| **NORTH AMERICAN ENERGY STANDARDS BOARD****2022 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT Adopted by the Board of Directors on September 1, 2022** |
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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) | 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 | 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: Completed | 3rd Q, 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: Completed | 3rd Q, 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 togetherStatus: Completed | 2nd 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 neededStatus: Completed | 1st Q, 2022 | OASIS |
|  |  | ii. | Review the need to easily assess profile changes that occurred as a result of Preemption-ROFR process and revise the standards as neededStatus: Completed | 3rd Q, 2022 | OASIS |
|  |  | 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 neededStatus: Completed | 2nd 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: Completed | 2nd 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.[[4]](#footnote-2)Status: Completed | 3rd 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[[5]](#footnote-3) and any other activities of NERC and the FERC[[6]](#footnote-4) related to cybersecurity.Status: Completed | 3rd 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 RECsStatus: Completed | 3rd Q, 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 marketsStatus: Started | 2022 | 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 | 2022 | 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 | 2022 | BPS |
| **7.** | **Gas-Electric Coordination** |
|  | a. | Develop standards to support enhanced commercial communications between the natural gas and electric markets during impending extreme weather-related emergency operating conditions ([R21006](https://www.naesb.org/pdf4/r21006.docx)) |
|  |  | i.  | 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 conditionStatus: Completed | 2nd Q, 2022 | Joint RMQ/WEQ/WGQ BPS |
|  |  | ii. | Create standard designations of critical electric infrastructure facilities during impending extreme weather-related emergency operating conditions consistent with other industry designationsStatus: Completed | 2nd Q, 2022 | WEQ BPS |
|  |  | iii. | Define standards and communication protocols that support information sharing between critical parties during impending extreme weather-related emergency operating conditionsStatus: Completed | 2nd Q, 2022 | Joint RMQ/WEQ/WGQ 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.[[7]](#footnote-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 |

**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 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)

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 2022 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. 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-5)