### actions to be applied to Retail Version 3.3 to create Retail Version 4.0:

Version 3.3 was published on January 30, 2020.

**2020-2023:**

Final Actions:

2020 RMQ Annual Plan Item 5.c – Develop and/or modify the applicable NAESB Model Business Practices as needed to address Additional Findings and Considerations identified by Sandia National Laboratories as approved by the RMQ Executive Committee by notational ballot on March 19, 2021.

Final Action - <https://www.naesb.org/member_login_check.asp?doc=fa_rmq_2020_api_5c.docx>

Ratified April 19, 2021

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 RMQ Executive Committee on October 6, 2021.

Final Action - <https://www.naesb.org/member_login_check.asp?doc=fa_rmq_2021_api_2a_weq_2021_api_6bi.docx>

Final Action Attachment 1 – NAESB Base Contract for Sale and Purchase of Voluntary Renewable Energy Certificates

<https://www.naesb.org/member_login_check.asp?doc=fa_rmq_2021_api_2a_weq_2021_api_6bi_attach1.doc>

Final Action Attachment 2 - NAESB REC Base Contract FAQ Document

<https://www.naesb.org/member_login_check.asp?doc=fa_rmq_2021_api_2a_weq_2021_api_6bi_attach2.doc>

Ratified November 4, 2021

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 as approved by the RMQ Executive Committee on October 19, 2022.

NO ACTION Recommendation - <https://www.naesb.org/pdf4/weq_2022_api_7ai_7aiii_wgq_2022_api_5ai_5aiii_rmq_2022_api_3ai_3aii_r21006_rec_042622.docx>

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 approved by the RMQ Executive Committee on October 19, 2022.

Final Action - [https://naesb.org//member\_login\_check.asp?doc=RMQ\_fa\_rmq\_2022\_api\_2a\_weq\_2022\_api\_5bi.docx](https://naesb.org/member_login_check.asp?doc=RMQ_fa_rmq_2022_api_2a_weq_2022_api_5bi.docx)

Final Action Attachment A - [https://naesb.org//member\_login\_check.asp?doc=fa\_rmq\_2022\_api\_2a\_weq\_2022\_api\_5bi\_attachA.doc](https://naesb.org/member_login_check.asp?doc=fa_rmq_2022_api_2a_weq_2022_api_5bi_attachA.doc)

Final Action Attachment B - [https://naesb.org//member\_login\_check.asp?doc=fa\_rmq\_2022\_api\_2a\_attachB.docx](https://naesb.org/member_login_check.asp?doc=fa_rmq_2022_api_2a_attachB.docx)

Final Action Attachment C - <https://naesb.org//member_login_check.asp?doc=fa_rmq_2022_api_2a_weq_2022_api_5bi_attachC.docx>

Final Action Attachment D - <https://naesb.org//member_login_check.asp?doc=fa_rmq_2022_api_2a_weq_2022_api_5bi_attachD.docx>

Final Action Attachment E - <https://naesb.org//member_login_check.asp?doc=fa_rmq_2022_api_2a_weq_2022_api_5bi_attachE.docx>

Final Action Attachment F - <https://naesb.org//member_login_check.asp?doc=fa_rmq_2022_api_2a_weq_2022_api_5bi_attachF.docx>

Ratified November 18, 2022

2023 RMQ Annual Plan Item 3 - Review cybersecurity standards to determine if baseline Multi-Factor Authentication (MFA) should be integrated into standard requirements and develop supportive standards as needed as approved by the RMQ Executive Committee on March 29, 2023.

NO ACTION Recommendation - <https://www.naesb.org/pdf4/rmq_2023_api_3_rec_020923.docx>

2023 RMQ Annual Plan Item 1 - Review the data used in the NAESB RMQ Internet Electronic Transport specification for data fields that may no longer be utilized and determine if these data fields can be removed as approved by the RMQ Executive Committee on March 29, 2023.

NO ACTION Recommendation - <https://www.naesb.org/pdf4/rmq_2023_api_1_rec_022223.docx>

Recommendations:

2023 RMQ Annual Plan Item 2 - Review the cybersecurity aspects of the REQ.21 ESPI Model Business Practices and make any necessary changes, as required.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=rmq_2023_api_2_rec_080923.docx>

Request for Formal Comments: <https://www.naesb.org/pdf4/rmq_080923reqcom.doc> - Comment period ended September 8, 2023

R23006 - Request to modify the REQ. 21 ESPI Model Business Practices to provide a Third Party application the ability to retrieve a PDF or other digital representation of a customer's utility billing statements.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=R23006_rec_100623.docx>

Request for Formal Comments - <https://www.naesb.org/pdf4/rmq_100623reqcom.doc> - Comment period ends October 20, 2023

2023 RMQ Annual Plan Item 4.b/R22001 - Develop model 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)

Recommendation - <https://www.naesb.org/pdf4/rmq_2023_api_4b_R22001_rec_090823.docx>

Attachment - <https://www.naesb.org/member_login_check.asp?doc=rmq_2023_api_4b_R22001_rec_090823_attachment.docx>

Request for Formal Comments - <https://www.naesb.org/pdf4/rmq_090823reqcom.doc> - Comment period ended October 10, 2023

Minor Corrections:

MC21007 - Proposed minor correction to NAESB REQ.21 ESPI version 3.3. The minor correction is submitted to revise Figure 41: Retail Customer Authorizes Authorized Third-Party Resource Access and Creates a Subscription as approved by the RMQ Executive Committee on March 30, 2022.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=retail_mc21007_rec_033022.doc>

Attachment - <https://www.naesb.org/member_login_check.asp?doc=retail_mc21007_rec_attachment_033022.pdf>

*(Effective April 29, 2022)*

MC21009 - Proposed minor correction to NAESB REQ.21 ESPI version 3.3 to revise section REQ.21.4.2.1.3.1 ScopeFBTerms as approved by the RMQ Executive Committee on March 30, 2022.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=retail_mc21009_rec_033022.doc>

Attachment - <https://www.naesb.org/member_login_check.asp?doc=retail_mc21009_rec_attachment_033022.docx>

*(Effective April 29, 2022)*

MC21011 - Proposed minor correction to NAESB REQ\_21 ESPI version 3.3 to revise Section REQ.21.6.1.2 User Authorization as approved by the RMQ Executive Committee on March 30, 2022.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=retail_mc21011_rec_033022.doc>

Attachment - <https://www.naesb.org/member_login_check.asp?doc=retail_mc21011_rec_attachment_033022.docx>

*(Effective April 29, 2022)*

MC22006 – Proposed minor correction to RMQ Version 3.4 to move all RMQ cybersecurity-related business practices into a new suite of RMQ Business Practice Standards as approved by the RMQ Executive Committee on March 29, 2023.

Recommendation: <https://www.naesb.org/pdf4/rmq_mc22006_rec_032923.doc>

Attachment 1 - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc22006_rec_attach1_032923.docx>

Attachment 2 - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc22006_rec_attach2_032923.docx>

*(Effective May 1, 2023)*

MC23003 - Proposed minor corrections to NAESB RMQ Energy Services Provider Interface (ESPI) Model Business Practices Version 3.3, to clarify data elements and data flows, clearly indicate the use of attributes, delete outdated references, and correct typos as approved by the RMQ Executive Committee on March 29, 2023.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc23003_rec_032923.docx>

Attachment - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc23003_rec_attachment_032923.docx>

*(Effective May 1, 2023)*

MC23004 - Proposed minor corrections to NAESB RMQ Energy Services Provider Interface (ESPI) Model Business Practices Version 3.3, to indicate deprecated terms, update hyperlink, and add language to reflect availability of schema on the NAESB website as approved by the RMQ Executive Committee on March 29, 2023.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc23004_rec_032923.docx>

Attachment - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc23004_rec_attachment_032923.docx>

*(Effective May 1, 2023)*

MC23005 - Proposed minor correction to NAESB RMQ Energy Services Provider Interface (ESPI) Model Business Practices Version 3.3, to correct Figure 5 by removing the line that erroneously connects the ApplicationInformation and Authorization resources with the note 0..1 below the line as approved by the RMQ Executive Committee on March 29, 2023.

Recommendation - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc23005_rec_032923.doc>

*(Effective May 1, 2023)*

MC23006 – Proposed minor correction to NAESB REQ.21 ESPI Model Business Practices Version 3.3, to clarify whether certain stereotype representations are navigable.

Request - <https://www.naesb.org/member_login_check.asp?doc=rmq_mc23006.doc>

**Timeline:**

* Version 4.0 is scheduled for publication 4th Quarter 2023.
* To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken three months prior to publication.

Month - 4 Subcommittee Recommendations Completed and sent out for comment

Month - 3 EC Actions taken

Month - 2 Ratifications sent out and completes, minor corrections applied

Month - 1 Review of draft publication

Month - 0 Date of publication.