Data Elements: LCA_CODE, SINK, SCHEDULE_LIMIT
013-3.3.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: FACILITY_LOCATION

Request Cross Reference			
Standard	Description	Request No.	Action
013-3.3.2	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “business practices” to “Business Practices” change “native load” to “NL” change “zone” to “Zone”
013-3.4.3	Business Practice Standard	MC22003 (11/18/2022)	Minor correction to fix the spacing of “Security Event Query/Response Requirements”
013-3.8	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard by correcting the capitalization of “{Registered}” to {registered}”
013-3.9	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: SELLER_EMAIL
013-3.10	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify the definition for the following Data Elements: SELLER_EMAIL
013-6.1	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “RESALE” to “Resale” change “REDIRECT” to “Redirect” Modify the definition for the following Data Elements: REASSIGNED_REF
013-6.3	Business Practice Standard	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “available transfer capability” and adding “ATC”
013-6.3	Business Practice Standard	WEQ 2022 Annual Plan Item 3.b.ii/R21003 (11/18/2022)	Modify Business Practice Standard to add the following bullet points: “Increment the EXTENSION_FLAG for each profile segment that was extended or increased by the accepted ‘MATCHING’ profile. Increment the SERVICE_UPDATE_FLAG if the SERVICE_INCREMENT was modified by the accepted ‘MATCHING’ profile.”
013-7	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
013-103.1	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
013-104.1.8	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Modify Business Practice Standard to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary
013-106	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Delete Business Practice Standard and mark as “RESERVED”

Request Cross Reference			
Standard	Description	Request No.	Action
013-107	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “NITS – Extension of NITS Application STOP_TIME” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
003-108	Business Practice Standard	WEQ 2020 Annual Plan Item 3.a (11/30/2020)	Add new Business Practice Standard “NITS – Managing Rollover Rights for DNRS” to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS) and to develop template structures and other standards that support these Business Practice Standards as necessary.
013-C	Appendix	WEQ 2021 Annual Plan Item 3.c (11/04/2021)	Modify Business Practice Standard to add the data element names to reservation reductions response: SERVICE_INCREMENT, TS_CLASS, OFFER_PRICE, IMPACTING_CUST, IMPACTING_POR, IMPACTING_POD, IMPACTING_SOURCE, IMPACTING_SINK, IMPACTING_MWR, IMPACTING_MWG, IMPACTING_START, IMPACTING_STOP As well as “,,,ABCDEF, POR A, POD B, SOURCE A, SINK B, 20, 20”
013-D	Appendix	WEQ 2021 Annual Plan Item 3.a.i (11/04/2021)	Modify Business Practice Standard to change “MWhour” to “MWh”
WEQ-015 Measurement and Verification of Wholesale Electricity Demand Response Business Practice Standards			
Introduction	Introduction	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand Response (DR) System Operator (SO) Demand Resources
Applicability	Applicability	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Capacity Service Demand Response (DR) Demand Resources Energy Service Independent System Operator-Regional Transmission Organization (ISO-RTO) Measurement and Verification (M&V) System Operator (SO) Reserve Service Regulation Service

Request Cross Reference			
Standard	Description	Request No.	Action
Overview	Overview	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: After-the-Fact Metering Demand Response (DR) Release / Recall
Performance Evaluation Methodology	Performance Evaluation Methodology	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: After-the-Fact Metering Baseline Type – I (Interval Metered) Baseline Type – II (Non-Interval Metered) Demand Response (DR) Demand Response Event System Operator (SO) Maximum Base Load (MBL) Meter/Before / Meter After (MB/MA) Metering Generator Output (MGO)
015-1.0	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Modify ‘Applicability’ section to change ‘Demand Response energy products’ to ‘DR Energy Products’
015-1.1.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)
015-1.3.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Maximum Base Load (MBL) Meter Before / Meter After (MB/MA) Baseline Type – I (Interval Metered) Baseline Type – II (Non-Interval Metered) Metering Generator Output (MGO)
015-1.4	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Modify ‘Applicability’ section to change ‘Demand Response Capacity Products’ to ‘DR Capacity Services’
015-1.4.7	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Aggregated Demand Resources Measurement and Verification (M&V)

Request Cross Reference			
Standard	Description	Request No.	Action
015-1.7.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Maximum Base Load (MBL) Meter Before / Meter After (MB/MA) Baseline Type – I (Interval Metered) Baseline Type – II (Non-Interval Metered) Metering Generator Output (MGO)
015-1.8	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Modify heading to change ‘Products’ to ‘Services’ so it reads: Provision of Wholesale Electric Demand Response Reserve Services Modify ‘Applicability’ section to change ‘Demand Response Reserve Products’ to ‘DR Reserve Services’
015-1.11.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Maximum Base Load (MBL) Meter Before / Meter After (MB/MA) Baseline Type – I (Interval Metered) Baseline Type – II (Non-Interval Metered) Metering Generator Output (MGO) Correct standard numbering error [051-1.11.1] in manual to read “015-1.11.1”
015-1.12	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Modify ‘Applicability’ section to change ‘Demand Response Regulation Products’ to ‘DR Regulation Services’
015-1.15.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Meter Before / Meter After (MB/MA) Metering Generator Output (MGO) System Operator (SO)
015-1.16	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Maximum Base Load (MBL) Change ‘Evaluation’ to lower case ‘evaluation’
015-1.17.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: After-the-Fact Metering

Request Cross Reference			
Standard	Description	Request No.	Action
015-1.17.4	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Maximum Base Load (MBL)
015-1.20.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Change 'real-time' to upper case 'Real-Time'
015-1.20.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: After-the-Fact Metering
015-1.22	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Correct heading 'Baseline Type – I (Interval Meter)' to 'Baseline Type – I (Interval Metered)'
015-1.25	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Correct heading 'Baseline Type – II (Non-Interval Meter)' to 'Baseline Type – II (Non-Interval Metered)'
015-1.26.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: After-the-Fact Metering
015-1.28	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Metering Generator Output (MGO)
015-1.29.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: After-the-Fact Metering
WEQ-021 Measurement and Verification of Energy Efficiency Products Business Practice Standards			
021-1.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Applicable Regulatory Authority Demand System Operator (SO)
021-2.1.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)

Request Cross Reference			
Standard	Description	Request No.	Action
021-2.1.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)
021-3.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Energy Efficiency Resource Measurement and Verification (M&V)
021-3.2.5	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Measurement and Verification (M&V)
021-3.3.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)
021-3.3.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)
021-3.4.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)
021-3.6.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Measurement and Verification (M&V)
021-3.6.1.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Baseline Measurement and Verification (M&V)
021-3.6.1.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand Measurement and Verification (M&V)
021-3.6.1.4	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Baseline Demand Energy Efficiency

Request Cross Reference			
Standard	Description	Request No.	Action
021-3.6.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Change “Section” to lower case “section”
021-3.8.3	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Coefficient of Variation (c.v.)
021-3.9.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand
021-3.10.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Heating Ventilating and Air Conditioning (HVAC)
021-3.11.1.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: American National Standards Institute (ANSI)
021-3.11.1.2	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand
021-3.11.1.6	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand
021-3.11.1.7	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand
021-3.11.1.8	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand Kilohertz (kHz)
021-3.11.1.9	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand
021-3.11.1.10	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand

Request Cross Reference			
Standard	Description	Request No.	Action
021-3.12.1	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Validating, Editing, and Estimating (VEE)
021-3.12.1.3	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: Demand
021-3.12.1.6	Business Practice Standards	MC21003 (04/09/2021)	Minor correction for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000 as follows: System Operator (SO)
WEQ-022 Electric Industry Registry Business Practice Standards			
022-1.1	Business Practice Standards	WEQ 2021 Annual Plan 3.a.ii (11/04/2021)	Modified Business Practice Models to change “are currently” to “may be” Remove “For example, Observer is not part of the NAESB Electronic Tagging Functional Specification, but is an EIR role.
022-1.2	Business Practice Standards	WEQ 2021 Annual Plan 3.a.ii (11/04/2021)	Modified Business Practice Models to change “digital certificate” to “digital Certificate” Change “NAESB” to “the” change “Requirements for Authorized Certification Authorities” to “Specification”
022-1.2	Business Practice Standards	MC22008 (11/18/2022)	Minor correction to delete business practice standard and add: RESERVED. Moved to WEQ-024X-3.1
WEQ-023 Modeling Business Practice Standards			
Introduction	Introduction	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards by capitalizing “seams” and “agreements” to create “Seams” and “Agreements”
Applicability	Applicability	MC21001 (4/9/2021)	Modify Transmission Service Providers and Transmission Operators by expanding to include Transmission Service Providers, Transmission Operators, Transmission Providers, Balancing Authorities (BA) and Load Serving Entities (LSE).
023-1.1.1.1	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “ratings” to “Ratings”

Request Cross Reference			
Standard	Description	Request No.	Action
023-1.4	Business Practice Standards	WEQ 2022 Annual Plan Items 2.a (11/18/2022)	WEQ 2022 Annual Plan Items 2.a (11/18/2022) – Modify the Business Practice Standard to add “With the exception of requests subject to a CCO and in accordance with Business Practice Standard WEQ-001-21, each” to the beginning of the paragraph Deleted the words “that serves as an interface with another BAA”, “the net of” and “into and out of the Transmission Service Provider’s BAA” insert “either” between “exceed” and “the sum” insert “or TTC, as appropriate for the Transmission Service Provider’s methodology” after “Facility Ratings of Tie Facilities” Remove “Tie Facilities that compromise...the...,between the two BAAs”
023-1.4.1	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “Firm” to “firm”
023-1.4.1	Business Practice Standards	WEQ 2022 Annual Plan Items 2.a (11/18/2022)	Modify the Business Practice Standard to remove “of the reservations” and “into and out of Transmission Service Provider’s BAA on an interface with another BAA” inserted “prior to the top of the hour or the interval of flow, shall...either” Removed “does” inserted “or TTC, as appropriate for the Transmission Service Provider’s methodology” Inserted ”for that” Removed “the Tie Facilities that comprise the...,between the two BAAs”
023-2.2.4	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “firm” to “Non-Firm”
023-2.3.2.1.1	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “Network Service” to “NITS”
023-2.3.2.2.1	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “Network Service” to “NITS”
023-2.3.3	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “flowgate” to “Flowgate” change “transmission” to “Transmission”
023-3.1.1	Business Practice Standards	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “load” to “Load”
023-A	Appendix	WEQ 2021 Annual Plan Item 3.a.iii (11/04/2021)	Modify the Business Practice Standards to change “network” to “Network” change “NITS” to “Network Transmission Service” change “RELINQUISH” to “Relinquish”

Appendices:

- A. Links to EC Meeting Minutes, Comments, and Voting Records
- B. Links to Ratification Ballots and Results
- C. List of Transcripts
- D. NAESB Process for Standards Development
- E. NAESB WEQ Annual Plans
- F. Minor Corrections Applied
- G. No Action Recommendations
- H. Entities with Access to NAESB Standards
- I. Entities without Recorded Access to the most Recently Mandated NAESB WEQ Standards, Version 003.3

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

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Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
06-07-19	RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force Conference Call with Web Conferencing Meeting Notes: https://naesb.org/pdf4/retail_weq_ec_dlt060719notes.doc		
06-24-19	RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force Conference Call with Web Conferencing Meeting Notes: https://naesb.org/pdf4/retail_weq_ec_dlt062419notes.doc		
07-25-19	RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force Conference Call with Web Conferencing Meeting Notes: https://naesb.org/pdf4/retail_weq_ec_dlt072519notes.doc		
08-16-19	RMQ/WEQ Executive Committee Distributed Ledger Technology Task Force Conference Call with Web Conferencing Meeting		
10-27-20	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec102720fm.docx	Recommendation to Support 2020 WEQ Annual Plan Item 3.a – Develop Industry Business Practice Standards to define the eligibility and treatment of Rollover Rights. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2020_api_3a_rec.docx	Comments Submitted by R. Robinson, WEQ Standards Review Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_032520_weq_srs_api3a.docx Comments Submitted by K. Frank, MISO: https://naesb.org/member_login_check.asp?doc=weq_032520_miso_api3a.docx Comments Submitted by J. Wood, Southern Company Services, Inc. https://naesb.org/member_login_check.asp?doc=weq_032520_miso_api3a.docx Late Comments Submitted by the WEQ OASIS Subcommittee in response to WEQ Standards Review Subcommittee:

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

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Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
		<p>Recommendation for 2020 WEQ Annual Plan Item 3.e – Development of industry Business Practice Standards for adding new variables on certain query responses (e.g. NITSLoadForecast, etc.).</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2020_api_3e_rec.docx</p> <p>Recommendation for Standards Request R20003 – Request to review WEQ-001-9 and WEQ-001-10 Redirect Standards for modifications needed per Order 676-I.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_r20003_rec.docx</p>	<p>https://naesb.org/member_login_check.asp?doc=weq_032520_weq_oasis_api3a_srs_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to MISO: https://naesb.org/member_login_check.asp?doc=weq_032520_weq_oasis_api3a_miso_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to Southern Company: https://naesb.org/member_login_check.asp?doc=weq_032520_weq_oasis_api3a_soco_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_032520_weq_oasis_api3a_late.docx</p> <p>Comments Submitted by K. Frank, MISO: https://naesb.org/member_login_check.asp?doc=weq_062320_miso.docx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_062320_soco.docx</p> <p>Late Comments Submitted by R. Berdahl, Bonneville Power Administration: https://naesb.org/member_login_check.asp?doc=weq_062320_bp_a_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_062320_weq_oasis_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to BPA:</p>

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		<p>Recommendation to Support Standards Request R20010 – Request for an enhancement to the NAESB WEQ-001 standard. There is conflicting language in the standard, specifically WEQ-001-9.4.3 and WEQ-001-9.5.1.1. Clarification is needed.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_r20010_rec.docx</p> <p>Recommendation to Support 2020 WEQ Annual Plan Item 3.f – Evaluate and develop a common industry data specification to support automated Net Scheduled Interchange (NSI) Checkout.</p> <p>Recommendation: https://naesb.org/pdf4/weq_2020_api_3f_rec.docx</p>	<p>https://naesb.org/member_login_check.asp?doc=weq_062320_w_eq_oasis_bpa_late.docx Late Comments Submitted by the WEQ OASIS Subcommittee in response to MISO:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_062320_w_eq_oasis_miso_late.docx Late Comments Submitted by the WEQ OASIS Subcommittee in response to Southern Company:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_062320_w_eq_oasis_soco_late.docx Comments Submitted by J. Wood, Southern Company Services, Inc.</p> <p>https://naesb.org/member_login_check.asp?doc=weq_081920_soco.docx Late Comments Submitted by the WEQ OASIS Subcommittee in response to Southern Company</p> <p>https://naesb.org/member_login_check.asp?doc=weq_081920_w_eq_oasis_soco_late.docx Late Comments Submitted by the WEQ OASIS Subcommittee</p> <p>https://naesb.org/member_login_check.asp?doc=weq_081920_w_eq_oasis_late.docx</p>
03-09-21	<p>WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec030921fm.docx</p>	<p>Recommendation to Support Standards Request R20011 – Request to review and update backup procedures for tagging entities as captured within WEQ-004 and the NAESB Electronic Tagging (e-Tag) Specification Version 1.8.4.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_r20011_rec.docx</p>	<p>Comments Submitted by R. Berdahl, Bonneville Power Administration: https://naesb.org/pdf4/weq_110420_bpa.docx</p>

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Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
		<p>Recommendation to Support 2021 WEQ Annual Plan Item 2.a – Consistent with FERC Order No. 676-I, reconsider the reservation of WEQ-006 Manual Time Error Correction and determine if the standards should be retained or revised.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_2a_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a/R20013 – Modify WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to provide a cross reference column to indicate which NAESB WEQ Business Practice Standards the abbreviation, acronym, and definition of terms applies to (Standards Request R20013).</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3a_r20013_rec.docx</p>	<p>Comments Submitted by R. Berdahl, Bonneville Power Administration: https://naesb.org/pdf4/weq_011421_bpa.docx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_011421_so_co.docx</p> <p>Late Comments Submitted by J. Phillips, Southwest Power Pool: https://naesb.org/pdf4/weq_011421_spp_late.docx</p> <p>Late Comments Submitted by the WEQ BPS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_011421_w_eq_bps_late.docx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_012821_w_eq_srs_late.docx</p> <p>Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_012821_w_eq_srs_late.docx</p>
04-08-21	<p>WEQ EC Notational Ballot: https://naesb.org/pdf4/weq_ec032521ballot.docx.</p> <p>Results: https://naesb.org/pdf4/weq_ec032521ballot_results.docx.</p>		
10-05-21	<p>WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec100521fm.docx</p>	<p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.i – Review WEQ-001, WEQ-002, WEQ-003, and WEQ-013 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3ai_rec.docx</p>	<p>Comments Submitted by K. Frank, MISO: https://naesb.org/member_login_check.asp?doc=weq_052421_miso.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to MISO: https://naesb.org/member_login_check.asp?doc=weq_052421_w_eq_oasis_miso_late.docx</p>

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		<p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.ii – Review WEQ-004 and WEQ-022 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3aii_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.iv – Review WEQ-012 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3aiv_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.c – Develop of industry business practice standards, as applicable, for identification of all modifications of service made to an original reservation in one location within OASIS.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3c_rec.docx</p>	<p>Late Comments Submitted by the WEQ OASIS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_052421_weq_oasis_late.docx</p> <p>Comments Submitted by K. Frank, MISO: https://naesb.org/member_login_check.asp?doc=weq_062321_miso.docx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_062321_soco.docx</p> <p>Late Comments Submitted by WEQ CISS: https://naesb.org/member_login_check.asp?doc=weq_062321_weq_ciss_late.docx</p> <p>Late Comments Submitted by WEQ CISS in Response to MISO: https://naesb.org/member_login_check.asp?doc=weq_062321_weq_ciss_miso_late.docx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_071321_soco.docx</p> <p>Comments Submitted by C. Pacella, PJM: https://naesb.org/member_login_check.asp?doc=weq_062221_pjm.docx</p> <p>Supporting Examples Submitted by C. Pacella, PJM: https://naesb.org/pdf4/weq_062221_pjm_supporting_examples.xlsx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_062221_soco.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to PJM:</p>

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Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
		<p>Recommendation to Support 2021 WEQ Annual Plan Items 4.a and 4.b – Review annually at a minimum WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions/Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards and any other activities of NERC and the FERC related to cybersecurity.</p> <p>Recommendation: https://naesb.org/pdf4/weq_2021_api_4a-b_rec.docx</p> <p>Recommendation to Support 2021 RMQ Annual Plan Item 2.a/2021 WEQ Annual Plan Item 6.b.i – Develop a Base Contract for Sale and Purchase of Renewable Energy Certificates (RECs) to support the voluntary markets.</p> <p>Recommendation: https://naesb.org/pdf4/rmq_2021_api_6bi_weq_2021_api_6bi_rec.docx</p>	<p>https://naesb.org/member_login_check.asp?doc=weq_062221_w eq_oasis_pjm_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to Southern Company: https://naesb.org/member_login_check.asp?doc=weq_062221_w eq_oasis_soco_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_062221_w eq_oasis_late.docx</p> <p>Comments Submitted by K. Sappenfield, Cheniere https://naesb.org/pdf4/rmq_weq_080321_cheniere.docx</p> <p>Comments Submitted by K. Sappenfield, Cheniere on Attachment 1 https://naesb.org/member_login_check.asp?doc=rmq_weq_080321_cheniere_attach1.doc</p> <p>Comments Submitted by K. Sappenfield, Cheniere on Attachment 2 https://naesb.org/member_login_check.asp?doc=rmq_weq_080321_cheniere_attach2.doc</p> <p>Late Comments Submitted by the Joint WEQ BPS/RMQ BPS on Attachment 1 https://naesb.org/member_login_check.asp?doc=rmq_weq_080321_weq-rmq_bps_late_attach1.doc</p>

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		<p>Recommendation to Support Request R21002 – Request to review NAESB WEQ Business Practice Standards definition for System Operating Limit following NERC’s proposal to review the definition for System Operating Limit. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_r21002_rec_081121.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 1.a/Request R20008 – Update WEQ-005 Area Control Error (ACE) Equation Special Cases to account for modifications to NERC Dynamic Transfer Reference Document V 4. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_1a_R20008_rec_082021.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.iii – Review WEQ-005, WEQ-007, WEQ-008, and WEQ-023 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3aiii_rec_082021.docx</p>	<p>Late Comments Submitted by the Joint WEQ BPS/RMQ BPS on Attachment 2 https://naesb.org/member_login_check.asp?doc=rmq_weq_080321_weq-rmq_bps_late_attach2.doc</p> <p>Comments Submitted by B. Welch, MISO - File 1: https://naesb.org/pdf4/weq_081121_miso_comments.docx Comments Submitted by B. Welch, MISO - file 2: https://naesb.org/member_login_check.asp?doc=weq_081121_miso.docx</p> <p>Attachment 2 Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_082021_so_co_attach2.docx</p> <p>Late Comments Submitted by the WEQ BPS Subcommittee on Attachment 2: https://naesb.org/member_login_check.asp?doc=weq_082021_weq_bps_late_attach2.docx</p> <p>Late Comments Submitted by the WEQ BPS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_082021_weq_bps_late.docx</p>
01-25-22	<p>Joint WEQ, RMQ, and WGQ EC Single Topic Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/ec012522fm.docx</p>		<p>Revised and Approved R21006 Joint Executive Committee Proposal: https://naesb.org/pdf4/ec012522a1.pptx</p> <p>R21006 Joint Executive Committee Proposal Submitted by J. Phillips, SPP: https://naesb.org/pdf4/ec012522w1.pptx</p>

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03-29-22	<p>WEQ EC Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032922fm.docx</p>	<p>Recommendation to Support 2021 WEQ Annual Plan Item 3.e.i / Request R21003 – Review the Request Timing Tables 4-2, 25-4, and 105-A to identify timing extensions changes necessary to account for human performance and revise the standards as needed. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2021_api_3ei_R21003_rec_092721.docx</p> <p>Recommendation to Support 2022 WEQ Annual Plan Item 3.b.i / R21003 – Review the current rollover rights functionality that is automatically redirected when a redirect is submitted to end of term and revise the standards as needed. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2022_api_3bi_R21003_rec_021522.docx</p>	<p>Comments Submitted by C. Pacella, PJM Interconnection https://naesb.org/member_login_check.asp?doc=weq_021522_pjm.docx</p> <p>Comments Submitted by JT Wood, Southern Company https://naesb.org/member_login_check.asp?doc=weq_021522_soco.docx</p> <p>Comments Submitted by the WEQ Standards Review Subcommittee https://naesb.org/pdf4/weq_021522_weq_srs.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to PJM https://naesb.org/member_login_check.asp?doc=weq_021522_weq_oasis_pjm_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee in response to Southern Company https://naesb.org/member_login_check.asp?doc=weq_021522_weq_oasis_soco_late.docx</p> <p>Late Comments Submitted by the WEQ OASIS Subcommittee https://naesb.org/member_login_check.asp?doc=weq_021522_weq_oasis_late.docx</p>
10-18-22	<p>WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec101822fm.docx</p>	<p>Recommendation to Support 2022 WEQ Annual Plan Item 3.c / Request R21004 – Review the NAESB WEQ OASIS Business Practice Standards addressing consolidations and revise the standards as needed to support the TSP’s Tariff and FERC 18 CFR 37.6 OASIS posting regulations. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2022_a</p>	<p>Comments Submitted by the WEQ Standards Review Subcommittee https://naesb.org/pdf4/weq_040422_weq_srs.docx</p>

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		<p>pi_3c_R21004_rec_040422.docx</p> <p>Recommendation to Support 2022 WEQ Annual Plan Items 4.a - Request to review annually at a minimum WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market condition.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2022_api_4a_rec_063022.docx</p> <p>Recommendation to Support 2022 WEQ Annual Plan Item 2.a - Consistent with FERC Order No. 676-J, review WEQ-023-1.4 and WEQ-023-1.4.1 and determine if revisions are needed to address NOPR comments regarding contract path management.</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2022_api_2a_rec_070622.docx</p> <p>2022 WEQ Annual Plan Item 5.b.i/2022 RMQ Annual Plan Item 2.a – Develop technical implementation business practice standards to support automation of the current REC creation, accounting, and retirement processes for voluntary markets consistent with the NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates.</p> <p>Recommendation: https://naesb.org/pdf4/weq_2022_api_5bi_rmq_2022_api_2a_rec_070722.docx</p>	<p>Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_063022_weq_srs_late.pdf</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_070622_2a_soco.docx</p> <p>Comments Submitted by J. Phillips, SPP: https://naesb.org/member_login_check.asp?doc=weq_070622_2a_spp.docx</p> <p>Comments Submitted by B. Welch, MISO: https://naesb.org/member_login_check.asp?doc=weq_070622_2a_2b_miso.docx</p> <p>Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_070622_2a_2b_weq_srs_late.pdf</p> <p>Late Comments Submitted by the WEQ BPS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_070622_2a_weq_bps_late.docx</p> <p>Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/pdf4/weq_rmq_070722_cheniere.docx</p> <p>Attachment A Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/member_login_check.asp?doc=weq_rmq_070722_cheniere_attachA.docx</p> <p>Attachment B Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/member_login_check.asp?doc=weq_rmq_070722_cheniere_attachB.docx</p>

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Appendix A – Links to EC Meeting Minutes, Comments, and Voting Records			
Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
			<p>Attachment C Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_cheniere_attachC.docx</p> <p>Attachment D Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_cheniere_attachD.docx</p> <p>Attachment E Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_cheniere_attachE.docx</p> <p>Attachment F Comments Submitted by K. Sappenfield, Cheniere Energy: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_cheniere_attachF.docx</p> <p>Late Comments Submitted by WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_rm_q_070722_weq_srs_late.pdf</p> <p>Late Comments on Attachment A Submitted by the WEQ/RMQ BPS: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_weq_rm_q_bps_attachA_late.doc</p> <p>Late Comments on Attachment B Submitted by the WEQ/RMQ BPS: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_weq_rm_q_bps_attachB_late.docx</p> <p>Late Comments on Attachment C Submitted by the WEQ/RMQ BPS: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_weq_rm_q_bps_attachC_late.docx</p> <p>Late Comments on Attachment D Submitted by the WEQ/RMQ BPS: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_weq_rm_q_bps_attachD_late.docx</p> <p>Late Comments on Attachment E Submitted by the WEQ/RMQ BPS:</p>

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

Appendix A – Links to EC Meeting Minutes, Comments, and Voting Records			
Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
		<p>Recommendation to Support 2022 WEQ Annual Plan Item 3.b.ii/R21003 - Review the need to easily assess profile changes that occurred as a result of Preemption-ROFR process and revise the standards as needed</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_2022_api_3bii_R21003_rec_071922.docx</p> <p>Recommendation to Support Standards Request R21005 – Review the Preemption-ROFR Process Table 25-3 Priorities for Competing Reservations or Requests to identify description changes necessary to account for competition between firm and non-firm requests or reservations</p> <p>Recommendation: https://naesb.org/member_login_check.asp?doc=weq_R21005_rec_071922.docx</p>	<p>https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_weq_rm_q_bps_attachE_late.docx</p> <p>Late Comments on Attachment F Submitted by the WEQ/RMQ BPS: https://naesb.org/member_login_check.asp?doc=weq_rm_q_070722_weq_rm_q_bps_attachF_late.docx</p> <p>Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_071922_3bii_r21003_weq_srs_late.pdf</p> <p>Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_071922_r21005_weq_srs_late.pdf</p>
11-18-22	<p>WEQ EC Notational Ballot: https://naesb.org/pdf4/weq_ec110422ballot.docx</p> <p>Results: https://naesb.org/pdf4/weq_ec110422ballot_results.docx</p>		
03-28-23	<p>WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032823fm.docx</p>	<p>Recommendation to Support 2023 WEQ Annual Plan Item 5.d / Request R22001 – Develop business practices to define a common list of grid services for electric market interactions that support grid-edge resources such as distributed energy resources and batteries in support of U.S. Department of Energy Grid Modernization Laboratory Consortium efforts (Standards Request R22001)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2023_api_5d_R22001_rec_02152</p>	<p>Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_021523_weq_srs.docx</p> <p>Comments Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_021523_so_co.docx</p> <p>Comments Submitted by Lawrence Berkley National Laboratory and Pacific Northwest National Laboratory: https://naesb.org/member_login_check.asp?doc=weq_021523_b</p>

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

Appendix A – Links to EC Meeting Minutes, Comments, and Voting Records			
Date of Meeting	Link to Minutes and EC Voting Records	Recommendations that Resulted in Version 004 Business Practice Standards or Standard modifications	Link to Comments Submitted During Formal Comment Period
		3.docx	erkley.docx Late Comments Submitted by the WEQ BPS Subcommittee: https://naesb.org/member_login_check.asp?doc=weq_021523_w_eq_bps_late.docx
06-13-23	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes:		

Appendix B: Links to Ratification Ballots and Results

Appendix B – Links to Ratification Ballots and Results			
Date of Ballot	Link to Ballot	Link to Results	Recommendations Ratified that Resulted in V004 Business Practice Standards or Business Practice Standard modifications
11-30-20	https://naesb.org/member_login_check.asp?doc=weq_rat102720ballot.doc	https://naesb.org/pdf4/rat_weq113020tally.xls	<p>Recommendation to Support Standards Request R20010: NAESB WEQ-001 Enhancement to Redirect Examples as approved by the WEQ Executive Committee on October 27, 2020: https://naesb.org/member_login_check.asp?doc=weq_rat102720_weq_r20010_rec.docx</p> <p>Recommendation to Support Standards Request R20003: Review WEQ-001-9 and WEQ-001-10 Redirect Standards for Modifications Needed per Order 676-I as approved by the WEQ Executive Committee on October 27, 2020: https://naesb.org/member_login_check.asp?doc=weq_rat102720_weq_r20003_rec.docx</p> <p>Recommendation to Support 2020 WEQ Annual Plan Item 3.f: Evaluate and develop a common industry data specification to support automated Net Scheduled Interchange (NSI) Checkout as approved by the WEQ Executive Committee on October 27, 2020: https://naesb.org/member_login_check.asp?doc=weq_rat102720_weq_2020_api_3f_rec.docx</p> <p>Recommendation to Support 2020 WEQ Annual Plan Item 3.e: Development of industry Business Practice Standards for adding new variables on certain query responses (e.g., NITSLoadForecast, etc.) as approved by the WEQ Executive Committee on October 27, 2020: https://naesb.org/member_login_check.asp?doc=weq_rat102720_weq_2020_api_3e_rec.docx</p> <p>Recommendation to Support 2020 WEQ Annual Plan Item 3.a: Develop industry Business Practice Standards to define the eligibility and treatment of Rollover Rights as approved by the WEQ Executive Committee on October 27, 2020: https://naesb.org/member_login_check.asp?doc=weq_rat102720_weq_2020_api_3a_rec.docx</p>

Appendix B: Links to Ratification Ballots and Results

Appendix B – Links to Ratification Ballots and Results			
Date of Ballot	Link to Ballot	Link to Results	Recommendations Ratified that Resulted in V004 Business Practice Standards or Business Practice Standard modifications
04-09-21	https://naesb.org/member_login_check.asp?doc=weq_rat031021ballot.doc	https://naesb.org/pdf4/rat_weq040921tally.xls	<p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a / R20013: Modify WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to provide a cross reference column to indicate which NAESB WEQ Business Practice Standards the abbreviations, acronyms, and definition of terms applies to (Standards Request R20013) as approved by the WEQ Executive Committee on March 9, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat031021_weq_2021_api_3a_r20013_rec.docx</p> <p>Recommendation to Support Standards Request R20011: Request to review and update backup procedures for tagging entities as captured within WEQ-004 and the NAESB Electronic Tagging (e-Tag) Specification Version 1.8.4 as approved by the WEQ Executive Committee on March 9, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat031021_weq_r20011_rec.docx</p>
04-19-21	https://naesb.org/member_login_check.asp?doc=weq_rat031821ballot.doc	https://naesb.org/pdf4/rat_weq041921tally.xls	<p>Recommendation to Support 2021 WEQ Annual Plan Item 2.a: Consistent with FERC Order No. 676-I, reconsider the reservation of WEQ-006 Manual Time Error Correction and determine if the standards should be retained or revised as approved by the WEQ Executive Committee via notational ballot on March 17, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat031821_weq_2021_api_2a_rec.docx</p>
11-04-21	https://naesb.org/member_login_check.asp?doc=weq_rat100621ballot.doc	https://naesb.org/pdf4/rat_weq110421tally.xls	<p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.ii – Review WEQ-004 and WEQ-022 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_3aii_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.iv – Review WEQ-012 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations as revised and approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_3aiv_rec.docx</p> <p>Recommendation to Support Standards Request R21002 – Request to review NAESB WEQ Business Practice Standards definition for System Operating Limit following NERC’s proposal to revise the definition for System Operating Limit in the NERC Glossary as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_r21002_rec.docx</p>

Appendix B: Links to Ratification Ballots and Results

Appendix B – Links to Ratification Ballots and Results			
Date of Ballot	Link to Ballot	Link to Results	Recommendations Ratified that Resulted in V004 Business Practice Standards or Business Practice Standard modifications
			<p>Recommendation to Support 2021 WEQ Annual Plan Item 1.a/Standards Request R20008 – Update WEQ-005 Area Control Error (ACE) Equation Special Cases to account for modifications to NERC Dynamic Transfer Reference Document V 4 as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_1a_r20008_rec.docx</p> <p>Recommendation to Support 2021 RMQ Annual Plan Item 2.a/2021 WEQ Annual Plan Item 6.b.i – Develop a Base Contract for Sale and Purchase of Renewable Energy Certificates (RECs) to support the voluntary markets as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_6bi_rmq_2021_api_2a_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.c – Develop of industry business practice standards, as applicable, for identification of all modifications of service made to an original reservation in one location within OASIS as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_3c_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.iii – Review WEQ-005, WEQ-007, WEQ-009, and WEQ-023 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviations as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_3aiii_rec.docx</p> <p>Recommendation to Support 2021 WEQ Annual Plan Item 3.a.i – Review WEQ-001, WEQ-002, WEQ-003, and WEQ-013 and make modifications as needed for consistency in the use of the defined terms, acronyms, and abbreviations as approved by the WEQ Executive Committee on October 5, 2021: https://naesb.org/member_login_check.asp?doc=weq_rat100621_weq_2021_api_3ai_rec.docx</p>
04-28-22	https://naesb.org/member_login_check.asp?doc=weq_rat032922ballot.doc	https://naesb.org/pdf4/rat_weq042822tally.xls	<p>Recommendation to Support Recommendation to Support 2022 WEQ Annual Plan Item 3.b.i / R21003 - Review the current rollover rights functionality that is automatically redirected when a redirect is submitted to end of term and revise the standards as needed - as revised and approved by the WEQ Executive Committee on March 29, 2022:</p>

Appendix B: Links to Ratification Ballots and Results

Appendix B – Links to Ratification Ballots and Results			
Date of Ballot	Link to Ballot	Link to Results	Recommendations Ratified that Resulted in V004 Business Practice Standards or Business Practice Standard modifications
			<p>https://naesb.org/member_login_check.asp?doc=weq_rat032922_weq_2022_api_3bi_r21003_rec.docx</p> <p>Recommendation to Support Recommendation to Support 2021 WEQ Annual Plan Item 3.e.i / R21003 - Review the Request Timing Tables 4-2, 25-4, and 105-A to identify timing extensions changes necessary to account for human performance and revise the standards as needed - as approved by the WEQ Executive Committee on March 29, 2022:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_rat032922_weq_2021_api_3ei_r2103_rec.docx</p>
11-18-22	https://naesb.org/member_login_check.asp?doc=weq_rat101922ballot.doc	https://naesb.org/pdf4/rat_weq111822tally.xls	<p>Recommendation to Support 2022 WEQ Annual Plan Item 5.b.i/2022 RMQ Annual Plan Item 2.a - Develop technical implementation business practice standards to support automation of the current REC creation, accounting, and retirement processes for voluntary markets consistent with the NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates as revised and approved by the WEQ Executive Committee on October 18, 2022 and the RMQ Executive Committee on October 19, 2022:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_rat101922_weq_2022_api_5bi_rmq_2022_api_2a_rec.docx</p> <p>Recommendation to Support Standards Request R21005 – Review the Preemption-ROFR Process Table 25-3 Priorities for Competing Reservations or Requests to identify description changes necessary to account for competition between firm and non-firm requests or reservations as approved by the WEQ Executive Committee on October 18, 2022:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_rat101922_R21005_rec.docx</p> <p>Recommendation to Support 2022 WEQ Annual Plan Item 3.b.ii/R21003 – Review the need to easily assess profile changes that occurred as a result of Preemption-ROFR process and revise the standards as needed as approved by the WEQ Executive Committee on October 18, 2022:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_rat101922_weq_2022_api_3bii_r21003_rec.docx</p> <p>Recommendation to Support 2022 WEQ Annual Plan Item 2.a – Consistent with FERC Order No. 676-J, review WEQ-023-1.4 and WEQ-023-1.4.1 and determine if revisions are needed to address NOPR comments regarding contract path management as revised and approved by the WEQ Executive Committee on October 18, 2022:</p> <p>https://naesb.org/member_login_check.asp?doc=weq_rat101922_weq_2022_api_2a_rec.docx</p>

Appendix B: Links to Ratification Ballots and Results

Appendix B – Links to Ratification Ballots and Results			
Date of Ballot	Link to Ballot	Link to Results	Recommendations Ratified that Resulted in V004 Business Practice Standards or Business Practice Standard modifications
			<p>Recommendation to Support 2022 WEQ Annual Plan Item 4.a – Request to review annually at a minimum WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions as approved by the WEQ Executive Committee on October 18, 2022: https://naesb.org/member_login_check.asp?doc=weq_rat101922_weq_2022_api_4a_rec.docx</p> <p>Recommendation to Support 2022 WEQ Annual Plan Item 3.c/Request R21004 – Review the NAESB WEQ OASIS Business Practice Standards addressing consolidations and revise the standards as needed to support the TSP’s Tariff and FERC 18 CFR 37.6 OASIS posting regulations as approved by the WEQ Executive Committee on October 18, 2022: https://naesb.org/member_login_check.asp?doc=weq_rat101922_weq_2022_api_3c_r21004_rec.docx</p>
04-27-23	https://naesb.org/member_login_check.asp?doc=weq_rat032823ballot.doc	https://naesb.org/pdf4/rat_weq042723tally.xls	<p>Recommendation to Support 2023 WEQ Annual Plan Item 5.d/Standards Request R22001 – Develop business practices to define a common list of grid services for electric market interactions that support grid-edge resources such as distributed energy resources and batteries in support of U.S. Department of Energy Grid Modernization Laboratory Consortium efforts as revised and approved by the WEQ Executive Committee on March 28, 2023: https://naesb.org/member_login_check.asp?doc=weq_rat032823_weq_2023_api_5d_R22001_rec.docx</p>

Appendix C: List of Transcripts

Appendix C –List of Transcripts			
Date of Meeting	Meeting and Minutes	Transcription Service	How to obtain transcripts ¹
10-27-20	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec102720fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
03-09-21	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec030921fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
10-05-21	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec100521fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
01-25-22	RMQ, WEQ, and WGQ ECs Single Topic Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/ec012522fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
03-29-22	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032922fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
10-18-22	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec101822fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
03-28-23	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032823fm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807
06-13-23	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec061323dm.docx	Jill Webb, CSR	Jill Webb, CSR 1803 Rustic Oak Ln Seabrook, Texas 77586 281-853-6807

¹ 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 D: NAESB Process for Standards Development

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.

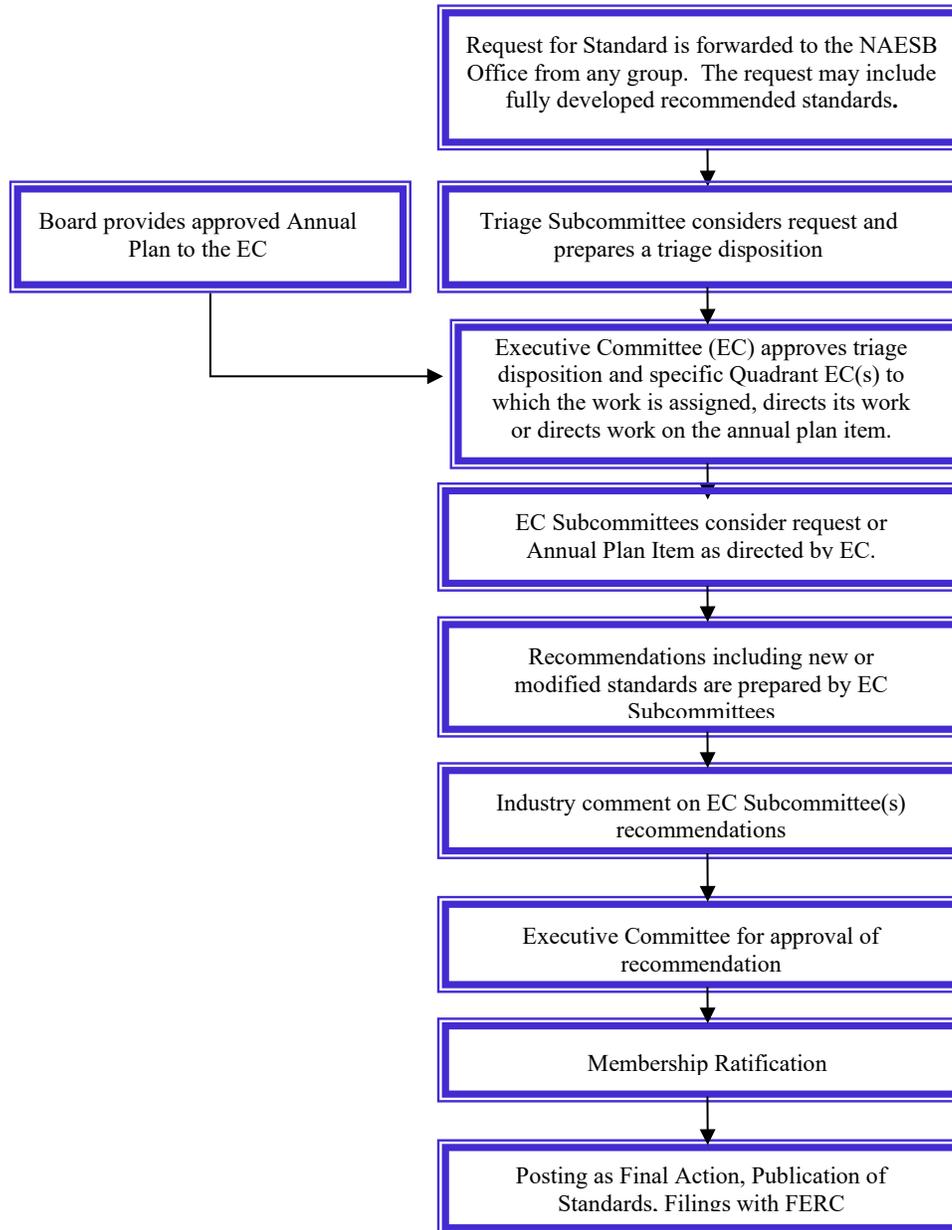
When the recommendation is complete, it is made available for a thirty-day industry comment period. The recommendation and comments are then forwarded to the EC, which considers the recommendation, makes any changes it deems necessary, and takes a vote. A recommendation must receive an affirmative vote 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 D: NAESB Process for Standards Development

North American Energy Standards Board
Standards Development Process Flow Chart



Appendix D: NAESB Process for Standards Development

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.¹ 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.

¹ 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.

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2020 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
 Adopted by the Board of Directors on December 11, 2019**

Item Description	Completion ¹	Assignment ²
1. Develop business practices standards as needed to complement reliability standards		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection – Permanent Solution Note: Consideration should be given to provisional item 2.a. Work is being coordinated with the Eastern Interconnection Data Sharing Network (EIDSN). Status: Completed	2019	BPS
b) Revise TLR level 5 to be treated similarly to TLR Level 3 in terms of treating the next hour allocation separately from that of current hour. (R11020) Status: Completed	2019	BPS
2. Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)¹		
Develop business practice standards to better coordinate the use of the transmission system among neighboring transmission providers.		
a) Paragraphs 1627 ² of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments Status: Started	2020	OASIS/BPS
3. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling		
a) Development of industry Business Practice Standards to define the eligibility and treatment of Rollover Rights for Network Integration Transmission Service (NITS). Also develop template structures and other standards that support these Business Practice Standards as necessary. (R18004) Status: Started	2020	OASIS
b) Development of industry Business Practice Standards for the TP to be able to document any MW limitation on serving total load(s) as firm under the NITS Application at specific POD/Sink locations. This would be outside the scope of a load forecast (customer driven). Status: Not Started	TBD	OASIS

¹ 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

² 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.

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2020 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
 Adopted by the Board of Directors on December 11, 2019**

Item Description	Completion ¹	Assignment ²
c) Development of industry Business Practice Standards for the need for expanding concept of generation groups. E.g., hierarchical groups - fleet, plant, unit Status: Not Started	TBD	OASIS
d) Development of industry Business Practice Standards to look into the optional nature be removed to require creating of Scheduling Rights (SRs) whether requested by the customer or generated by the TP. Status: Not Started	TBD	OASIS
e) Development of industry Business Practice Standards for adding new variables on certain query responses (e.g., NITSLoadForecast, etc.) Status: Not Started	TBD	OASIS
f) Evaluate and develop a common industry data specification to support automated Net Scheduled Interchange (NSI) Checkout Status: Started	2020	CISS
4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.		
a) Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. ³ Status: Not Started	2020	Cybersecurity Subcommittee
b) Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards ⁴ and any other activities of NERC and the FERC related to cybersecurity. Status: Not Started	2020	Cybersecurity Subcommittee
5. Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)⁵		
a) Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms Status: Started	2020	Joint WEQ/WGQ FERC Forms Subcommittee
6. Develop and/or modify the NAESB Business Practice Standards if needed to address any recommendations resulting from the surety assessment performed by Sandia National Laboratories		
a) Develop and/or modify the NAESB Business Practice Standards as needed to address the Additional Findings and Considerations identified by Sandia National Laboratories		
i) Develop and/or modify WEQ-012, the NAESB Accreditation Requirements for Authorized Certification Authorities and/or other standards as needed to address Additional Findings and Considerations identified by Sandia National Laboratories Status: Started	2020	Cybersecurity Subcommittee
7. Distributed Ledger Technology		

³ The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx.

⁴ <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>

⁵ 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

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2020 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
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Item Description	Completion¹	Assignment²
a) Distributed Ledger Technology for Power Trade Events		
i. Review power trade events to streamline the power accounting close cycle to determine if WEQ Business Practice Standards should be developed utilizing Distributed Ledger Technology (DLT). Status: Not Started	2020	WEQ Executive Committee
ii. Develop Distributed Ledger Technology (DLT) WEQ Business Practice Standards and/or protocols for power trade events to streamline the power accounting close cycle, if needed based upon review. Status: Not Started	2020	WEQ Executive Committee
b) Distributed Ledger Technology for the Renewable Energy Certificate (REC) Process		
i. Review current Renewable Energy Certificate (REC) processes for financial and/or sustainability accounting/reporting to determine if Business Practice Standards and/or protocols are needed. Status: Completed	2019	Joint RMQ/WEQ Executive Committees
ii. Develop a standard contract to improve and automate the current Voluntary Renewable Energy Certificate (REC) creation, accounting, and retirement processes Status: Started	2020	Joint RMQ/WEQ BPS

PROVISIONAL ITEMS

1. Optional Work to Extend Existing Standards

- a) Prepare recommendations for future path for TLR⁶ in concert with NERC, which may include alternative congestion management procedures.⁷ Work on this activity is dependent on completing 2019 WEQ Annual Plan 1.a (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection).
- b) Re-examine the need for business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers, GLN, and LEI.

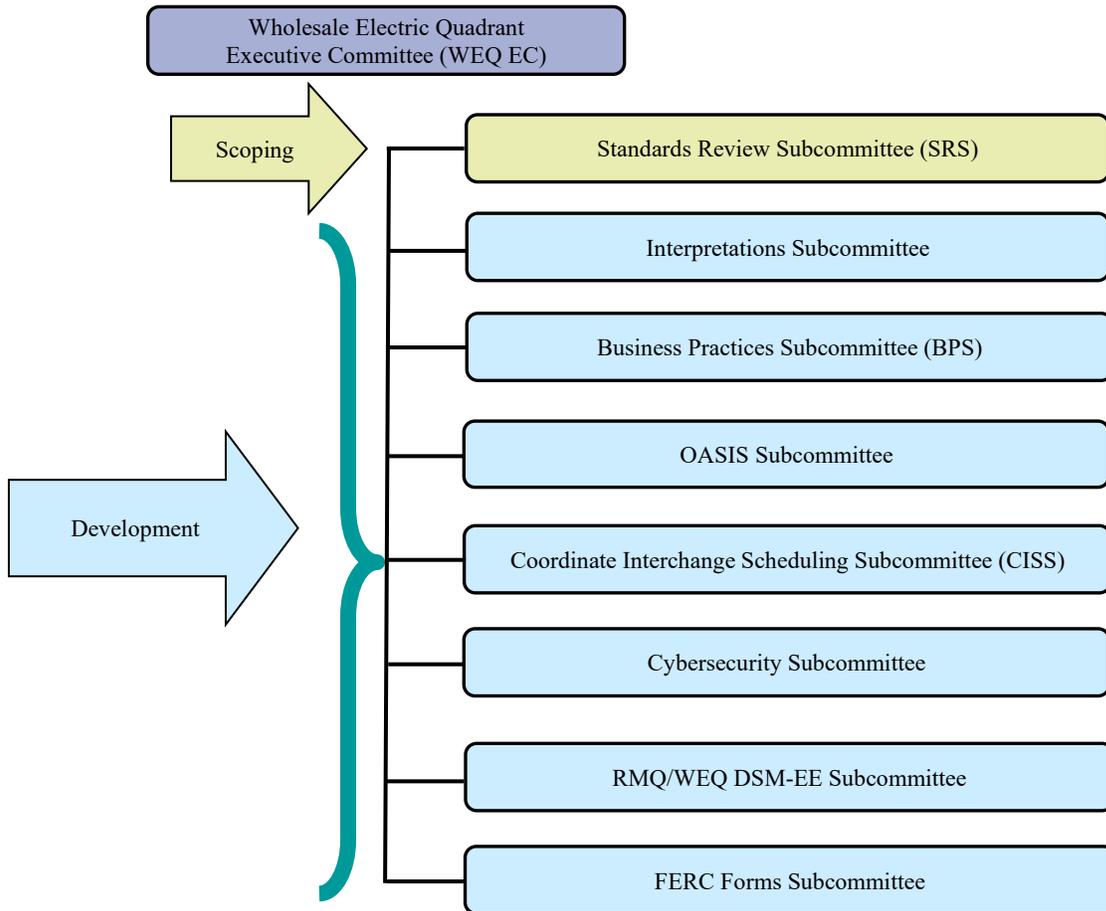
2. Pending Regulatory or Legislative Action

- a) Determine NAESB action needed to support smart grid technology, including but not limited to FERC Action Plan(s).
- b) Develop business practice standards for cap and trade programs for greenhouse gas.
- c) Should the FERC determine to act in response to NAESB’s report of the Version 003.1 or Version 003.2 Business Practice Standards, and should the FERC recommend specific action, develop and/or revise Business Practice Standards as needed.
- d) Revise WEQ-023 based on FERC Orders associated to Docket Nos. RM14-7-000 and AD15-5-000

⁶ 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.

⁷ 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.

WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Active Subcommittee Leadership:

Executive Committee (EC): Vacant (Chair) and Joshua Phillips (Vice Chair)

Standards Review Subcommittee (SRS): Ron Robinson

Business Practices Subcommittee (BPS): Dick Brooks and Jason Davis

Open Access Same Time Information System (OASIS) Subcommittee: Rob Arbitelle, Ken Quimby, Matt Schingle, J.T. Wood and Mike Steigerwald

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

Cybersecurity Subcommittee: Jim Buccigross

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

Inactive Subcommittees:

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

Interpretations Subcommittee: Vacant

Demand Side Management-Energy Efficiency (DSM-EE) RMQ/WEQ Subcommittee: Paul Wattles (WEQ)

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2021 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
 Adopted by the Board of Directors on December 17, 2020**

Item Description	Completion ¹	Assignment ²
1. Develop business practices standards as needed to complement reliability standards		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Update WEQ-005 Area Control Error (ACE) Equation Special Cases to account for modifications to NERC Dynamic Transfer Reference Document V4 (Standards Request R20008) Status: Started	2021	BPS
b) Revise as needed WEQ-023 Modeling Business Practice Standards to support any FERC directives or Final Orders, including in Docket Nos. RM05-5-029, RM05-5-030, RM19-16-000, RM19-17-000, and AD15-5-000 ¹ Status: Not Started	2021	BPS
2. Develop and/or modify the NAESB WEQ Business Practice Standards to support FERC Order No. 676-I (Docket Nos. RM05-5-25, RM05-5-26, and RM05-5-27)		
a) Consistent with FERC Order No. 676-I, reconsider the reservation of WEQ-006 Manual Time Error Correction and determine if the standards should be retained or revised (see ¶46 – 47) Status: Started	2020	BPS
3. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling		
a) Modify WEQ-000 Abbreviations, Acronyms, and Definition of Terms Business Practice Standards to provide a cross reference column to indicate which NAESB WEQ Business Practice Standards the abbreviations, acronyms, and definition of terms applies to (Standards Request R20013) Status: Started	2021	SRS
b) Develop industry business practice standards to provide a cross-reference table for the NAESB WEQ OASIS Business Practice Standards (WEQ-000, 001, 002, 003, and 013) to provide specificity in determining which standards are linked together Status: Not Started	2021	OASIS
c) Develop of industry business practice standards, as applicable, for identification of all modifications of service made to an original reservation in one location within OASIS Status: Not Started	2021	OASIS
d) Review the NAESB WEQ OASIS Business Practice Standards addressing redirects	2021	OASIS

¹ Paragraph 49 of FERC Notice of Proposed Rulemaking issued on July 16, 2020: The Commission stated in Order No. 729 that calculation of ATC is one of the most critical functions under the OATT, because it determines whether transmission customers can access alternative power supplies. It found that the improved transparency and consistency of ATC calculation methodologies would limit transmission service providers' wide discretion in calculating ATC and ensure that customers are treated fairly in seeking alternative power supplies. Because of the importance of the ATC calculation and as a result of the proposed retirement of NERC's MOD A Reliability Standards, the Commission is proposing to revise its regulations to establish the general criteria transmission owners must use in calculating ATC. The Commission also is proposing to adopt the NAESB standards as they appear generally consistent with those criteria. The Commission, however, seeks comment herein on whether the NAESB standards could be improved by providing additional detail to further protect transmission customers. We seek comment on whether the proposed regulator text included below will provide a clear basis for establishing that transmission provider ATC calculations must be transparent, consistent, and not unduly discriminatory or preferential. We also seek comment on whether we should develop additional new regulations to maintain the current level of detail related to ATC calculations; if so, what level of detail those regulations should have.

**NORTH AMERICAN ENERGY STANDARDS BOARD
2021 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
Adopted by the Board of Directors on December 17, 2020**

Item Description	Completion ¹	Assignment ²
and revise the standards as needed to support direction provided in the FERC Order on Clarification re: Standards for Business Practices and Communication Protocols for Public Utilities in Docket No. RM05-5-028 Status: Not Started		
4. Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.		
a) Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. ² Status: Not Started	2021	Cybersecurity Subcommittee
b) Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards ³ and any other activities of NERC and the FERC ⁴ related to cybersecurity. Status: Not Started	2021	Cybersecurity Subcommittee
5. Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)⁵		
a) Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms Status: Started	2021	Joint WEQ/WGQ FERC Forms Subcommittee
6. Distributed Ledger Technology		
a) Distributed Ledger Technology for Power Trade Events		
i. Review power trade events to streamline the power accounting close cycle to determine if WEQ Business Practice Standards should be developed utilizing Distributed Ledger Technology (DLT). Status: Not Started	2021	WEQ Executive Committee
ii. Develop Distributed Ledger Technology (DLT) WEQ Business Practice Standards and/or protocols for power trade events to streamline the power accounting close cycle, if needed based upon review. Status: Not Started	2021	WEQ Executive Committee
b) Distributed Ledger Technology for the Renewable Energy Certificate (REC) Process		
i. Develop a model agreement to improve and automate the current Voluntary Renewable Energy Certificate (REC) creation, accounting, and retirement processes Status: Started	2021	Joint RMQ/WEQ BPS
7. Develop and/or modify standards for information and reporting requirements to support battery storage/energy storage and, more broadly, distributed energy resources in front and behind the meter. Standards applicable to qualified wholesale participants, e.g. FERC Order No. 841, should take precedence.		

² The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx.

³ <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>

⁴ Including proceedings in FERC Docket No. RM20-19-000 (FERC Notice of Inquiry Equipment and Services Produced or Provided by Certain Entities Identified as Risks to National Security)

⁵ 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

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2021 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
 Adopted by the Board of Directors on December 17, 2020**

	Item Description	Completion¹	Assignment²
a)	Develop business practices that define an index/registry for qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Not Started	2021	BPS
b)	Develop business practices for information and reporting requirements for the qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Not Started	2021	BPS
c)	Develop business practices to establish performance metrics for the qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Not Started	2021	BPS

PROVISIONAL ITEMS

1. Optional Work to Extend Existing Standards

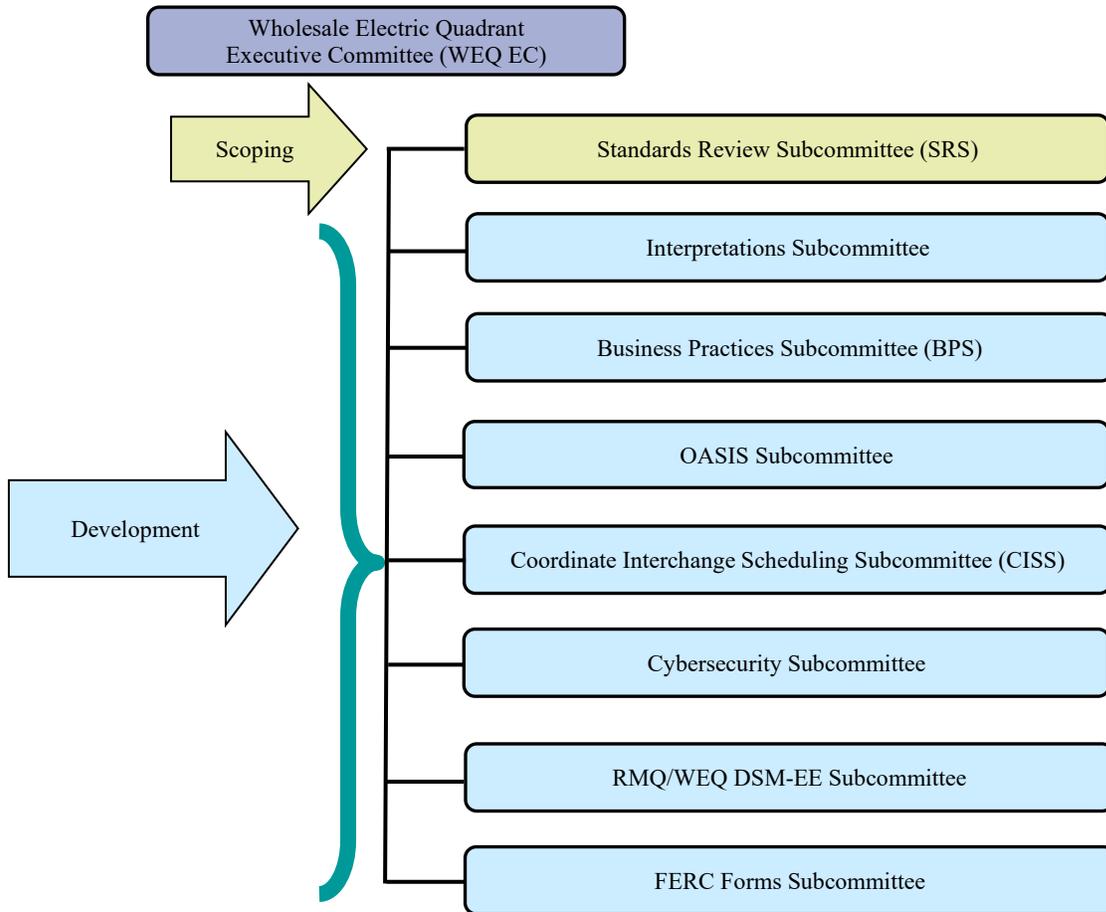
- a) Consider modifications to the TLR Procedure in coordination with NERC and EIDSN, Inc, which may include alternative congestion management procedures.⁶

2. Pending Regulatory or Legislative Action

- a) Should the FERC determine to act in response to NAESB's report of Version 003.3 of the WEQ Business Practice Standards and should the FERC recommend specific action, develop and/or revise Business Practice Standards as needed
- b) Determine potential NAESB action if needed to support FERC Notice of Proposed Policy Statement Carbon Pricing in Organized Wholesale Electricity Markets in Docket No. AD20-14-000
- c) Determine potential NAESB action if needed to support FERC Order No. 2222 Participation of Distributed Energy Resource Aggregations in Markets Operated by Regional Transmission Organizations and Independent System Operators in Docket No. RM18-9-000

⁶ 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.

WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Active Subcommittee Leadership:

- Executive Committee (EC): Joshua Phillips (Chair) and Dick Brooks (Vice Chair)
- Standards Review Subcommittee (SRS): Ron Robinson
- Business Practices Subcommittee (BPS): Dick Brooks and Jason Davis
- Open Access Same Time Information System (OASIS) Subcommittee: Rob Arbitelle, Ken Quimby, Matt Schingle, J.T. Wood and Mike Steigerwald
- Coordinate Interchange Scheduling Subcommittee (CISS): Joshua Phillips and Zack Buus
- Cybersecurity Subcommittee: Jim Buccigross
- FERC Forms Subcommittee (WEQ/WGQ): Leigh Spangler (WGQ), Dick Brooks (WEQ)

Inactive Subcommittees:

- e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Keith Sappenfield (WGQ)
- Interpretations Subcommittee: Vacant
- Demand Side Management-Energy Efficiency (DSM-EE) RMQ/WEQ Subcommittee: Paul Wattles (WEQ)

NORTH AMERICAN ENERGY STANDARDS BOARD
2022 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
Adopted by the Board of Directors on December 9, 2021

Item Description	Completion ¹	Assignment ²
1. Develop business practices standards as needed to complement reliability standards		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Revise as needed WEQ-023 Modeling Business Practice Standards to support any FERC directives or Final Orders, including in Docket Nos. RM05-5-029, RM05-5-030, RM19-16-000, RM19-17-000, and AD15-5-000 ¹ Status: Not Started	2022	BPS
2. Develop and/or modify the NAESB WEQ Business Practice Standards to support FERC Order No. 676-J (Docket Nos. RM05-5-029 and RM05-5-030)		
a) Consistent with FERC Order No. 676-J, review WEQ-023-1.4 and WEQ-023.1.4.1 and determine if revisions are needed to address NOPR comments regarding contract path management (see ¶ 25 – 32) Status: Not Started	2022	BPS
b) Consistent with FERC Order No. 676-J, review the WEQ-023 Business Practice Standards and make modifications as necessary to improve the accuracy of ATC and related calculations (see ¶ 40) Status: Not Started	2022	BPS
3. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling		
a) Develop industry business practice standards to provide a cross-reference table for the NAESB WEQ OASIS Business Practice Standards (WEQ-000, 001, 002, 003, and 013) to provide specificity in determining which standards are linked together Status: Started	1 st Q, 2022	OASIS
b) Review the NAESB WEQ OASIS Business Practice Standards and make the necessary modifications needed for implementation of the following items (Standards Request R21003)		
i. Review the current rollover rights functionality that is automatically redirected when a redirect is submitted to end of term and revise the standards as needed Status: Started	4 th Q, 2021	OASIS
ii. Review the need to easily assess profile changes that occurred as a result of Preemption-ROFR process and revise the standards as needed Status: Not Started	1 st Q, 2022	OASIS

¹ Paragraph 49 of FERC Notice of Proposed Rulemaking issued on July 16, 2020: The Commission stated in Order No. 729 that calculation of ATC is one of the most critical functions under the OATT, because it determines whether transmission customers can access alternative power supplies. It found that the improved transparency and consistency of ATC calculation methodologies would limit transmission service providers' wide discretion in calculating ATC and ensure that customers are treated fairly in seeking alternative power supplies. Because of the importance of the ATC calculation and as a result of the proposed retirement of NERC's MOD A Reliability Standards, the Commission is proposing to revise its regulations to establish the general criteria transmission owners must use in calculating ATC. The Commission also is proposing to adopt the NAESB standards as they appear generally consistent with those criteria. The Commission, however, seeks comment herein on whether the NAESB standards could be improved by providing additional detail to further protect transmission customers. We seek comment on whether the proposed regulator text included below will provide a clear basis for establishing that transmission provider ATC calculations must be transparent, consistent, and not unduly discriminatory or preferential. We also seek comment on whether we should develop additional new regulations to maintain the current level of detail related to ATC calculations; if so, what level of detail those regulations should have.

**NORTH AMERICAN ENERGY STANDARDS BOARD
2022 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
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	Item Description	Completion¹	Assignment²
iii.	Review the Concomitant Business Practice Standards requests to support the release of PTP capacity to be paired with a new request for designation and revise the standards as needed Status: Not Started	2 nd Q, 2022	OASIS
c)	Review the NAESB WEQ OASIS Business Practice Standards addressing consolidations and revise the standards as needed to support the TSP's Tariff and FERC 18 CFR 37.6 OASIS posting regulations (Standards Request R21004) Status: Started	1 st Q, 2022	OASIS
4.	Develop and/or maintain standard communication protocols and - cybersecurity business practices as needed.		
a)	Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. ² Status: Not Started	3 rd Q, 2022	Cybersecurity Subcommittee
b)	Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards ³ and any other activities of NERC and the FERC ⁴ related to cybersecurity. Status: Not Started	3 rd Q, 2022	Cybersecurity Subcommittee
5.	Distributed Ledger Technology		
a)	Distributed Ledger Technology for Power Trade Events		
i.	Review power trade events to streamline the power accounting close cycle to determine if WEQ Business Practice Standards should be developed utilizing Distributed Ledger Technology (DLT). Status: Not Started	2022	WEQ Executive Committee
ii.	Develop Distributed Ledger Technology (DLT) WEQ Business Practice Standards and/or protocols for power trade events to streamline the power accounting close cycle, if needed based upon review. Status: Not Started	2022	WEQ Executive Committee
b)	Distributed Ledger Technology for the Renewable Energy Certificate (REC) Process		
i.	Develop technical implementation business practice standards to support automation of the current REC creation, accounting and retirement processes for voluntary markets consistent with the Base Contract for Sale and Purchase of RECs Status: Started	2022	Joint RMQ/WEQ BPS
6.	Develop and/or modify standards for information and reporting requirements to support battery storage/energy storage and, more broadly, distributed energy resources in front and behind the meter. Standards applicable to qualified wholesale participants, e.g. FERC Order No. 841, should take precedence.		
a)	Develop business practices that define an index/registry for qualified energy storage resources and distributed energy resources participating in the wholesale markets	2022	BPS

² The "NAESB Accreditation Requirements for Authorized Certification Authorities" can be found at: http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx.

³ <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>

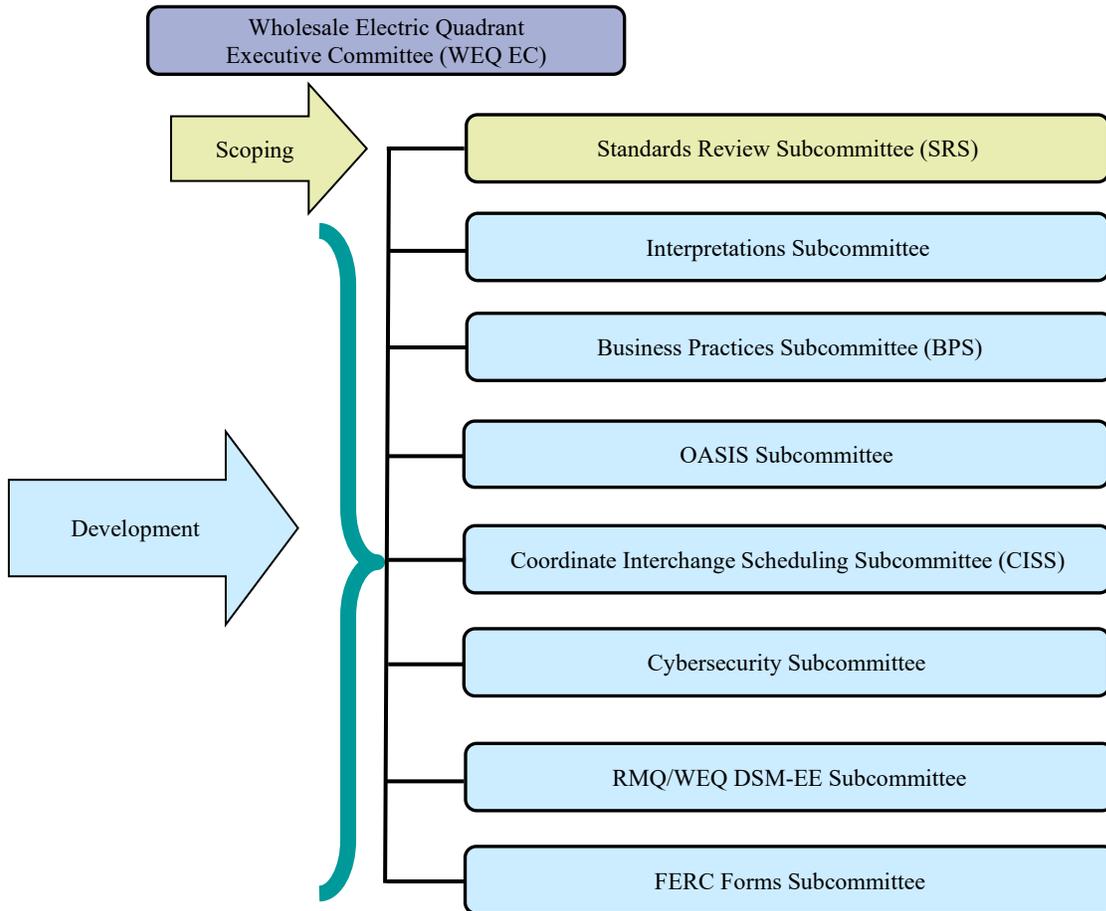
⁴ Including proceedings in FERC Docket No. RM20-19-000 (FERC Notice of Inquiry Equipment and Services Produced or Provided by Certain Entities Identified as Risks to National Security)

NORTH AMERICAN ENERGY STANDARDS BOARD
2022 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
Adopted by the Board of Directors on December 9, 2021

Item Description	Completion ¹	Assignment ²
Status: Started		
b) Develop business practices for information and reporting requirements for the qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Started	2022	BPS
c) Develop business practices to establish performance metrics for the qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Not Started	2022	BPS
7. Gas-Electric Coordination		
a. Develop standards to support coordination of commercial practices between the natural gas and electric markets during impending extreme weather-related emergency operating conditions (R21006) Status: Started	2022	TBD
PROVISIONAL ITEMS		
1. Optional Work to Extend Existing Standards		
a) Consider modifications to the TLR Procedure in coordination with NERC and EIDSN, Inc, which may include alternative congestion management procedures. ⁵		
b) Develop business practice standards, as needed, to support purchase and sale transactions related to hydrogen		
2. Pending Regulatory or Legislative Action		
a) Determine potential NAESB action if needed to support FERC Notice of Proposed Policy Statement Carbon Pricing in Organized Wholesale Electricity Markets in Docket No. AD20-14-000		

⁵ 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.

WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Active Subcommittee Leadership:

Executive Committee (EC): Joshua Phillips (Chair) and Dick Brooks (Vice Chair)

Standards Review Subcommittee (SRS): Ron Robinson

Business Practices Subcommittee (BPS): Joshua Phillips and Lisa Sieg

Open Access Same Time Information System (OASIS) Subcommittee: Rob Arbitelle, Ken Quimby, Matt Schingle, J.T. Wood and Mike Steigerwald

Coordinate Interchange Scheduling Subcommittee (CISS): Zack Buus and Nik Browning

Cybersecurity Subcommittee: Jim Buccigross

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

Inactive Subcommittees:

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

Interpretations Subcommittee: Vacant

Demand Side Management-Energy Efficiency (DSM-EE) RMQ/WEQ Subcommittee: Paul Wattles (WEQ)

**NORTH AMERICAN ENERGY STANDARDS BOARD
2023 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
Adopted by the Board of Directors on December 8, 2022**

Item Description	Completion ¹	Assignment ²
1. Develop business practices standards as needed to complement reliability standards		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Revise as needed WEQ-023 Modeling Business Practice Standards to support any FERC directives or Final Orders, including in Docket Nos. RM05-5-029, RM05-5-030, RM19-16-000, RM19-17-000, and AD15-5-000 ¹ Status: Not Started	2023	BPS
2. Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling		
a) Review the WEQ OASIS Business Practice Standards for needed modifications based on implementation and operational experiences since the adoption of WEQ Version 003.3 Status: Not Started	2023	OASIS
3. Develop and/or maintain standard communication protocols and cybersecurity business practices as needed.		
a) Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions. ² Status: Not Started	3 rd Q, 2023	Cybersecurity Subcommittee
b) Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards ³ and any other activities of NERC and the FERC ⁴ related to cybersecurity. Status: Not Started	3 rd Q, 2023	Cybersecurity Subcommittee
c) Review cybersecurity standards to determine if baseline Multi-Factor Authentication (MFA) should be integrated into standard requirements and develop supportive standards as needed Status: Not Started	2023	Cybersecurity Subcommittee
d) Review cybersecurity protections, such as Public Key Infrastructure (PKI), that may be necessary to secure electronic communications for distributed energy resources (DERs), and develop business practices as needed. Status: Not Started	2023	BPS/Cybersecurity Subcommittee

¹ In Paragraph 4 of FERC Order No. 873, issued on September 17, 2020, the Commission reiterated its intentions “to coordinate the effective dates of the retirement of the MOD A Reliability Standards with successor North American Energy Standards Board (NAESB) business practice standards” and that the Commission would “determine the appropriate action regarding the proposed retirement of the MOD A Reliability Standards at a later time.” As part of FERC Order No. 676-J, issued on May 20, 2021, the Commission adopted, through the incorporation by reference process, the WEQ-023 Business Practice Standards as part of action on WEQ Version 003.3. Per the directives contained in FERC Order No. 676-J, industry compliance filings regarding the WEQ-023 Business Practice Standards are due twelve months after the implementation of WEQ Version 003.2, but on earlier than October 27, 2022.

² The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx.

³ <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx>

⁴ Including proceedings in FERC Docket No. RM20-19-000 (FERC Notice of Inquiry Equipment and Services Produced or Provided by Certain Entities Identified as Risks to National Security)

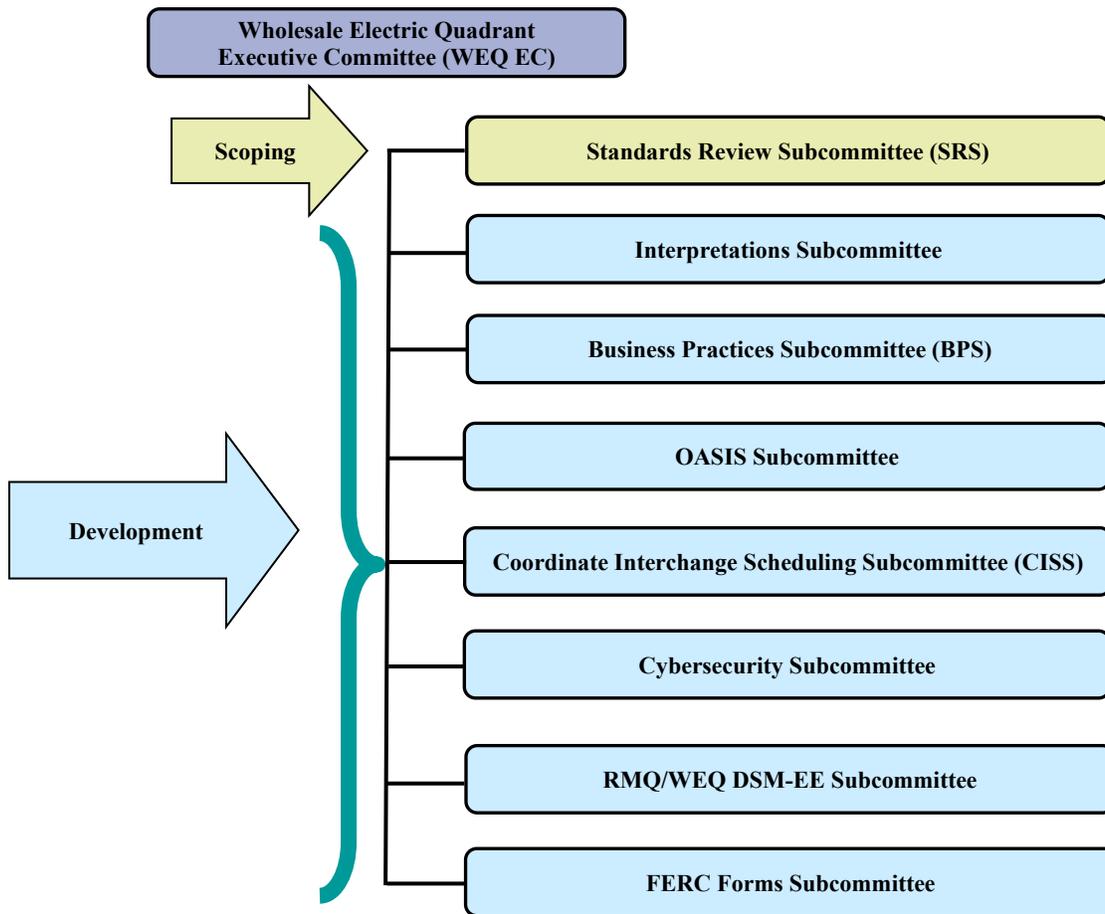
NORTH AMERICAN ENERGY STANDARDS BOARD
2023 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
Adopted by the Board of Directors on December 8, 2022

Item Description	Completion ¹	Assignment ²
4. Distributed Ledger Technology		
a) Distributed Ledger Technology for Power Trade Events		
i. Review power trade events to streamline the power accounting close cycle to determine if WEQ Business Practice Standards should be developed utilizing Distributed Ledger Technology (DLT). Status: Not Started	2023	WEQ Executive Committee
ii. Develop Distributed Ledger Technology (DLT) WEQ Business Practice Standards and/or protocols for power trade events to streamline the power accounting close cycle, if needed based upon review. Status: Not Started	2023	WEQ Executive Committee
5. Develop and/or modify standards for information and reporting requirements to support battery storage/energy storage and, more broadly, distributed energy resources in front and behind the meter. Standards applicable to qualified wholesale participants, e.g. FERC Order No. 841, should take precedence.		
a) Develop business practices that define an index/registry for qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Started	2023	BPS
b) Develop business practices for information and reporting requirements for the qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Started	2023	BPS
c) Develop business practices to establish performance metrics for the qualified energy storage resources and distributed energy resources participating in the wholesale markets Status: Not Started	2023	BPS
d) Develop business practices to define a common list of grid services for electric market interactions that support grid-edge resources such as distributed energy resources and batteries in support of U.S. Department of Energy Grid Modernization Laboratory Consortium efforts (Standards Request R22001) Status: Started	1 st Q, 2023	BPS
6. Develop and/or modify standards to support FERC Order No. 881 in Docket No. RM20-16-000 (Standards Request R22002)		
a) Determine the necessary modifications to the NAESB Business Practice Standards to support industry implementation of FERC Order No. 881	2023	BPS/OASIS
i. Develop and/or modify as needed business practices, including the WEQ-023 Modeling Business Practice Standards, to support industry implementation of FERC Order No. 881 Status: Not Started	2023	BPS
ii. Develop and/or modify as needed WEQ OASIS related business practice standards to support industry implementation of FERC Order No. 881 Status: Started	2023	OASIS
Provisional Activities		
1. Optional Work to Extend Existing Standards		
a) Develop business practice standards, as needed, to support purchase and sale transactions related to hydrogen		

NORTH AMERICAN ENERGY STANDARDS BOARD
2023 ANNUAL PLAN for the WHOLESale ELECTRIC QUADRANT
Adopted by the Board of Directors on December 8, 2022

	Item Description	Completion¹	Assignment²
2.	Pending Regulatory or Legislative Action		
a)	Determine potential NAESB action if needed to support FERC Notice of Proposed Policy Statement Carbon Pricing in Organized Wholesale Electricity Markets in Docket No. AD20-14-000		
b)	Determine potential NAESB action, if needed, to support industry implementation of any FERC Order regarding the FERC's Notice of Proposed Rulemaking Building for the Future Through Electric Regional Transmission Planning and Cost Allocation and Generator Interconnection in Docket No. RM21-17-000		

WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB 2023 WEQ EC and Subcommittee Leadership:

- Executive Committee (EC): Joshua Phillips (Chair) and Ron Robinson (Vice Chair)
- Standards Review Subcommittee (SRS): Ron Robinson
- Business Practices Subcommittee (BPS): Joshua Phillips and Lisa Sieg
- Open Access Same Time Information System (OASIS) Subcommittee: Rob Arbitelle, Ken Quimby, Matt Schingle, J.T. Wood and Mike Steigerwald
- Coordinate Interchange Scheduling Subcommittee (CISS): Zack Buus and Nik Browning
- Cybersecurity Subcommittee: Jim Buccigross
- FERC Forms Subcommittee (WEQ/WGQ): Leigh Spangler (WGQ), Dick Brooks (WEQ)³
- Inactive Subcommittees:
 - e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Keith Sappenfield (WGQ)
 - Interpretations Subcommittee: Vacant
 - Demand Side Management-Energy Efficiency (DSM-EE) RMQ/WEQ Subcommittee: Paul Wattles (WEQ)

End Notes WEQ 2020 Annual Plan:

¹ 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.

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

End Notes WEQ 2021 Annual Plan:

¹ 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.

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

End Notes WEQ 2022 Annual Plan:

¹ 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.

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

End Notes WEQ 2023 Annual Plan:

¹ Dates in the completion column are by end of the quarter for completion by the assigned committee, subcommittee 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.

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

Appendix F: Minor Corrections Applied

Appendix F – Minor Corrections Applied		
EC Meeting Date	EC Meeting Minutes	Minor Corrections
10-27-20	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec102720fm.docx	MC20012 – WEQ-001 OASIS, WEQ-002 OASIS Business Practice Standards and Communication Protocol (S&CP), WEQ-003 OASIS Data Dictionary, WEQ-004 Coordinate Interchange, and WEQ-013 OASIS Implementation Guide. In reviewing the publication for NAESB WEQ Business Practice Standards, Version 003.3, and Version 1.8.4 Electronic Tagging Functional Specifications, it was noted that there were some minor inconsistencies in the versions. This minor correction will make consistency between the versions. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc20012_rec_102720.docx
03-09-21	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec030921fm.docx WEQ EC MC21003 Notational Ballot: https://naesb.org/pdf4/weq_ec032521ballot.docx WEQ EC MC21003 Notational Ballot Results: https://naesb.org/pdf4/weq_ec032521ballot_results.docx	MC21003 – Minor Correction to WEQ Version 003.3: WEQ-000, WEQ-015, and WEQ-021 for consistency in the use of defined terms, abbreviations, and acronyms within the standards and WEQ-000. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc21003_rec_040821.doc <u>Comments:</u> Comments Submitted by JT Wood, Southern Company on WEQ-000: https://naesb.org/member_login_check.asp?doc=weq_mc21003_weq-000_attachment_comments_soco.docx Comments Submitted by JT Wood, Southern Company on WEQ-015: https://naesb.org/member_login_check.asp?doc=weq_mc21003_weq-015_attachment_comments_soco.docx Comments Submitted by JT Wood, Southern Company on WEQ-021: https://naesb.org/member_login_check.asp?doc=weq_mc21003_weq-021_attachment_comments_soco.docx MC21001 – Minor Correction to WEQ-023, Version 003.3. Currently, the Applicability section on page 4 states: Transmission Service Providers and Transmission Operators. MISO is requesting Applicability be expanded to include: Transmission Service Providers, Transmission Operators, Transmission Providers, Balancing Authorities (BA) and Load Serving Entities (LSE). Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc21001_rec_030921.doc
10-18-22	WEQ EC Meeting, Phoenix, AZ with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec101822fm.docx	MC22012 – Minor Correction to NAESB WEQ Business Practice Standards, Version 003.4, WEQ-001 Open Access Same-Time Information System to correct some minor inconsistencies. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc22012_rec_101822.docx

Appendix F – Minor Corrections Applied

EC Meeting Date	EC Meeting Minutes	Minor Corrections
	WEQ EC MC22008 Notational Ballot: https://naesb.org/pdf4/weq_ec110422ballot.docx WEQ EC MC22008 Notational Ballot Results: https://naesb.org/pdf4/weq_ec110422ballot_results.docx	MC22008 – Proposed minor correction to WEQ Version 003.4 to move all WEQ cybersecurity-related business practices not included in WEQ-012 into a new suite of WEQ Business Practice Standards. Recommendation: https://naesb.org/pdf4/weq_mc22008_rec_111822.doc <u>Comments:</u> Comments on Attachment 1 Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_mc22008_attach1_comments_soco.docx Comments on Attachment 2 Submitted by JT Wood, Southern Company: https://naesb.org/member_login_check.asp?doc=weq_mc22008_attach2_comments_soco.docx MC22004 – Minor Correction to NAESB WEQ Business Practice Standards, Version 003.4: WEQ-000, WEQ-001, WEQ-002, WEQ-003, WEQ-013 - minor inconsistencies in the version. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc22004_rec_101822.docx
		MC22003 – Minor Correction to NAESB WEQ Business Practice Standards, Version 003.3: WEQ-000, WEQ-001, WEQ-002, WEQ-003, WEQ-013 - minor inconsistencies in the version. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc22003_rec_101822.docx
03-28-23	WEQ EC Meeting, Dallas, TX with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032823fm.docx	MC23002 – Minor Correction to NAESB WEQ Business Practice Standards, Version 003.4: WEQ-000 Abbreviations, Acronyms, and Definition of Terms, WEQ-001 OASIS, WEQ-013 OASIS Implementation Guide, and WEQ-024 Cybersecurity to correct some minor inconsistencies. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc23002_rec_032823.docx
06-13-23	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec061323dm.docx	MC23007 – Minor Correction to modify NAESB WEQ-008, Transmission Loading Relief (TLR) – Eastern Interconnection, Version 003.3 to be consistent with NERC’s decision to delete the NERC TLR log repository from the NERC website, making the repository no longer available to the NAESB Business Practice Standard WEQ-008-1.6.1, version 3.3. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc23007_rec_061323.docx MC23008 – Minor Correction to correct inconsistencies and typographical errors and update references to NERC Reliability Standards in NAESB WEQ Business Practice Standards WEQ Version 003.4: WEQ-000 Abbreviations, Acronyms, and Definition of Terms, WEQ-004 Coordinate Interchange Business Practice Standards, WEQ-005 Area Control Error (ACE) Equation Special Cases, WEQ-006 Manual Time Error Correction, and WEQ-025 Grid Services Supporting Wholesale Electric Interactions. Recommendation: https://naesb.org/member_login_check.asp?doc=weq_mc23008_rec_061323.docx

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) above¹, 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).

¹ 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 –No Action Recommendations

EC Meeting Date	EC Meeting Minutes	No Action Recommendations
10-27-20	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec102720fm.docx	<p>2020 WEQ Annual Plan Item 6.a – Develop and/or modify the NAESB Business Practice Standards as needed to address the Additional Findings and Considerations identified by Sandia National Laboratories. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2020_api_6a_rec_102720.docx No Comments Received.</p> <p>2020 WEQ Annual Plan Items 4.a and 4.b – 4.a – Review annually at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities; 4.b. Evaluate and modify standards as needed to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards and any other activities of NERC and the FERC related to cybersecurity. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2020_api_4a_4b_rec_102720.docx No Comments Received.</p> <p>2020 WEQ Annual Plan Item 3.c – Development of industry Business Practice Standards for the need for expanding concept of generation groups. E.g., hierarchical groups - fleet, plant, unit. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2020_api_3c_rec_102720.docx No Comments Received.</p> <p>2020 WEQ Annual Plan Item 3.b – Development of industry Business Practice Standards for the TP to be able to document any MW limitation on serving total load(s) as firm under the NITS Application at specific POD/Sink locations. This would be outside the scope of a load forecast (customer driven). (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2020_api_3b_rec_102720.docx No Comments Received.</p> <p>Standards Request R19013 – Request for proposed enhancement to the eTag standard includes the ability share or preview a partially or fully completed eTag prior to submittal with entities on the tag. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_r19013_rec_102720.docx No Comments Received.</p> <p>2020 WEQ Annual Plan Item 3.d – Development of industry Business Practice Standards to look into the optional nature be removed to require creating of Scheduling Rights (SRs) whether requested by the customer or generated by the TP. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2020_api_3d_rec_102720.docx No Comments Received.</p>

Appendix G: No Action Recommendations

Appendix G –No Action Recommendations		
EC Meeting Date	EC Meeting Minutes	No Action Recommendations
10-05-21	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec100521fm.docx	2021 WEQ Annual Plan Item 3.d – Review the NAESB WEQ OASIS Business Practice Standards addressing redirects and revise the standards as needed to support direction provided in the FERC Order on Clarification re: Standards for Business Practices and Communication Protocols for Public Utilities in Docket No. RM05-5-028. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2021_api_3d_rec_100521.docx No Comments Received.
03-29-22	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032922fm.docx	2021 WEQ Annual Plan Item 5 / 2021 WGQ Annual Plan Item 3 – Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2021_api_5_wgq_2021_api_3_rec_102121.docx No Comments Received.
10-18-22	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec101822fm.docx	2022 WEQ Annual Plan Item 2.b – Consistent with FERC Order No. 676-J, review the WEQ-023 Business Practice Standards and make modifications as necessary to improve the accuracy of ATC and related calculation. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2022_api_2b_rec_070622.docx <u>Comments:</u> Comments Submitted by B. Welch, MISO: https://naesb.org/member_login_check.asp?doc=weq_070622_2a_2b_miso.docx Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_070622_2a_2b_weq_srs_late.pdf 2022 WEQ Annual Plan Items 4.b – Request to evaluate and modify as needed standards to support and/or complement the current version of the NERC Critical Infrastructure Protection Standards and any other activities of NERC and the FERC related to cybersecurity. (No further action needed) Recommendation: https://naesb.org/pdf4/weq_2022_api_4b_rec_063022.docx <u>Comments:</u> Comments Submitted by D. Brooks, Reliable Energy Analytics https://naesb.org/pdf4/weq_063022_rea.docx Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_042022_weq_srs.docx

Appendix G: No Action Recommendations

Appendix G –No Action Recommendations		
EC Meeting Date	EC Meeting Minutes	No Action Recommendations
		<p>2022 WEQ Annual Plan Items 7.a.ii (Standards Request R21006) – Request to create standard designations of critical electric infrastructure facilities during impending extreme weather-related emergency operating conditions consistent with other industry designations. (No further action needed)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2022_api_7aii_r21006_rec_060222.docx</p> <p><u>Comments:</u></p> <p>Comments Submitted by M. Foss, Institute for Public Policy, Rice University: https://naesb.org/pdf4/weq_060222_mfoss.docx</p> <p>Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_060222_weq_srs.pdf</p>
		<p>2022 WEQ Annual Plan Items 7.a.i and 7.a.iii, 2022 WGQ Annual Plan Items 5.a.i and 5.a.iii, and 2022 RMQ Annual Plan Items 3.a.i and 3.a.ii (Standards Request R21006) – Define a standard for the declaration of an impending extreme weather-related emergency operating condition by balancing authorities and natural gas pipelines consistent with other industry designations which could include the development and definition of what might constitute an impending extreme weather-related emergency operating condition; Define standards and communication protocols that support information sharing between critical parties during impending extreme weather-related emergency operating conditions. (No further action needed)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2022_api_7ai_7aiii_wgq_2022_api_5ai_5aiii_rmq_2022_api_3ai_3aii_r21006_rec_042622.docx</p> <p><u>Comments:</u></p> <p>Comments Submitted by the ISO/RTO Council’s Standards Review Committee and Electric Gas Coordination Task Force: https://naesb.org/pdf4/weq_wgq_rmq042622_irc_src_egctf.pdf</p> <p>Late Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_wgq_rmq_042622_weq_srs_late.pdf</p> <p>2022 WEQ Annual Plan Item 3.b.iii / R21003 – Review the Concomitant Business Practice Standards requests to support the release of PTP capacity to be paired with a new request for designation and revise the standards as needed. (No further action needed)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2022_api_3biii_rec_042022.docx</p> <p><u>Comments:</u></p> <p>Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_042022_weq_srs.docx</p>

Appendix G: No Action Recommendations

Appendix G –No Action Recommendations		
EC Meeting Date	EC Meeting Minutes	No Action Recommendations
03-28-23	WEQ EC Meeting, Conference Call with Web Conferencing Meeting Minutes: https://naesb.org/pdf4/weq_ec032823fm.docx	<p>2023 WEQ Annual Plan Items 3.a and 3.b – 3.a – Review annually, at a minimum, WEQ-012 and the accreditation requirements for Authorized Certification Authorities to determine if any changes are needed to meet market conditions / 3.b – Evaluate and modify as needed standards to support and/or complement the current version of the NERC Critical Infrastructure Protection Reliability Standards and any other activities of NERC and the FERC related to cybersecurity. (No further action needed)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2023_api_3a_3b_rec_020923.docx</p> <p><u>Comments:</u></p> <p>Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_020923_weq_srs.docx</p> <p>2023 WEQ Annual Plan Item 3.c – Review cybersecurity standards to determine if baseline Multi-Factor Authentication (MFA) should be integrated into standard requirements and develop supportive standards as needed. (No further action needed)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2023_api_3c_rec_020923.docx</p> <p><u>Comments:</u></p> <p>Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_020923_weq_srs.docx</p>
		<p>2023 WEQ Annual Plan Item 6.a.ii / Request R22002 – Develop and/or modify as needed WEQ OASIS related business practice standards to support industry implementation of FERC Order No. 881. (No further action needed)</p> <p>Recommendation: https://naesb.org/pdf4/weq_2023_api_6aia_R22002_rec_021423.docx</p> <p><u>Comments:</u></p> <p>Comments Submitted by the WEQ Standards Review Subcommittee: https://naesb.org/pdf4/weq_021423_weq_srs.docx</p>

Appendix H: Entities with Access to NAESB Standards

Appendix H – Entities with Access to NAESB Standards – NAESB Members with Access ¹		
Quadrant	Segment ²	Organization
WEQ	d	Alabama Municipal Electric Authority
WEQ	m	Allete (dba Minnesota Power)
WGQ	pl	Alliance Pipeline, LP
WEQ	g	American Electric Power Service Corp.
WGQ	l	American Gas Association
WEQ	m	American Municipal Power, Inc.
RMQ	g	American Public Gas Association (APGA)
WEQ	d	American Public Power Association
WGQ	e	Argonne National Laboratory
WEQ	t	Arizona Public Service Company
WGQ	pr	Ascent Resources, Utica, LLC
WEQ	t	Associated Electric Cooperative, Inc.
WGQ	pl	Atmos Energy
WEQ	t	AVANGRID
WGQ	l	Avangrid Networks (Gas)
WEQ	g	Avangrid Renewables, LLC
WEQ	t	Avista Corporation
WEQ	g	Basin Electric Power Cooperative
WEQ	m	Basin Electric Power Cooperative
WEQ	t	Basin Electric Power Cooperative
WEQ	t	BC Hydro
RMQ	s	Big Data Energy Services
WEQ	g	Black Hills Corporation (<i>Black Hills Power, Inc.</i>)
WGQ	s	Blackstone Technology Group, Inc.
WGQ	pl	Boardwalk Pipelines
WGQ	s	Bolsa Mercantil de Colombia
WEQ	d	Bonneville Power Administration
WEQ	g	Bonneville Power Administration
WEQ	m	Bonneville Power Administration
WEQ	t	Bonneville Power Administration
WGQ	pr	BP Energy
RMQ	e	California Energy Commission

Appendix H: Entities with Access to NAESB Standards

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 Corporation
WGQ	l	Cascade Natural Gas Corporation
WGQ	s	Castleton Commodities Merchant Trading L.P.
RMQ	u	CenterPoint Energy Houston Electric, LLC
WEQ	d	Central Electric Power Cooperative
WGQ	s	Centro Nacional de Control del Gas Natural (CENAGAS)
WGQ	pl	Cheniere Creole Trail Pipeline, LP
WGQ	pr	Chevron Natural Gas
WEQ	g	Chugach Electric Association, Inc.
WGQ	s	Citigroup Energy, Inc.
WGQ	l	Citizens Energy Group
WGQ	s	Coalition for Renewable Natural Gas
RMQ	e	Connectivity Standards Alliance
WGQ	pr	ConocoPhillips Company
WGQ	l	Consolidated Edison Company of NY
WEQ	m	Constellation Energy Generation, LLC
WGQ	s	Constellation Energy Generation, LLC
WEQ	e	Corpus Christi Liquefaction, LLC
WGQ	pl	Crestwood Equity Partners LP
WGQ	s	Concord Energy LLC
WGQ	pl	Dauphin Island Gathering Partners
WGQ	e	Department of Energy
WEQ	g	Deseret Generation & Transmission Co-operative
WGQ	pr	Devon Energy Corporation
RMQ	u	Dominion Energy
WGQ	l	Dominion Energy Inc.
WEQ	t	Dominion Energy South Carolina, Inc.
WEQ	g	Dominion Energy Services Inc.
WGQ	pl	Double E Pipeline, LLC
WGQ	s	DTE Energy Trading, Inc.

Appendix H: Entities with Access to NAESB Standards

WGQ	l	DTE Gas Company
RMQ	u	Duke Energy Corporation
WEQ	d	Duke Energy Corporation
WEQ	t	Duke Energy Corporation
WGQ	pl	Eastern Gas Transmission & Storage, Inc.
WGQ	pl	Eastern Shore Natural Gas Company
WEQ	m	Edison Electric Institute
RMQ	e	Electric Reliability Council of Texas, Inc. (ERCOT)
WGQ	s	Element Markets Renewable Energy, LLC
WEQ	t	El Paso Electric
WGQ	s	Emera Energy Services, Inc.
WGQ	s	Emerson Automation Solutions
RMQ	s	Emil Pena Interests, Inc. (EPII)
WGQ	pl	Enable Mississippi River Transmission, LLC
WGQ	pl	Enbridge (U.S.) Inc.
WGQ	pl	Energy Transfer Equity, L.P.
WEQ	t	Entergy Services, Inc.
WGQ	e	Entergy Services, Inc.
WGQ	pr	EQT Energy LLC
WGQ	pl	Equitrans, LP
WGQ	l	Eversource Energy
WGQ	pr	Exxon Mobil Corporation
WEQ	ts	FIS
WGQ	s	FIS
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	pl	Florida Southeast Connection LLC
WGQ	pl	Freeport LNG Development L.P.
WEQ	t	Georgia Transmission Corporation
WEQ	e	GMO GlobalSign, Inc.
WGQ	pl	Golden Pass Pipeline, LLC
WGQ	pl	Great Basin Gas Transmission Company

Appendix H: Entities with Access to NAESB Standards

RMQ	s	Green Button Alliance
WEQ	ts	Group 8760 LLC
WGQ	s	Group 8760 LLC
WEQ	t	GS Transmission, LLC
WGQ	s	Gunvor USA LLC
WEQ	m	Guzman Energy LLC
WGQ	s	Hartree Partners, LP
WEQ	ts	Hartigen Solutions LLC
WEQ	g	Hoosier Energy REC
WEQ	t	Hydro - Quebec Transenergie
WGQ	s	IBM
WEQ	t	Idaho Power Company
WEQ	e	Idaho Public Utilities Commission
WGQ	e	Idaho Public Utilities Commission
RMQ	e	Illinois Commerce Commission
WEQ	e	Illinois Commerce Commission
WGQ	e	Imperial Irrigation District
WEQ	g	Indiana Municipal Power Agency
RMQ	e	Indiana Utility Regulatory Commission
WEQ	e	Indiana Utility Regulatory Commission
WGQ	pl	Iroquois Gas Transmission System
WEQ	i	ISO New England, Inc.
WEQ	t	JEA
WGQ	s	JP Morgan Chase Bank, NA
RMQ	e	Kansas Corporation Commission
WEQ	g	KCP&L and Westar, Evergy Companies
WEQ	t	KCP&L and Westar, Evergy Companies
WGQ	pl	Kern River Gas Transmission Company
WGQ	pl	Kinder Morgan Inc
WGQ	pl	Kinetica Partners, LLC
RMQ	g	Latitude Technologies, an ESG Company
WGQ	s	Latitude Technologies, an ESG Company
WEQ	t	LG&E and KU Services Company
WEQ	m	Los Angeles Department of Water and Power
WEQ	t	Los Angeles Department of Water and Power

Appendix H: Entities with Access to NAESB Standards

WGQ	s	Macquarie Energy LLC
WEQ	e	Maine Public Utilities Commission
WEQ	t	Manitoba Hydro
RMQ	e	Maryland Public Service Commission
WEQ	t	MATL LLP
WGQ	s	Mercuria Energy America, Inc.
WEQ	m	MidAmerican Energy Company
WGQ	e	Midcontinent Independent System Operator, Inc.
RMQ	e	Minnesota Public Utilities Commission
WEQ	e	Minnesota Public Utilities Commission
WEQ	i	MISO
WEQ	d	Missouri River Energy Services
WEQ	ts	Monitoring Analytics, LLC
WEQ	t	Morgan, Lewis & Bockius LLP
WGQ	pl	MountainWest Pipeline, LLC
WEQ	m	Nalcor Energy Marketing Corporation
WGQ	s	Energex, LLC (formerly NatGasHub.com)
RMQ	e	National Association of Regulatory Utility Commissioners
WEQ	e	National Association of Regulatory Utility Commissioners
WGQ	l	National Fuel Gas Distribution Corporation
WGQ	pl	National Fuel Gas Supply Corp.
WGQ	l	National Grid
WEQ	ts	National Institute of Standards and Technology
WEQ	d	National Rural Electric Cooperative Association
RMQ	g	Naturgy Servicios S.A. de C.V.
WEQ	t	Nebraska Public Power District
RMQ	e	Nebraska Public Service Commission
RMQ	e	New Jersey Board of Public Utilities
WEQ	g	New Jersey Board of Public Utilities
WGQ	l	New Jersey Natural Gas
WEQ	i	New York Independent System Operator, Inc.
WEQ	d	New York State Reliability Council
WGQ	s	nGenu Software LLC
WGQ	l	NiSource Inc.
WEQ	d	North American Electric Reliability Corporation (NERC)

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WEQ	e	North American Electric Reliability Corporation (NERC)
WGQ	pl	Northern Natural Gas
WGQ	l	Northwest Natural Gas Company
WEQ	t	NorthWestern Corporation
WEQ	g	NRG Energy, Inc.
WEQ	m	NV Energy
WEQ	t	NV Energy, Inc.
WGQ	pr	Occidental Energy Marketing, Inc.
WGQ	e	Omaha Public Power
RMQ	u	Oncor Electric Delivery Company LLC
WGQ	l	ONE Gas, Inc.
WGQ	pl	ONEOK, Inc.
RMQ	e	Ontario Ministry of Energy
WEQ	e	Open Access Technology International, Inc.
WEQ	t	Open Access Technology International, Inc.
WGQ	s	Ovintiv Marketing Inc.
WGQ	l	Pacific Gas and Electric Company
WEQ	m	PacifiCorp
WEQ	t	PacifiCorp
RMQ	e	Pennsylvania Public Utility Commission
WGQ	l	Peoples Gas Systems
RMQ	g	Philadelphia Gas Works
WGQ	l	Piedmont Natural Gas
WEQ	i	PJM Interconnection, LLC
WEQ	t	Platte River Power Authority
WEQ	t	Portland General Electric
WGQ	e	Power Authority of the State of New York (dba NYPA)
WEQ	ts	PCI Energy Solutions
WEQ	m	Powerex Corp.
WGQ	s	Project Canary
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.

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WGQ	s	Quorum Software
RMQ	e	Regulatory Commission of Alaska, Dept of Commerce, Community & Economic Development
WEQ	ts	Reliable Energy Analytics
WGQ	e	Sabine Pass Liquefaction, LLC
WEQ	d	Sacramento Municipal Utility District
WGQ	e	Salt River Project Agricultural Improvement & Power District
WEQ	t	San Diego Gas & Electric Company
WEQ	t	Santee Cooper
WEQ	t	SaskPower Corporation
WEQ	e	Seattle City Light
WEQ	m	Seattle City Light
WEQ	m	Seminole Electric Cooperative, Inc.
WEQ	t	Seminole Electric Cooperative, Inc.
WGQ	pl	Sempra Infrastructure
WGQ	s	Sequent Energy Management, L.L.C
WGQ	s	Shell Energy North American (US), L.P.
WGQ	s	Skipping Stone, LLC
WEQ	d	Snohomish County PUD No. 1
WEQ	ts	SoftSmiths, Inc.
WEQ	g	Southern California Edison
WGQ	l	Southern California Gas Company
WGQ	l	Southern Company Gas
RMQ	u	Southern Company Services, Inc.
WEQ	g	Southern Company Services, Inc.
WEQ	t	Southern Company Services, Inc.
WGQ	e	Southern Company Services, Inc.
WGQ	pl	Southern Star Central Gas Pipeline
WGQ	l	Southwest Gas Corporation
WGQ	e	Southwest Power Pool
WEQ	i	Southwest Power Pool
WGQ	l	Spire Inc.
RMQ	g	Sprague Operating Resources LLC
WEQ	e	SSL.com
WGQ	pr	SWN Energy Services Company, LLC

Appendix H: Entities with Access to NAESB Standards

RMQ	g	Systrends USA
WEQ	d	Tacoma Power
WGQ	pl	Tallgrass Operations, LLC
WEQ	d	Tampa Electric Company
WGQ	pl	TC Energy Corporation
WEQ	g	Tenaska, Inc.
WEQ	g	Tennessee Valley Authority
WEQ	m	Tennessee Valley Authority
WEQ	t	Tennessee Valley Authority
WGQ	e	Tennessee Valley Authority
WEQ	t	The Connecticut Light and Power Company
WGQ	s	The Energy Authority, Inc.
WGQ	s	Third Coast Midstream, LLC
WGQ	s	Tiger Natural Gas
WGQ	s	Trading Counsel Solutions
WEQ	t	Tri-State Generation and Transmission Association, Inc.
WEQ	t	Tucson Electric Power Company
WGQ	pl	UGI Central Gas Control, LLC
WGQ	s	United Energy Trading, LLC
WGQ	l	Unitil Service Corporation
WGQ	pl	Vector Pipeline L.P.
WGQ	pl	Venture Global LNG, Inc.
WEQ	g	Vermont Public Power Supply Authority
RMQ	e	Vermont Public Service Board
WEQ	e	Vermont Public Service Board
WEQ	t	Versant Power
WEQ	g	Wabash Valley Power Association
WGQ	pl	WBI Energy Transmission, Inc.
RMQ	g	WEC Energy Group
RMQ	u	WEC Energy Group
WEQ	g	WEC Energy Group
WGQ	l	WEC Energy Group
WEQ	m	Western Area Power Administration
WEQ	t	Western Area Power Administration
WEQ	t	Western Electricity Coordinating Council

Appendix H: Entities with Access to NAESB Standards

WGQ	pl	Williams
WGQ	s	World Fuel Services, Inc.
WEQ	d	WPPI Energy
WEQ	m	Xcel Energy, Inc

Appendix I: Entities without Recorded Access to the most Recently Mandated NAESB WEQ Standards,
 Version 003.3

Appendix I - Entities without Recorded Access to the Most Recently Mandated NAESB WEQ Standards, Version 003.3¹
Organization
AEP Texas Inc.
Alabama Power Company
Alcoa Power Generating Inc.
Allegheny Energy Supply Company, LLC
Alliant Energy Corporate Services, Inc.
Ameren Illinois Company
Ameren Missouri Company
Appalachian Power Company
Arkansas Electric Cooperative
Atlantic City Electric Company
Central Hudson Gas & Electric Corporation
City of Anaheim, California
City of Azusa, California
City of Banning, California
City of Colton, California
City of Pasadena, California
City of Riverside, California
City of Vernon, California
City Water, Light and Power
Cleco Power LLC
Cube Yadkin Transmission LLC
Dairyland Power Cooperative
Delmarva Power & Light Company
Dogwood Energy LLC

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

Appendix I: Entities without Recorded Access to the most Recently Mandated NAESB WEQ Standards,
 Version 003.3

Appendix I - Entities without Recorded Access to the Most Recently Mandated NAESB WEQ Standards, Version 003.3¹
Organization
Duke Energy Carolinas, LLC
Duke Energy Florida, LLC
Duke Energy Indiana, LLC
Duke Energy Progress, LLC
Entergy Arkansas, Inc.
Entergy Gulf States Louisiana, L.L.C.
Entergy Louisiana LLC
Entergy Mississippi, Inc.
Entergy New Orleans, Inc.
Entergy Texas, Inc.
Fitchburg Gas and Electric Light Company
Georgia Power Company
Great River Energy
Green Mountain Power Corporation
GridLiance Heartland LLC
Gulf Power Company
Indiana Michigan Power Company
International Transmission Company
Interstate Power and Light Company
ITC Great Plains, LLC
ITC Midwest LLC
Jersey Central Power & Light Company
Kentucky Power Company
Kentucky Utilities Company
Kingsport Power Company
Louisville Gas and Electric Company

Appendix I: Entities without Recorded Access to the most Recently Mandated NAESB WEQ Standards,
Version 003.3

Appendix I - Entities without Recorded Access to the Most Recently Mandated NAESB WEQ Standards, Version 003.3¹
Organization
Michigan Electric Transmission Company
Mississippi Power Company
Monongahela Power Company
Montana-Dakota Utilities
Muscatine Power and Water
New England Power Company
Northern Indiana Public Service Company LLC
Northern States Power Company, a Minnesota corporation
Northern States Power Company, a Wisconsin corporation
Ohio Power Company
Ohio Valley Electric Corporation
Oklahoma Gas and Electric Company
Orange and Rockland Utilities, Inc.
Otter Tail Power Company
PECO Energy Company
Potomac Electric Power Company
Powder River Energy Corporation
Public Service Company of Colorado
Public Service Company of Oklahoma
Public Service Electric and Gas Company
Sierra Pacific Power Company
Southern Minnesota Municipal Power Agency
Southwestern Electric Power Company
Southwestern Public Service Company
The Dayton Power and Light Company
The Potomac Edison Company

Appendix I: Entities without Recorded Access to the most Recently Mandated NAESB WEQ Standards,
Version 003.3

Appendix I - Entities without Recorded Access to the Most Recently Mandated NAESB WEQ Standards, Version 003.3¹
Organization
The United Illuminating Company
UGI Utilities Inc.
Union Electric Company
Unitil Energy Systems
UNS Electric, Inc.
Vermont Electric Cooperative
West Penn Power Company
Wheeling Power Company
Wilderness Line Holdings, LLC
Wisconsin Power and Light Company
Wolverine Power Supply Cooperative, Inc.