| **NORTH AMERICAN ENERGY STANDARDS BOARD****2019 ANNUAL PLAN for the RETAIL MARKETS QUADRANT****Adopted by the Board of Directors on September 5, 2019** |
| --- |
|  | **Item Number & Description[[1]](#endnote-1)** | **Completion[[2]](#endnote-2)** | **Assignment[[3]](#endnote-3)** |
| **1.**  | **Update Existing Model Business Practices – Review and update all existing Model Business Practices, filling in any gaps that may exist and making the language consistent throughout all Books.**[[4]](#endnote-4)  |
|  | a. | Book 15 – Specifications for Common Electricity Product and Pricing DefinitionStatus: Not Started | 2019 | BPS/ESPI |
|  | b. | Book 16 – Specifications for Common Schedule Communication Mechanism for Energy TransactionsStatus: Not Started | 2019 | BPS/ESPI |
|  | c. | Book 17 – Specifications for Retail Standard Demand Response SignalsStatus: Not Started | 2019 | BPS/ESPI |
|  | d. | Book 18 – Retail Customer Energy Usage Information CommunicationStatus: Not Started | 2019 | BPS/ESPI |
|  | e. | Book 21 – Energy Services Provider Interface Status: Not Started | 2019 | BPS/ESPI |
|  | f. | Book 22 – Third Party Access to Retail Customer Information Status: Not Started | 2019 | BPS/Data Privacy Task Force |
| **2.** | **Update Existing Data Dictionaries and Technical Implementation – Review and update all existing Data Dictionaries and technical implementation, filling in any gaps that may exist as a result of the updates developed to support annual plan item.**  |
|  | a. | Book 9 – Customer Billing and Payment Notification via Uniform Electronic TransactionsStatus: Not Started | 2019 | IR/TEIS |
|  | b. | Book 12 – InquiriesStatus: Not Started | 2019 | IR/TEIS |
|  | c. | Book 13 – Measurement and Verification (M&V) of Demand Response Programs Status: Not Started | 2019 | IR/TEIS |
|  | d. | Book 14 – Service Request, Disconnection and Reconnection in the Registration Agent ModelStatus: Underway | 2019 | IR/TEIS |
|  | e. | Book 15 – Specifications for Common Electricity Product and Pricing DefinitionStatus: Not Started | 2019 | IR/TEIS/ESPI |
|  | f. | Book 16 – Specifications for Common Schedule Communication Mechanism for Energy TransactionsStatus: Not Started | 2019 | IR/TEIS/ESPI |
|  | g. | Book 17 – Specifications for Retail Standard Demand Response SignalsStatus: Not Started | 2019 | IR/TEIS/ESPI |
|  | h. | Book 18 – Retail Customer Energy Usage Information CommunicationStatus: Not Started | 2019 | IR/TEIS/ESPI |
|  | i. | Book 21 – Energy Services Provider Interface Status: Not Started | 2019 | IR/TEIS/ESPI |
|  | j. | Book 22 – Third Party Access to Retail Customer Information Status: Not Started | 2019 | IR/TEIS/Data Privacy Task Force |
|  | k. | Book 23 – Supplier Marketing Practices Status: Not Started | 2019 | IR/TEIS |
|  | l. | Book 24 – Enrollment, Drop, Account Information Change in Demand Response Programs Status: Not Started | 2019 | IR/TEIS |
|  | m. | Book 27 - Enrollment, Drop, Account Information Change for Demand Response Programs in a Registration Agent ModelStatus: Not Started | 2019 | IR/TEIS |
| **3.** | **Example X12 Uniform Electronic Transactions – Add a section to Part 6 (Technical Implementation) of each of the following books, showing examples of the X12 Uniform Electronic Transactions covered in the book along with an explanation and/or description of each technical segment in the Uniform Electronic Transaction.** |
|  | a. | Book 14 – Service Request, Disconnection and Reconnection in the Registration Agent ModelStatus: Underway | 2019 | IR/TEIS |
|  | b. | Book 24 – Enrollment, Drop and Account Information Change in Demand Response ProgramsStatus: Underway | 2019 | IR/TEIS |
|  | c. | Book 27 – Enrollment, Drop, and Account Information Change for Demand Response Programs in a Registration Agent ModelStatus: Underway | 2019 | IR/TEIS |
| **4.** | **Request R14008 – Open Field Message Bus (OpenFMB)** |
|  | a. | Cybersecurity for the RMQ.26 – OpenFMB – develop security model business practices as necessary for the OpenFMB architectureStatus: Started | 3rd Q 2019 | Open FMB Task Force |
| **5.** | **Self-Deployment of a Demand Response program by a Demand Response Service Provider in the Registration Agent Marketplace** |
|  | a. | If feasible and necessary, add a technical section to the new book containing the applicable technical implementation guidelinesStatus: Not Started | 2019 | IR/TEIS |
| **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. | Review the surety assessment performed by Sandia National Laboratories and determine if standard changes are necessary.Status: Started | 4th Q, 2019 | Joint RMQ IR/TEIS and WGQ EDM Subcommittee |
|  | b. | Develop and/or modify the NAESB Model Business Practices as needed to address Security Issues identified by Sandia National LaboratoriesStatus: Started | 4th Q, 2019 | Joint RMQ IR/TEIS and WGQ EDM Subcommittee |
|  | c. | Develop and/or modify the applicable NAESB Model Business Practices as needed to address Additional Findings and Considerations identified by Sandia National LaboratoriesStatus: Not Started | 4th Q, 2019 | Joint RMQ IR/TEIS and WGQ EDM Subcommittee |
| **7.** | **Accounting and Reporting to Support Renewable Energy Certificate (REC) Processes** |
|  | a. | 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: Started | 2019 | Joint RMQ/WEQ Executive Committees |
|  | b. | Develop Distributed Ledger Technology (DLT) Business Practice Standards and/or protocols to improve/replace the current Renewable Energy Certificate (REC) processes for utility financial and/or sustainability accounting/reporting, if needed based upon review.Status: Not Started | 2019 | Joint RMQ/WEQ Executive Committees |
| **8.** | **Program of Standards Maintenance & Fully Staffed Standards Work**[[5]](#endnote-5) |
|  | a. | Business Practice Requests | Ongoing | Assigned by the EC |
|  | b. | Information Requirements and Technical Mapping of Business Practices | Ongoing | Assigned by the EC |
|  | c. | Interpretations for Clarifying Language Ambiguities  | Ongoing | Assigned by the EC |
|  | d. | Maintenance of Code Values and Other Technical Matters | Ongoing | Assigned by the EC |
|  | e. | Development and Maintenance of Definitions | Ongoing | Assigned by the EC |
|  | f. | Harmonization of Definitions with All Other Quadrants | Ongoing | Assigned by the EC |
|  | g. | Development and Maintenance of Model Business Practices | Ongoing | Assigned by the EC |
| **Provisional Activities** |
|  | 1. | Review security standards as may be deemed necessary, such as Public Key Infrastructure (PKI). |
|  | 2. | Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program. The certification checklist may address test scripts, a checklist of items to be tested, data connectivity for test scripts and EDM testing. |
|  | 3. | Consider development of business practices to support the use of software applications for customer authorizations, including mobile devices. |
|  | 4. | Consider the need for development of Model Business Practices to support the implementation of distributed generation. |
|  | 5. | Consider the need for development of Energy Efficiency Model Business Practices to support the request of the American National Standards Institute. |
|  | 6. | Support the activities of the Retail Structure Review Committee related to standards development. |
| **Retail Electric Model Business Practices Only:** |
|  | 1. | Settlement Process: Reconcile energy schedules and energy delivered by Suppliers within a given market. Note: will need to be coordinated with the WEQ for the RMQ. |
|  | 2. | Review and develop model business practices to support renewable portfolio programs. |
|  | 3. | Develop and/or modify the NAESB Model Business Practices to address any requests regarding community solar or aggregated net metering. |

**Retail Markets**

**Quadrant Executive Committee**

**(RMQ EC)**

**Business Practices Subcommittee (BPS)**

**Contracts Subcommittee (dormant)**

**Glossary Subcommittee**

**Retail Registration Agent Task Force (\*)**

**Technical Electronic**

**Implementation Subcommittee (TEIS)**

**Model Business**

**Practice**

**Development**

**Task Forces & Working Groups**

**Technical**

**Standards**

**Development**

**Joint RMQ/WEQ DSM-EE Subcommittee**

**Information Requirements Subcommittee (IR)**

**Open Field Message Bus (FMB) Task Force**

**Energy Services Provider Interface (ESPI) Task Force**

NAESB Retail Subcommittee Leadership:

Executive Committee: Mary Do, Chair

Business Practices Subcommittee: Mary Do

Information Requirements Subcommittee/Technical Electronic Implementation Subcommittee: Mary Do

Glossary Subcommittee: Patrick Eynon

DSM-EE Subcommittee: Roy True (WEQ) and Paul Wattles (WEQ)

Retail Registration Agent Task Force: Debbie McKeever

Open FMB Task Force: Stuart Laval, Larry Lackey

Energy Services Provider Interface (ESPI) Task Force: J. Cade Burks, Donald Coffin

(\*) The Retail Registration Agent Task Force may draft MBPs, process flows, implementation guides and technical standards supportive of the Registration Agent and submit them to the BPS. The group is chaired by Debbie McKeever.

1. **RMQ 2019 Annual Plan End Notes:**

As outlined in the NAESB Bylaws, the RMQ will also address requests submitted by members and assigned to the RMQ through the Triage Process. [↑](#endnote-ref-1)
2. Dates in the completion column are by end of the quarter for completion by the assigned committee and subcommittee. 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-2)
3. The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the Annual Plan document. [↑](#endnote-ref-3)
4. BPS and IR/TEIS will not review the following Books:

Book 5 – Quadrant Specific Electronic Delivery Mechanisms

Book 7 – Internet Electronic Transport, or

Book 20 – Smart Grid Standards Data Element Table [↑](#endnote-ref-4)
5. This work is considered routine maintenance and thus the items are not separately numbered. The RMQ EC will assign maintenance efforts on a request-by-request basis. [↑](#endnote-ref-5)