| **NORTH AMERICAN ENERGY STANDARDS BOARD****2021 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT Adopted by the Board of Directors on September 2, 2021** |
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|  | **Item Description** | **Completion[[1]](#endnote-1)** | **Assignment[[2]](#endnote-2)** |
| **1.** | **Develop business practices standards as needed to complement reliability standards** |
|  | Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:  |
|  | a) | Update WEQ-005 Area Control Error (ACE) Equation Special Cases to account for modifications to NERC Dynamic Transfer Reference Document V4 ([Standards Request R20008](https://naesb.org/pdf4/r20008.doc))Status: Started | 3rd Q, 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[[3]](#footnote-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: Completed | 1st Q, 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](https://naesb.org/member_login_check.asp?doc=r20013.doc))Status: Completed | 1st Q, 2021 | SRS |
|  |  | 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 abbreviationsStatus: Completed | 2nd Q, 2021 | OASIS |
|  |  | ii. | Review WEQ-004 and WEQ-022 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviationsStatus: Completed | 2nd Q, 2021 | CISS |
|  |  | 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 abbreviationsStatus: Started | 3rd Q, 2021  | BPS |
|  |  | iv. | Review WEQ-012 and make modifications as needed for consistency in the use of defined terms, acronyms, and abbreviationsStatus: Completed | 3rd Q, 2021 | Cybersecurity Subcommittee |
|  | 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 togetherStatus: 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 OASISStatus: Completed | 2nd Q, 2021 | OASIS |
|  | 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](https://naesb.org/pdf4/ferc112520_order_on_clarification_rm05-5-028.pdf) re: Standards for Business Practices and Communication Protocols for Public Utilities in Docket No. RM05-5-028Status: Completed | 1st Q, 2021 | 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.[[4]](#footnote-2)Status: Completed | 3rd Q, 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[[5]](#footnote-3) and any other activities of NERC and the FERC[[6]](#footnote-4) related to cybersecurity.Status: Completed | 3rd Q, 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)[[7]](#footnote-5)** |
|  | a) | Develop business practices as needed to support electronic filing protocols for submittal of FERC FormsStatus: 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 Base Contract for Sale and Purchase of Renewable Energy Certificates (RECs) to support the voluntary markets Status: Completed | 3rd Q, 2021 | Joint RMQ/WEQ BPS |
|  |  | ii. | 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 RECsStatus: 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.** |
|  | a) | Develop business practices that define an index/registry for qualified energy storage resources and distributed energy resources participating in the wholesale marketsStatus: 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 marketsStatus: 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 marketsStatus: 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.[[8]](#footnote-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 |

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

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

Wholesale Electric Quadrant

Executive Committee (WEQ EC)

Standards Review Subcommittee (SRS)

Interpretations Subcommittee

OASIS Subcommittee

Coordinate Interchange Scheduling Subcommittee (CISS)

Scoping

Development

Cybersecurity Subcommittee

RMQ/WEQ DSM-EE Subcommittee

Business Practices Subcommittee (BPS)

FERC Forms Subcommittee

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): 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)

1. **End Notes WEQ 2021 Annual Plan:**

 Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan. [↑](#endnote-ref-1)
2. The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document. [↑](#endnote-ref-2)
3. 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. [↑](#footnote-ref-1)
4. The “NAESB Accreditation Requirements for Authorized Certification Authorities” can be found at: <http://www.naesb.org/member_login_check.asp?doc=certification_specifications.docx>. [↑](#footnote-ref-2)
5. <http://www.nerc.com/pa/Stand/Pages/CIPStandards.aspx> [↑](#footnote-ref-3)
6. 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) [↑](#footnote-ref-4)
7. The FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms, issued on April 16, 2015, can be found through the following hyperlink: <https://www.naesb.org/pdf4/ferc041615_electronic_filing_protocols_forms.pdf> [↑](#footnote-ref-5)
8. For additional information, please see comments submitted by PJM and Midwest ISO for this Annual Plan Item: <http://www.naesb.org/pdf3/weq_aplan102907w1.pdf>. [↑](#footnote-ref-6)