| **NORTH AMERICAN ENERGY STANDARDS BOARD** **2023 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT   Adopted by the Board of Directors on September 7, 2023** | | | | | | |
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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). 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 | | | 2023 | BPS |
|  | b) | Review annually, at a minimum, the current version of the NAESB Electronic Tagging Functional Specification and make revisions as necessary to ensure the specification continues to be supportive of applicable NERC Reliability Standards and NAESB WEQ Business Practice Standards and is reflective of current cybersecurity best practices  Status: Completed | | | 3rd Q, 2023 | CISS |
| **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: 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.[[4]](#footnote-2)  Status: Completed | | | 1st 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[[5]](#footnote-3) and any other activities of NERC and the FERC[[6]](#footnote-4) related to cybersecurity.  Status: Completed | | | 1st 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: Completed | | | 1st Q, 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: Started | | | 2023 | BPS/Cybersecurity Subcommittee |
| **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: Completed | | | 3rd Q, 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: Completed | | | 3rd Q, 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: Completed | | | 3rd, Q2023 | 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](https://naesb.org/pdf4/r22001.doc))  Status: Completed | | | 1st Q, 2023 | BPS |
| **6.** | **Develop and/or modify standards to support FERC Order No. 881 in Docket No. RM20-16-000 (**[**Standards Request R22002**](https://naesb.org/pdf4/r22002.doc)**)** | | | | | |
|  | 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: Completed | 2nd Q, 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: Completed | 1st Q, 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 | | | | |
| **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 | | | | |
| **3.** |  | **Gas-Electric Market Coordination** | | | | |
|  | a) | Develop and/or modify business practice standards, as needed, to support the NERC effort to develop reliability standards in response to the FERC-NERC-Regional Entity Staff Report: February 2021 Cold Weather Outages in Texas and the South Central United States (NERC Project 2021-07 Extreme Cold Weather Grid Operations, Preparedness, and Coordination) | | | | |
|  | b) | Develop and/or modify business practice standards, as needed, to address any proposed recommendations for standards development resulting from the NAESB Gas-Electric Harmonization Forum | | | | |

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

**NAESB 2023 WEQ EC and 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 2023 Annual Plan:**

   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. [↑](#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. 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. [↑](#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)