



NORTH AMERICAN ENERGY STANDARDS BOARD

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April 30, 2011

Filed Electronically

Ms. Kimberly Bose
Secretary
Federal Energy Regulatory Commission
888 First Street N.E., Room 1A
Washington, D.C. 20585

RE: Submittal for "Measurement and Verification of Demand Response Products" (Docket No. RM05-5-000)

Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding the second phase of measurement and verification of demand response products and services and the measurement and verification of energy efficiency products and services administered in wholesale electricity markets. This NAESB report is voluntarily submitted by NAESB in response to Docket No. RM05-5-000. The phase 2 NAESB standards related to the measurement and verification of demand response products and services were ratified by NAESB membership on March 21, 2011 and became available as final actions. The NAESB standards related to the measurement and verification of energy efficiency products and services are to complete the ratification process on May 13, 2011, after which we will provide a supplemental filing. We very much appreciate the time, knowledge and industry leadership provided by all participants, both members and non-members and look forward to the further development of demand side management and energy efficiency business practice standards, if directed to do so by the Commission.

The report is being filed electronically in Adobe Acrobat® Print Document Format (.pdf). All of the documents are also available on the NAESB web site (www.naesb.org). Please feel free to call me at (713) 356-0060 or refer to the NAESB website (www.naesb.org) should you have any questions or need additional information regarding the NAESB DSM-EE standards or any other NAESB work products.

Respectfully submitted,

Rae McQuade

Ms. Rae McQuade
President & COO, North American Energy Standards Board



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Enclosures (all documents noted in the appendices are available publicly on the NAESB web site – www.naesb.org):

Appendix A DSM-EE Distribution List

Appendix B WEQ/Retail DSM-EE Subcommittee Meeting Minutes Links

Appendix C Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts

Appendix D Ratification Ballots and Results Links

Appendix E 2009 Wholesale Electric Quadrant Annual Plan

Appendix F 2010 Wholesale Electric Quadrant Annual Plan

Appendix G NAESB Process for Standards Development



NORTH AMERICAN ENERGY STANDARDS BOARD

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**UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION**

**Standards for Business Practice and
Communication Protocols for Public Utilities**)
)
)

Docket No. RM05-5-000

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with the Commission's orders in the above referenced docket. This report is intended solely as a status report from NAESB regarding the Demand Side Management and Energy Efficiency ("DSM-EE") subcommittee process, issues and standards. NAESB does not advocate that the Commission take a particular position on any of the issues presented.

Phase 2 Wholesale Electric Demand Response

Following the adoption of the phase 1 Wholesale Electric Quadrant ("WEQ") Demand Response ("DR") standards by the WEQ Executive Committee ("EC") on February 10, 2009, the WEQ DR work group began meeting to develop more technical standards that would apply in the Independent System Operators and Regional Transmission Organizations ("ISO-RTO") regions. The work group met from April 16, 2009 to January 26, 2011 to draft the second phase of standards for the measurement and verification of demand response programs in the wholesale market. There were eight subcommittee meetings and various work group meetings focused solely on DSM-EE issues, including the second phase development effort. All meetings were publicly noticed and open to all interested parties, and were available by phone and web cast for those unable to travel. The meetings were held in various locations, diverse geographically. Any interested party was encouraged to submit comments if their schedules would not permit them to participate either in person or over the phone/web cast. Appendix A includes the DSM-EE distribution list sorted by organization and participant name. The minutes of these meetings are provided as links in Appendices B (for the wholesale and retail DSM-EE subcommittee) and C (for the WEQ EC), which include the voting record of the WEQ EC, and include all comments filed as part of the formal comment period for the proposed DSM standards. The ratification ballots and member ratification voting record results are also included as links in Appendix D. The 2009 and 2010 WEQ Annual Plans are contained in Appendices E and F, respectively. An abbreviated review of the NAESB process by which the standards were drafted, considered and adopted is provided in Appendix G. More detailed process descriptions can be accessed from the NAESB web site.

During the development of the phase 2 standards, the WEQ DR work group discussed the level of detail that would be included in the recommendation. Most participants agreed that the standards developed should not duplicate efforts undertaken in the stakeholder process of the ISO/RTOs, which vetted the adopted programs extensively. The ISO-RTO Council matrix was developed during the creation of the first phase of standards development and updated during the development process of the phase 2 standards. This matrix contains every ISO/RTO demand response program and all measurement and verification data points of those programs. The language in the matrix is referenced in the phase 2 standards. The majority of the WEQ DR work group agreed that impacting the stakeholder process would require guidance from the FERC. With the determination not to consider standards

development that would duplicate efforts undertaken in the ISO-RTO stakeholder process, a benchmark was created that guided the extent to which more detailed technical standards could be developed.

On December 1, 2010, the DSM-EE subcommittee voted out the recommendation with support from all segments of the wholesale electric quadrant¹. The recommendation was sent out for a thirty-day industry comment period on December 8, 2010 and nine comments were received.² The comments were considered by the WEQ EC on February 1, 2011³ and the DSM-EE subcommittee chairs provided a review that gave additional context to the standards. The WEQ EC vote on February 1, 2011 during the WEQ EC meeting was inconclusive, so a notational ballot was sent out to those EC members that did not vote during the meeting. With the completion of the notational balloting period on February 18, 2011 the EC approved the recommendation, with the needed super-majority threshold of 67% and a minimum of 40% affirmative votes from each segment. No negative votes were received. The recommendation was then ratified by the WEQ members on March 21, 2011⁴ after a thirty-day ratification period. It garnered 100% approval, clearly exceeding the super-majority threshold of 67%.

The WEQ phase 2 demand response standards⁵ address the measurement and verification characteristics of demand response products and services administered for application in the wholesale electricity market. The standards address four product/service categories (energy service, capacity service, reserve service and regulation service), and establish criteria for the use of equipment, technology and procedures to quantify the demand reduction value delivered. The second phase of the standards include additional granularity in the definitions and business practice standards, most notably in the following areas: Meter Data Reporting Deadline, Advanced Notification, Telemetry Interval, Meter Accuracy for After-The-Fact Metering, Meter Data Reporting Interval and Adjustment Window. The standards replaced the references to the “System Operator” with the term “Governing Documents,” which is defined in the glossary. The standards are now considered a final action⁶ and are accessible as a final action from the NAESB web site.

In October of 2009, the Retail Electric EC held a conference call to review the formal comments received and vote on the Retail DR model business practices. Several of the formal comments were substantive in nature. Rather than delay approval of the model business practices, the EC approved them and sent the formal comments to the Retail DR work group for consideration on its phase 2 efforts. The second phase effort included a great deal of coordination with the WEQ DR work group to ensure consistency between the two recommendations. Following the approval of the phase 1 Retail DR model business practices, the Retail DR work group met in early 2010 to review the formal comments that were submitted to them by the Retail Electric EC. The DSM-EE subcommittee voted to approve the phase 2 Retail DR model business practices on December 1, 2010. The Retail Electric EC approved them on February 2, 2011 and they were ratified on March 21, 2011⁷. They are included for informational purposes.

Wholesale Electric Energy Efficiency

The NAESB DSM-EE subcommittee also completed the Wholesale Energy Efficiency (“EE”) recommendation. The DSM-EE meetings and WEQ EC meetings where these standards were drafted, discussed and adopted took place from July 2009 to December 2010. The work began with a scoping task force for both the wholesale and retail energy efficiency efforts. The task force met twice and sent out a request for informal comments for industry feedback on the scope of the energy efficiency work product. There were thirteen work group and subcommittee meetings that focused solely on DSM/EE issues. Following the development of its recommendation, the wholesale energy efficiency work group sent out a request for informal comments and four sets of comments were received. The comments were discussed over two meetings, to allow all commenters time to discuss their comments and allow the work group to provide feedback on those comments. Included in the informal comments was a comment from

¹ NAESB DSM-EE Subcommittee Meeting Minutes, available at <http://www.naesb.org/pdf4/dsmee120110dm.doc>, December 1, 2010, (Motion to adopt the recommendation made by Paul Wattles of ERCOT and seconded by Josh Phillips of Southwest Power Pool, both of whom voted in support of the recommended standards).

² WEQ Request for Comments, available at http://www.naesb.org/weq_request.asp. The comments are located in the row titled, WEQ 2010 Annual Plan Items 4a and 4b.

³ NAESB WEQ Executive Committee Meeting Minutes, available at http://www.naesb.org/pdf4/weq_ec020111dm.doc, February 1, 2011.

⁴ WEQ Member Ratification of the wholesale M&V standards, available at <http://www.naesb.org/ratification.asp>. The ratification tally is located on the row dated February 18, 2011.

⁵ NAESB 2010 WEQ Annual Plan 4(a) and (b) Final Action: Review and develop business practice standards to support DR and DSM-EE programs, Ratified March 21, 2011, available at http://www.naesb.org/member_login_check.asp?doc=fa_2010_weq_api_4a_4b.doc.

⁶ *Id.*

⁷ NAESB 2010 Retail Annual Plan 3(c) Final Action: Review and develop business practice standards to support DR and DSM-EE programs, Ratified March 21, 2011, available at http://www.naesb.org/member_login_check.asp?doc=fa_2010_retail_api_3_c.doc.

the Northeast Energy Efficiency Partnerships (“NEEP”) to remove NAESB Proposed Standard WEQ-021-3.11.1.9 for two reasons: (1) the prescribed accuracy for “the overall accuracy of the calculated value” extends beyond the hardware-specific scope of Section WEQ.021.3.11 and into methodological and bias issues addressed elsewhere in the Draft Manual; and (2) the accuracy criteria for “any” measured data used in the development of demand impacts would exclude many essential resources of undocumented accuracy such as TMY2 temperature, manufacturing production, and energy management system (EMS) temperature and flow data. The wholesale energy efficiency work group disagreed with the removal of the language because it would lower the standards for accepting proxy variables. After discussion, the language of the proposed standard was changed to read, “Any measurement or monitoring equipment for proxy variables that do not directly measure electrical demand, including but not limited to voltage, current, temperature, flow rates and operating hours, shall have an accuracy of $\pm 2\%$, unless otherwise provided in the Governing Documents,” which received unanimous support from the work group as it was drafted on November 18, 2010⁸. There were seven EC meetings where the DSM-EE standards development effort was discussed as one of the agenda topics. Again, all meetings were open to all interested parties and were publicly noticed, and were available by phone and web cast for those unable to travel.

During the development of the wholesale energy efficiency request, the group understood that the standards would reflect the efforts of multiple quadrants and market interests. During the development, the wholesale energy efficiency work group worked to ensure that the standards developed complemented the model business practices created in the retail energy efficiency work group. The retail work group continues to draft its work product, which should be completed in the second quarter of 2011. All interested parties regardless of membership in NAESB were encouraged to participate, as they are in all NAESB meetings, to provide the broadest possible input from the industry, as work products are prepared.

On December 1, 2010, the DSM-EE subcommittee voted out its recommendation⁹ with significant support from all segments of the wholesale electric quadrant, and no votes in opposition. The recommendation was sent out for a thirty-day industry comment on December 8, 2010 and four sets of comments were received. The wholesale energy efficiency work group met on February 15 to review the informal comments. At that time, NEEP once again raised the issue of deleting 021-3.11.1.9, but had not submitted formal comments for the DSM-EE subcommittee to consider. The wholesale energy efficiency work group, having already addressed the comment in the informal comment period, suggested NEEP submit late formal comments for the WEQ EC to consider. NEEP submitted late comments along with ten other companies in support of NEEP’s change, only two of which had any earlier participation in the development of the standard. The comments were considered by the WEQ EC on March 21, 2011 and the proposed change was not adopted. The WEQ EC voted on March 21, 2011, with notational ballots due on April 8, 2011 for absent EC members, to approve the recommendation, passing the EC with the needed super-majority threshold of 67% and a minimum of 40% affirmative votes from each segment, receiving 69.4% affirmative votes overall including meeting the segment threshold. One negative vote and one abstention were received. The recommendation has been sent out for ratification, due May 13, 2011. Once the recommendation has been ratified, the NAESB office will file a supplemental filing, informing the Commission of the ratification results.

The WEQ EE standards include six new definitions and 63 business practice standards. The purpose of the energy efficiency standards was to create a standardized method for quantifying the energy reduction for energy efficiency measures; lighting, appliances, industrial process improvements and building management. The standards contain energy efficiency use criteria in wholesale markets, the general requirements for the structure of a measurement and verification (M&V) plan and detailed criteria for accepted M&V methodologies. The standards are built upon the current M&V manuals vetted by stakeholders in PJM and ISO New England, the Federal Energy Management Program M&V standards, the International Performance Measurement and Verification Protocol and other state protocols. Once ratified, the standards will be considered a final action and will be accessible as a final action from the NAESB website. They will be included in our next publication, WEQ Version 2.2, currently slated for completion and publication in third quarter 2011.

⁸ NAESB DSM-EE Wholesale Energy Efficiency Work Group meeting minutes, available at http://www.naesb.org/pdf4/dsmee_wholesale_ee_111810mn.doc, November 18, 2010.

⁹ NAESB 2010 WEQ Annual Plan 4(d) Recommendation: Business Practice Standards for Measurement and Verification of Energy Efficiency Products as approved by the WEQ Executive Committee via notational ballot on April 8, 2011, available at http://www.naesb.org/member_login_check.asp?doc=weq_rat041311_2010_weq_api_4d_rec.doc WEQ member ratification ends May 13, 2011.

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NAESB Wholesale Electric Quadrant DSM-EE Standards

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April 30, 2011

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Daniel Waitroob, KEMA Services
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Sandra Waldstein, Federal Energy Regulatory Commission
Mack Wallace, TXU Energy

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APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
April 16, 2009	DSM-EE Working Group 3 Meeting – WEQ, Austin, TX Hosted by ERCOT at the ERCOT Met Center	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_041609mn.doc	12
May 18, 2009	DSM-EE Working Group 3 Meeting – WEQ Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_051809mn.doc	11
May 29, 2009	DSM-EE Meeting, Richmond, VA Hosted by Dominion	Meeting Minutes: http://www.naesb.org/pdf4/dsmee052909fm.doc Attachment to Minutes: http://www.nerc.com/filez/drdrf.html	41
June 10, 2009	DSM-EE Working Group 3 Meeting – WEQ, Boston, MA Hosted by EnerNOC	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_061009mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_group3_061009a1.doc http://www.naesb.org/pdf4/dsmee_group3_061009a2.doc	15
June 17, 2009	DSM-EE Working Group 3 Meeting – WEQ Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_061709mn.doc	16
July 1, 2009	DSM-EE Working Group 3 Meeting – WEQ Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_070109mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group3_070109a1.doc	12
July 9, 2009	DSM-EE REQ and WEQ Scoping Task Force Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_scoping_070909mn.doc	21
July 15, 2009	DSM-EE Working Group 3 Meeting – WEQ Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_071509mn.doc	14

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
July 22, 2009	DSM-EE REQ and WEQ Scoping Task Force Request for Comments due August 3, 2009	Request for Comments due August 3, 2009: http://www.naesb.org/pdf4/dsmee_scoping_072209reqcom.doc Comments Submitted by Midwest ISO: http://www.naesb.org/pdf4/dsmee_scoping_072209miso.doc Comments Submitted by NEEP http://www.naesb.org/pdf4/dsmee_scoping_072209neep.doc	
July 29, 2009	DSM-EE Meeting, Carmel, IN Hosted by ACES Power	Meeting Minutes: http://www.naesb.org/pdf4/dsmee072909fm.doc Attachment to Minutes: http://www.naesb.org/pdf4/dsmee072909motions.doc	23
August 6, 2009	DSM-EE REQ and WEQ Scoping Task Force Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_scoping_080609mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_scoping_080609a1.doc http://www.naesb.org/pdf4/dsmee_scoping_080609a2.doc http://www.naesb.org/pdf4/dsmee_scoping_080609a3.doc	21
September 17, 2009	DSM-EE Working Group 3 Meeting – WEQ Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_091709mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group3_091709a1.pdf	12
September 30, 2009	DSM-EE Meeting, Austin, TX Hosted by ERCOT	Meeting Minutes http://www.naesb.org/pdf4/dsmee093009dm.doc Attachments to Minutes: http://www.naesb.org/pdf4/dsmee093009motions.doc http://www.naesb.org/pdf4/dsmee093009a1.ppt http://www.naesb.org/pdf4/dsmee093009a2.ppt	42
October 8, 2009	DSM-EE Working Group 3 Meeting – WEQ Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_100809mn.doc	20
October 22, 2009	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_102209mn.doc	14

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
November 2, 2009	DSM-EE Meeting, Baltimore, MD Hosted by BGE	Meeting Minutes: http://www.naesb.org/pdf4/dsmee110209fm.doc Attachment to Minutes: http://www.naesb.org/pdf4/dsmee110209attach.pdf	44
November 19, 2009	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_111909mn.doc	13
December 3, 2009	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_120309mn.doc	20
December 17, 2009	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_121709mn.doc	18
January 27, 2010	DSM-EE Wholesale/Retail Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_joint_ee_012710mn.doc	24
January 28, 2010	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_012810mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group3_012810a1.xls	15
February 25, 2010	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_022510mn.doc	15
April 15, 2010	DSM-EE Wholesale/Retail Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_joint_ee_041510mn.doc	15
April 23, 2010	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_042310mn.doc	15
May 20, 2010	DSM-EE Meeting, Holyoke, MA Hosted by ISO New England	Meeting Minutes: http://www.naesb.org/pdf4/dsmee052010fm.doc	32

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
July 8, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary070810mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary070810a1.xls http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary070810a2.doc	15
July 27, 2010	DSM-EE Meeting, Baltimore, MD Hosted by BGE	Meeting Minutes: http://www.naesb.org/pdf4/dsmee072710fm.doc	32
September 15, 2010	DSM-EE Wholesale Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_091510mn.doc	7
September 15, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary091510mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary091510a1.xls	8
September 20, 2010	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes:	
September 28, 2010	DSM-EE Meeting, Austin, TX Hosted by ERCOT	Meeting Minutes: http://www.naesb.org/pdf4/dsmee092810dm.doc	29
September 29, 2010	DSM-EE Joint Wholesale/Retail Energy Efficiency Work Group Meeting, Austin, TX Hosted by ERCOT	Meeting Notes: http://www.naesb.org/pdf4/dsmee_joint_ee_092910mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_joint_ee_092910a1.doc http://www.naesb.org/pdf4/dsmee_joint_ee_092910a2.xls	15

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
September 30, 2010	DSM-EE Wholesale Demand Response Work Group Request for Informal Comments due October 29, 2010	Request for Informal Comments due October 29, 2010: http://www.naesb.org/pdf4/dsmee_group3_093010reqcom.doc Attachments to Request for Comments: http://www.naesb.org/pdf4/dsmee_group3_093010reqcom_a1.doc http://www.naesb.org/pdf4/dsmee_group3_093010reqcom_a2.doc Comments Submitted by California ISO, ERCOT, IESO, ISO New England, Midwest ISO, New York ISO, PJM, SPP: http://www.naesb.org/pdf4/dsmee_group3_093010_iso_rto_comments.doc Redline Changes to Comments Submitted by California ISO, ERCOT, IESO, ISO New England, Midwest ISO, New York ISO, PJM, SPP: http://www.naesb.org/pdf4/dsmee_group3_093010_iso_rto_redline_changes.doc Late Comments - Submitted Southern California Edison: http://www.naesb.org/pdf4/dsmee_group3_093010_sce_late.doc Late Comments – EnerNOC: http://www.naesb.org/pdf4/dsmee_group3_093010_enernoc_late.doc	
October 8, 2010	DSM-EE Wholesale Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810a1.doc	7

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
October 8, 2010	DSM-EE Wholesale Energy Efficiency Work Group Request for Informal Comments due November 8, 2010	Request for Informal Comments due November 8, 2010: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810reqcom.doc Attachment to Request for Informal Comments: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810reqcom_a1.doc Comments Submitted by WPPI Energy: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810wppi_energy.pdf Comments Submitted by Westar Energy: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810westar.doc Comments Submitted by EM&V Forum: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810emv_forum.doc Comments Submitted by AESO, California ISO, ERCOT, IESO, ISO New England, New Brunswick System Operator, Midwest ISO, New York ISO, PJM, SPP: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810_iso_rtos_comments.doc Redlines Submitted by AESO, California ISO, ERCOT, IESO, ISO New England, New Brunswick System Operator, Midwest ISO, New York ISO, PJM, SPP: http://www.naesb.org/pdf4/dsmee_wholesale_ee_100810_iso_rtos_redline.doc	
October 22, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary102210mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary102210a1.xls	11

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
November 2, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary110210mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary110210a1.xls	10
November 5, 2010	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_110510mn.doc	18
November 12, 2010	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes:	
November 15, 2010	DSM-EE Wholesale Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_111510mn.doc Attachment to Notes; http://www.naesb.org/pdf4/dsmee_wholesale_ee_111510a1.doc	11
November 18, 2010	DSM-EE Wholesale Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_111810mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_111810a1.doc	14
December 1, 2010	DSM-EE, Richmond, VA Hosted by Dominion Virginia Power	Meeting Minutes: http://www.naesb.org/pdf4/dsmee120110dm.doc	25
January 24, 2011	DSM-EE Wholesale Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group3_012411mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group3_012411a1.doc http://www.naesb.org/pdf4/dsmee_group3_012411a2.doc	12

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
February 15, 2011	DSM-EE Wholesale Energy Efficiency Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_021511mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_wholesale_ee_021511a1.doc http://www.naesb.org/pdf4/dsmee_wholesale_ee_021511a2.doc http://www.naesb.org/pdf4/dsmee_wholesale_ee_021511a3.doc	10

Appendix C: Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts
 April 30, 2011

APPENDIX C – EXECUTIVE COMMITTEE MEETING MINUTES, COMMENTS, VOTING RECORDS LINKS AND AVAILABILITY OF TRANSCRIPTS			
DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
May 12, 2009	NAESB Executive Committee Meetings, Carmel, IN WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec051209fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR - 281-853-6807
June 2, 2009	NAESB WEQ Executive Committee Single Topic Review Session (Conference Call with Web Conferencing) Meeting Notes: http://www.naesb.org/pdf4/weq_ec060209mn.doc	No comments requested or provided relating to the WEQ DSM-EE standards	No transcripts provided for review session
June 8, 2009	NAESB WEQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_ec060809fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR - 281-853-6807
August 18, 2009	NAESB Executive Committee Meetings, Colorado Springs, CO WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec081809fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR - 281-853-6807
October 27, 2009	NAESB Executive Committee Meetings, Richmond, VA WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec102709fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR - 281-853-6807
December 3, 2009	NAESB Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_ec120309fm.doc	DSM-EE WEQ Phase 2	Jill Vaughn, CSR - 281-853-6807
February 2, 2010	NAESB Executive Committee Meetings, Phoenix, AZ WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec020210fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR - 281-853-6807
May 4, 2010	NAESB Executive Committee Meetings, Harrisburg, PA WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec050410fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR – 281-853-6807

¹ The Federal Energy Regulatory Commission and other regulatory agencies may contact the NAESB office to obtain electronic copies of the transcripts. All others can contact the transcription service and order the transcripts for a nominal fee.

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APPENDIX C – EXECUTIVE COMMITTEE MEETING MINUTES, COMMENTS, VOTING RECORDS LINKS AND AVAILABILITY OF TRANSCRIPTS			
DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
June 4, 2010	NAESB Joint WEQ/WGQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_wgq_ec060410fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR – 281-853-6807
June 7, 2010	NAESB Joint WEQ/REQ Executive Committee Single Topic Review Session (Conference Call with Web Conferencing) Meeting Minutes: http://www.naesb.org/pdf4/weq_req_ec060710mn.doc	No comments requested or provided relating to the WEQ DSM-EE standards	No transcripts provided for review session
June 16, 2010	NAESB Joint WEQ/REQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_req_ec061610fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR – 281-853-6807
July 7, 2010	NAESB WEQ Executive Committee Meeting, Dallas, TX Meeting Minutes: http://www.naesb.org/pdf4/weq_ec070710fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR – 281-853-6807
August 17, 2010	NAESB Executive Committee Meetings, Colorado Springs, CO WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec081710fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Agren Blando Court Reporting – 303-296-0017
October 22, 2010	NAESB Joint WEQ/REQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_req_ec102210fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR – 281-853-6807
October 26, 2010	NAESB Executive Committee Meetings, Richmond, VA WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec102610fm.doc	No comments requested or provided relating to the WEQ DSM-EE standards	Jill Vaughn, CSR – 281-853-6807
December 6, 2010	NAESB WEQ Executive Committee Notational Ballot due December 20, 2010 Results: http://www.naesb.org/pdf4/weq_ec120610ballot_results.doc	Harmonization of Defined Terms	No transcripts provided as this was not a meeting – it was a notational ballot.
December 8, 2010	Request for Formal Comments due January 14, 2011:	Request for Formal Comments due January 14, 2011:	No transcripts provided as this was not a

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DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
	<p>http://www.naesb.org/pdf4/weq_120810_reqcom.doc</p> <p>Recommendation WEQ 2010 Annual Plan Items 4a and 4b – Review and develop business practice standards to support DR and DSM-EE programs (DR Phase 2):</p> <p>Redline: http://www.naesb.org/pdf4/weq_2010_api_4a_4b_rec_redline.doc</p> <p>Clean: http://www.naesb.org/pdf4/weq_2010_api_4a_4b_rec_clean.doc</p>	<p>http://www.naesb.org/pdf4/weq_120810_reqcom.doc</p> <p>WEQ Standards Review Subcommittee: http://www.naesb.org/pdf4/weq_120810_weqsrs_4a4b_memo.doc</p> <p>Recommendation Redline to Comments Submitted by WEQ Standards Review Subcommittee: http://www.naesb.org/pdf4/weq_120810_weqsrs_4a4b.doc</p> <p>Northeast Utilities: http://www.naesb.org/pdf4/weq_011411_northeast_utilities.doc</p> <p>Duke Energy: http://www.naesb.org/pdf4/weq_120810_duke_energy.doc</p> <p>ISO/RTOs – ERCOT, IESO, ISO-NE, Midwest ISO, NYISO, PJM, SPP, CAISO: http://www.naesb.org/pdf4/weq_120810_iso_rtos_4a4b.doc</p> <p>EnerNOC: http://www.naesb.org/pdf4/weq_120810_enernoc.pdf</p> <p>Energy Curtailment Specialists, Inc.: http://www.naesb.org/pdf4/weq_120810_ecs_4a4b.pdf</p> <p>Late Comments – Southern California Edison: http://www.naesb.org/pdf4/weq_120810_sce_4a4b_late.doc</p> <p>Late Comments – Northeast Utilities: http://www.naesb.org/pdf4/weq_011411_northeast_utilities_late.doc</p> <p>Late Comments – Wholesale DR Work Group: http://www.naesb.org/pdf4/weq_011411_dsmee_g</p>	<p>meeting – it was a request for comments.</p>

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DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
		roup3_late.doc	
December 8, 2011	<p>Request for Formal Comments due January 14, 2011: http://www.naesb.org/pdf4/weq_120810_reqcom.doc</p> <p>Recommendation WEQ 2010 Annual Plan Item 4d – Business Practice Standards for Measurement Verification of Energy Efficiency Products:</p> <p>Redline: http://www.naesb.org/pdf4/weq_2010_api_4d_rec_redline.doc</p> <p>Clean: http://www.naesb.org/pdf4/weq_2010_api_4d_rec_clean.doc</p>	<p>Request for Formal Comments due January 14, 2011: http://www.naesb.org/pdf4/weq_120810_reqcom.doc</p> <p>WEQ Standards Review Subcommittee: http://www.naesb.org/pdf4/weq_120810_weqsrs_4d_memo.doc</p> <p>Recommendation Redline to Comments - WEQ Standards Review Subcommittee: http://www.naesb.org/pdf4/weq_120810_weqsrs_4d.doc</p> <p>ISO/RTOS - ERCOT, IESO, ISO-NE, Midwest ISO, NYISO, PJM, SPP, CAISO: http://www.naesb.org/pdf4/weq_120810_iso_rtos_4d.doc</p> <p>Recommendation Redlines to Comments - ISO/RTOS - ERCOT, IESO, ISO-NE, Midwest ISO, NYISO, PJM, SPP, CAISO: http://www.naesb.org/pdf4/weq_120810_iso_rtos_4d_redline.doc</p> <p>Late Comments - Southern California Edison: http://www.naesb.org/pdf4/weq_120810_sce_4d_late.doc</p> <p>Late Comments - Northeast Utilities: http://www.naesb.org/pdf4/weq_011411_northeast_utilities_late.doc</p> <p>Late Comments - NEEP: http://www.naesb.org/pdf4/weq_120810_neep_4d_late.doc</p> <p>Late Comments - Cadmus Group: http://www.naesb.org/pdf4/weq_120810_cadmus_</p>	No transcripts provided as this was not a meeting – it was a request for comments.

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DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
		<p>group 4d late.doc</p> <p>Additional Late Comments - Northeast Utilities: http://www.naesb.org/pdf4/weq_120810_northeast_utilities_4d_late_additional.doc</p> <p>Late Comments - ERS: http://www.naesb.org/pdf4/weq_120810_ers_4d_late.doc</p> <p>Late Comments - National Grid: http://www.naesb.org/pdf4/weq_120810_ngrid_4d_late.pdf</p> <p>Late Comments - SBW Consulting: http://www.naesb.org/pdf4/weq_120810_sbw_4d_late.pdf</p> <p>Late Comments - DMI: http://www.naesb.org/pdf4/weq_120810_dmi_4d_late.pdf</p> <p>Additional Late Comments - Southern California Edison: http://www.naesb.org/pdf4/weq_120810_sce_4d_late_additional.doc</p> <p>Late Comments - WEQ EE Work Group - Redlined Recommendation: http://www.naesb.org/pdf4/weq_120810_weq_ee_workgroup_4d_late_rec_redline.doc</p>	

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APPENDIX C – EXECUTIVE COMMITTEE MEETING MINUTES, COMMENTS, VOTING RECORDS LINKS AND AVAILABILITY OF TRANSCRIPTS			
DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
		Late Comments - WEQ EE Work Group - Clean Recommendation: http://www.naesb.org/pdf4/weq_120810_weq_ee_workgroup_4d_late_rec_clean.doc Late Comments Navigant Consulting: http://www.naesb.org/pdf4/weq_120810_navigant_4d_late.pdf Late Comments Midwest ISO: http://www.naesb.org/pdf4/weq_120810_miso_4d_late.doc Late Comments KEMA: http://www.naesb.org/pdf4/weq_120810_kema_4d_late.doc Late Comments Submitted by EVO: http://www.naesb.org/pdf4/weq_120810_evo_4d_late.doc	
February 1, 2011	NAESB Executive Committee Meetings, Phoenix, AZ WEQ EC Minutes: http://www.naesb.org/pdf4/weq_ec020111dm.doc	Recommendation as revised by the WEQ Executive Committee on 02-01-11 and approved via notational ballot on 02-18-11: http://www.naesb.org/pdf4/weq_ec020111a1.doc	Jill Vaughn, CSR – 281-853-6807
March 21, 2011	NAESB Joint WEQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_ec032111dm.doc Notational Ballot Results: http://www.naesb.org/pdf4/weq_ec032511ballot_results.doc	Recommendation as revised by the WEQ Executive Committee on 03-21-11 and approved via notational ballot on 04-08-11: Redline: http://www.naesb.org/pdf4/weq_ec032111a1.doc Clean: http://www.naesb.org/pdf4/weq_ec032111a2.doc	Jill Vaughn, CSR – 281-853-6807
March 25, 2011	NAESB WEQ Executive Committee Notational Ballot due April 8, 2011 Results: http://www.naesb.org/pdf4/weq_ec032511ballot_results.doc	MC11009: Minor Correction to Diagram for Meter Before/Meter After Definition (WEQ-000): http://www.naesb.org/pdf4/weq_mc11009.doc	No transcripts provided as this was not a meeting – it was a notational ballot.

APPENDIX D – RATIFICATION BALLOT AND RATIFICATION RESULTS

DATE OF RATIFICATION	RATIFICATION BALLOT	RESULTS	FINAL ACTIONS
March 21, 2011	Ratification Ballot due March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=weq_rat021811ballot.doc Recommendation: 2010 WEQ Annual Plan Item 4(a) and 4(b) Review and develop business practice standards to support DR and DSM-EE programs as approved by the WEQ Executive Committee on February 18, 2011: http://www.naesb.org/member_login_form.asp?doc=weq_rat021811_2010_weq_api_4a_4b_rec.doc	Ratification Tally: http://www.naesb.org/member_login_check.asp?doc=rat_weq032111tally.xls Comments submitted by Midwest ISO: http://www.naesb.org/pdf4/weq_rat032111_miso.pdf	2010 WEQ Annual Plan Item 4(a) and 4(b) Final Action - Review and develop business practice standards to support DR and DSM-EE programs: http://www.naesb.org/member_login_form.asp?doc=fa_2010_weq_api_4a_4b.doc
May 13, 2011	Ratification Ballot due May 13, 2011: http://www.naesb.org/member_login_form.asp?doc=weq_rat041311ballot.doc Recommendation: 2010 WEQ Annual Plan Item 4(d) - Business Practice Standards for Measurement and Verification of Energy Efficiency Products as approved by the WEQ Executive Committee via notational ballot on April 8, 2011: http://www.naesb.org/member_login_form.asp?doc=weq_rat041311_2010_weq_api_4d_rec.doc	<i>Ratification period ends May 13, 2011</i>	2010 WEQ Annual Plan Item 4(d) Final Action - Business Practice Standards for Measurement and Verification of Energy Efficiency Products: <i>Ratification period ends May 13, 2011</i>

NORTH AMERICAN ENERGY STANDARDS BOARD
NAESB 2009 WEQ Annual Plan as Approved by the Board on December 10, 2009

Item Description	Completion ¹	Assignment ^{2,3}
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) Develop business practices to support Coordinate Interchange – R05020 “Include a guideline for rounding schedules with partial MWh’s in the coordinate interchange business practice WEQ BPS-002-000” the rounding standard recommendation	3 rd Q, 2009	JESS
Status: Completed. Recommendation was voted out of the JESS on September 2, 2009. Formal comment period closed on October 8, 2009.		
b) Continuous support of TLR Procedure in alignment with NERC efforts on TLR Phase II and Phase III development.		
i) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection.	2010	BPS
Note: Activity is dependent on NERC approval of SAR expected in 2 nd Q, 2009. Upon approval of the SAR and NAESB action on this item, consideration should be given to provisional item 4.		
Status: Started		
ii) Update WEQ-008 Appendix D to include the Market Flow Threshold Percentage recommended by NERC working group/task force	3 rd Q, 2009	BPS
Status: Completed. The WEQ BPS voted a minor correction out of subcommittee on August 12, 2009		
c) Conduct analysis as to whether standards can be developed which outline a standardized process for the coordination and execution of emergency energy schedules. These would be complementary standards to EOP-002-2 Requirements R4 and R6 (SRS Analysis of EOP-002-2 R4 & R6)	1 st Q, 2009	JESS
Status: Completed and as a result item (3)(a)(viii) has been added to the plan		
d) Time Error and Inadvertent (BAL-004 and BAL-006) Coordination with NERC	TBD	TIMTF
Status: Monitor. (Upon initiation of this item by NAESB, a completion date will be determined. Based on discussions with NERC staff regarding the Balancing Authority Controls Standards Drafting Team’s timeline the completion date has been changed to TBD.)		
e) DCS and AGC (BAL-002 and BAL-005) Coordination with NERC	TBD	TIMTF
Status Monitor. (Upon initiation of this item by NAESB, a completion date will be determined. Based on discussions with NERC staff regarding the Balancing Authority Controls Standards Drafting Team’s timeline the completion date has been changed to TBD.)		

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Item Description	Completion ¹	Assignment ^{2,3}
2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)		
a) Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Such business practice standards would be based on recommendations from NERC's Long Term ATC/AFC Task Force and would involve revised procedures for the ATC calculation and/or revised protocols as determined by the final order. Status: Underway Development is using joint standards development process with NERC. Request R050004 was expanded to include the Order No. 890 (Docket Nos. RM05-25-000 and RM05-17-000) and Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002), "Preventing Undue Discrimination and Preference in Transmission Services," issued April 11, 2007).		
i) Group 3: Network Service On OASIS		
1. Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource Status: Underway	1 st Q, 2010	OASIS
2. Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests Status: Underway	1 st Q, 2010	OASIS
3. Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	1 st Q, 2010	OASIS
4. Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	1 st Q, 2010	OASIS
5. Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	1 st Q, 2010	OASIS
6. Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	1 st Q, 2010	OASIS
7. Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	1 st Q, 2010	OASIS
8. Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	1 st Q, 2010	OASIS

NORTH AMERICAN ENERGY STANDARDS BOARD
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	Item Description	Completion¹	Assignment^{2,3}
ii)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
	1. Pre-Emption Status: Not Started	3rd Q, 2010	OASIS
	2. Request No. R05019 Status: Not Started	3rd Q, 2010	OASIS
	3. Modify WEQ-001-9.7 Rollover Rights for Redirect on a Firm Basis Status: Completed	2 nd Q, 2009	OASIS
iii)	Group 5: Paragraph 1377 – Group 5 work should precede group 4 work		
	1. Paragraph 1377 Status: Not Started	2nd Q, 2010	OASIS
	2. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	2nd Q, 2010	OASIS
	3. Group DNR requests from a system with point-to-point requests on other systems for synchronization Status: Not Started	2nd Q, 2010	OASIS
iv)	Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
	1. Paragraph 1390 of Order 890 Status: Not Started	4 th Q, 2010	OASIS
	2. Paragraphs 1627 of Order 890 Status: Not Started	4 th Q, 2010	OASIS
	3. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	4 th Q, 2010	OASIS
b)	Develop the needed business practices as companion to the NERC standards for ATC related efforts		
i)	Develop standards to support existing Request No. R05004 .		
	1. The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 where the allocation of flowgate capability based on historical Network Native Load impacts the evaluation of transmission service requests, requiring the posting of those allocation values in conjunction with queries of service offerings on OASIS Status: Underway	1 st Q, 2010	OASIS

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	Item Description	Completion¹	Assignment^{2,3}
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 and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:		
i)	Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions (R04006E). (Related to AP 2(a)(iii)) Status: Underway	1 st Q, 2010	OASIS
ii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037 , R06027).		
	1. Work with the NAESB counsel to develop a confidentiality agreement, (R07013) Status: Completed	4 th Q, 2009	JESS
	2. Transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR), (R06027). Status: Underway	2010	NAESB/NERC Administration, JESS
iii)	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019). Status: Deleted as a duplicate of 2009 AP item 2.a.ii.2	2011	OASIS
iv)	Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Scoping statement completed by SRS and assignments made to BPS and OASIS.		
	1. Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted Status: Not Started	2011	OASIS
	2. Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information. Status: Underway (upon further development of this item by NAESB, a completion date will be determined)	2011	OASIS
	3. Enhance the TSR result postings to allow showing of (i) limiting transmission elements and (ii) available generation dispatch options that would allow acceptance of reservation request. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2011	OASIS

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	Item Description	Completion¹	Assignment^{2,3}
v)	Develop, coordinate interoperability testing, and implement e-Tag version 1.8.1 Status: Underway – 20090716 discussed rough time frames laid out needs test plans drafted	1 st Q, 2010	JESS
vi)	Transition e-Tag Specification and schema to NAESB Status: Complete. Version 1.8.1 will be identified as the NAESB Electronic Tagging Functional Specification	1 st Q, 2009	JESS
vii)	Review and correct the WEQ-004 Coordinate interchange Business Practice Standard as noted during the development of the e-Tag 1.8 development process. Status: Completed. Recommendation was voted out of the JESS on September 2, 2009. Formal comment period closed on October 8, 2009.	3 rd Q, 2009	JESS
viii)	Review and correct WEQ-004 Coordinate Interchange Business Practice Standard as needed based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. [note: this is a new item] Status: Not started – dependent on NERC activity (upon initiation of this item by NAESB, a completion date will be determined)	2010	JESS
b)	Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i)	Develop PKI certification program for e-Tag and OASIS Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2010	Board Certification Program Committee
ii)	Develop PKI standards for OASIS. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2011	OASIS
iii)	Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging. Status: Underway. Full e-Tag implementation (server & client side) is linked to the transition of the Registry from NERC to NAESB and NAESB implementation. 20090716 – server-side certificate underway – change TSIN to accept https URLs with a September 2009 target.	TBD – dependent on item above (i) and EIR	JESS
c)	Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers. Status: Underway (upon further development of this item by NAESB, a completion date will be determined) Common code usage is linked to the transition of the Registry from NERC to NAESB	2009	NAESB Staff with WEQ support
d)	Develop business practice standards in support of FERC Order No. 717 Status: Completed	1 st Q, 2009	BPS

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	Item Description	Completion ¹	Assignment ^{2,3}
4	Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs		
	Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.		
	a) Develop matrix and business practice standards for measurement and verification for demand response products and services in ISO/RTO footprint areas. Status: Completed	4 th Q, 2008	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
	b) Develop more detailed technical standards for the measurement and verification of demand response products and services in ISO-RTO footprint areas, including examples to be developed to support item 4(a) above. Status: In Progress	2010	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
	c) Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Completed	3 rd Q, 2009	Joint WEQ/REQ DSM-EE Subcommittee
	d) Develop glossary for business practice standards Status: Ongoing	Ongoing	Joint WEQ/REQ DSM-EE Subcommittee
	e) Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Completed	3 rd Q, 2009	Retail Section of Joint WEQ/REQ DSM-EE Subcommittee
	f) Develop business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard. Status: Upon further review, the task force has determined this work will be completed under Annual Plan Item 4g.	Combined with 4g	WEQ Section/Joint WEQ/REQ DSM-EE Subcommittee
	g) Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets. ¹ Status: Underway (An estimated completion date will be established in 4 th Q after the new working group has been formalized)	2010	WEQ Section/Joint WEQ/REQ DSM-EE Subcommittee

¹ Energy efficiency may be a wholesale product, such as capacity. Energy efficiency in retail markets may be from individual energy efficiency measures at the project level or a portfolio of projects that make up an energy efficiency program.

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Item Description	Completion ¹	Assignment ^{2,3}
<p>h) Develop business practice standards for cap and trade programs for green house gas</p> <p>Status: Moved to Provisional Item 8. This item will not be addressed until Congress has addressed pending legislation.</p>	<p>Moved to Provisional Item 8</p>	<p>Joint WEQ/REQ DSM-EE Subcommittee</p>
<p>5 Maintain existing body of Version 2 standards</p>		
<p>a) Make consistency changes to Version 1.0 standards as directed by the WEQ Leadership Committee on December 12, 2007 (R08001 – BPS, OASIS, R08002 - OASIS, R08003 - OASIS - BPS, R08004, R08005 - OASIS)</p>		
<p>1. OASIS Consistency Changes (R08001, R08002, R08003, R08005)</p> <p>Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)</p>	<p>2011</p>	<p>OASIS</p>
<p>2. Gas / Electric Communication Consistency Changes (R08004)</p> <p>Status: Completed. WEQ BPS coordinated recommendation with WGQ BPS. WEQ BPS voted recommendation out of subcommittee on September 28, 2009.</p>	<p>3rd Q, 2009</p>	<p>WEQ BPS / WGQ BPS</p>
<p>b) Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary. Revise existing NAESB glossary/definition of terms to be applicable to entire set of WEQ Business Practices. (http://www.naesb.org/pdf3/weq_ec051308w3.doc)</p> <p>Status: Completed</p> <p>Subcommittee co-chairs are developing WEQ-000 Definition of Terms/Acronyms to replace definitions being included in each NAESB Business Practice.</p>	<p>4th Q, 2009</p>	<p>BPS/OASIS/RS/JESS Co-chairs</p>
<p>c) Develop standards to allow for registered Market Operators to request changes to the Market Level profile of Implemented Interchange (R06006)</p> <p>Status: Complete</p>	<p>1st Q, 2009</p>	<p>JESS</p>
<p>d) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. (R08011)</p> <p>Status: Not Started</p> <p>This Standards Request was assigned to the OASIS in May 2008.</p>	<p>2011</p>	<p>OASIS</p>
<p>e) Provide for Enhanced Granularity for Public Utilities in Identifying Critical Operational Flow Orders. (R08020)</p> <p>Status: WEQ Complete/WGQ In Progress. This Standards Request was assigned to the BPS in August 2008 (upon initiation of this item by NAESB, a completion date will be determined)</p>	<p>2nd Q, 2009</p>	<p>BPS jointly with WGQ BPS</p>

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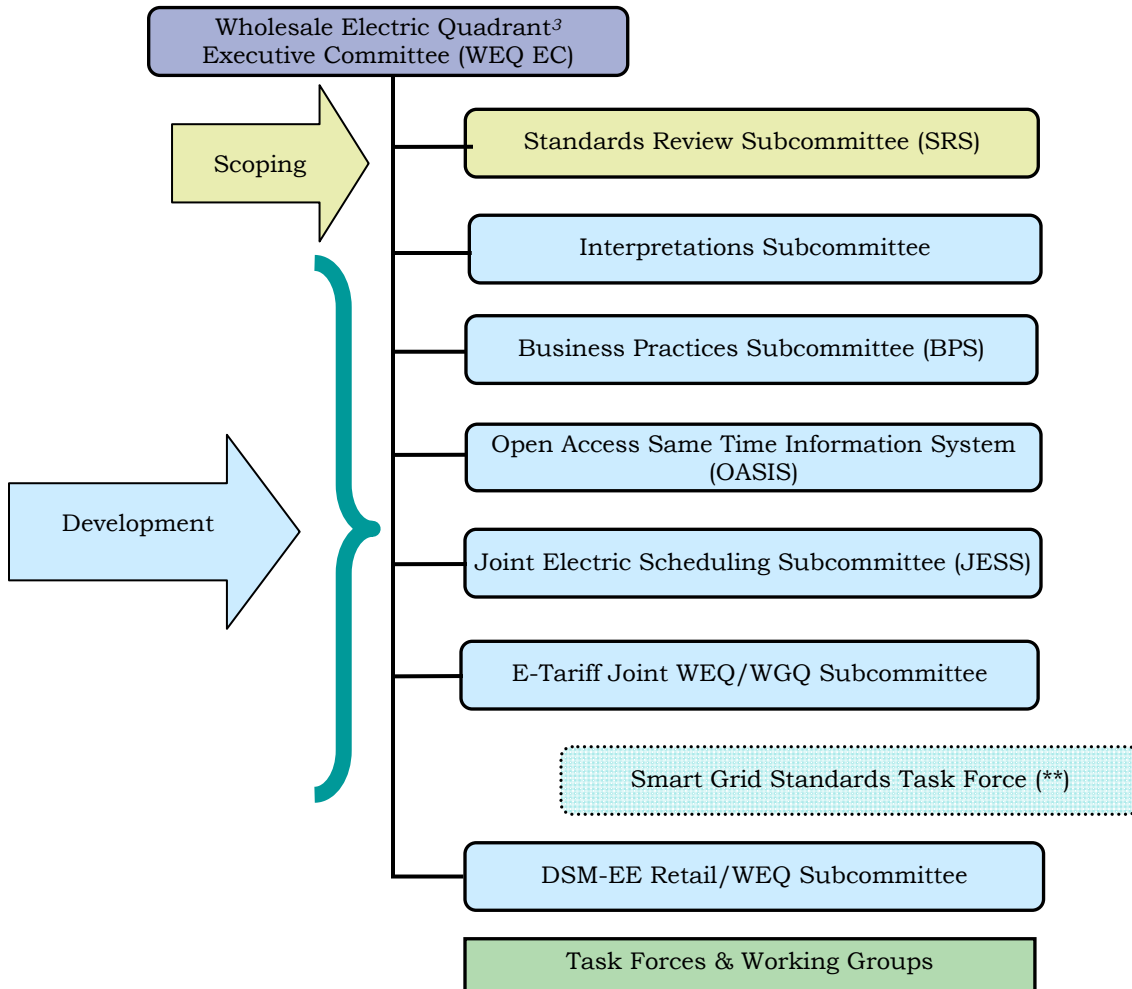
	Item Description	Completion¹	Assignment^{2,3}
f)	<p>Synchronize Bidding Credit Requirements for FTR, TCC and CRR (R08025) Posting of collateral is an important issue for financial marketers. Most financial marketers and smaller entities are required to post cash for FTR transactions, while most utilities post unsecured credit. Therefore, the timing for posting collateral is especially crucial to financial marketers. There are two posting periods for FTRs:</p> <p>1. The Bidding Requirement: Credit must be posted with FTR bids and these monies are held until bids are cleared.</p> <p>2. The Holding Requirement: After bids are cleared and FTRs awarded, collateral is required for the amount of time the FTR is active.</p> <p>Status: Withdrawn by requester</p>	4 th Q, 2009	SRS (Scoping)
g)	<p>Correct WEQ 013-2.6.7.2. – Resale off OASIS (R08027) Status: Not Started</p>	TBD	OASIS
h)	<p>Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 (R09003) Status: Not Started</p>	TBD	OASIS
i)	<p>Change Power Plant Operator to Power Plant Gas Coordinator (R09011) Status: Completed. WEQ BPS coordinated recommendation with WGQ BPS. WEQ BPS voted recommendation out of subcommittee on September 28, 2009.</p>	4 th Q, 2009	WEQ BPS/WGQ BPS

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PROVISIONAL ITEMS

- 1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (Project 2009-05 Resource Adequacy Assessment).
- 2 Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](#) - Paragraph 805).
- 3 Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.
- 4 Prepare recommendations for future path for TLR (equity concerns) in concert with NERC, which may include alternative congestion management procedures⁴. Work on this activity is dependent on completing 2009 WEQ Annual Plan 1.c.i (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection).
- 5 Develop complementary standards that align with NERC Project 2008-01 Voltage and Reactive Control, for which a white paper is expected after the 2009 SAR is processed.
- 6 Develop NAESB business practices as needed to complement NERC reliability standards for FAC-012 and FAC-013.
- 7 Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.
- 8 Develop business practice standards for cap and trade programs for green house gas (See action item 4h).
- 9 Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.

WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Subcommittee Leadership:

Executive Committee: Kathy York (WEQ EC Chair) and Matthew Goldberg (WEQ EC Vice Chair)

Standards Review Subcommittee: Narinder Saini, Ed Skiba

Interpretations Subcommittee: Robert Schwermann

Business Practices Subcommittee & Task Forces: Jim Busbin (TLR), Ed Skiba

Open Access Same Time Information System (OASIS): Paul Sorenson, J.T. Wood, Marcie Otondo

Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Jim Hansen (NERC)

e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Jane Daly (WEQ), Keith Sappenfield (WGQ)

DSM-EE Joint Retail/WEQ Subcommittee: Ruth Kiselewich and David Koogler (Retail), Roy True and Paul Wattles (WEQ)

(**) The Smart Grid Task Force is a joint group of the retail electric and wholesale electric quadrant with other standards development groups such as OASIS, CalConnect, FIX and UCAIug, and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports to the NAESB Board Smart Grid Strategic Steering Committee. The group is chaired by Brent Hodges, Wayne Longcore, Joe Zhou and Robert Burke.

NORTH AMERICAN ENERGY STANDARDS BOARD
2010 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
As Approved by NAESB Board of Directors on September 23, 2010 With Suggested Changes From the WEQ Executive Committee and Leadership

Item Description	Completion ¹	Assignment 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) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection.		
Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group.		
i) Interim solution for Parallel Flow Visualization Status: Completed Interim solution is needed to support November 1, 2010 NERC implementation of IDC Change Order 283 into the IDC Staging Environment.	3 rd Q, 2011	BPS
ii) Permanent solution for Parallel Flow Visualization Status: Started	2nd Q, 2011	BPS
b) Time Error and Inadvertent (BAL-004 and BAL-006) Coordination with NERC Status: Monitor. (Will require coordination with Balancing Authority Reliability Based Controls Standards Drafting Team (BARCSDT) created in July 2010) – Moved to provisional item 13	Transferred to Provisional Items ¹	TIMTF
c) DCS and AGC (BAL-002 and BAL-005) Coordination with NERC Status: Monitor. (Will require coordination with Balancing Authority Reliability Based Controls Group created in July 2010) – Moved to provisional item 14	Transferred to Provisional Items ¹	TIMTF
d) Monitor and develop NAESB business practices as needed to complement NERC reliability standards for FAC-012 and FAC-013. Status: Completed	3 rd Q, 2010	SRS

¹ The activities for the WEQ 2010 Annual Plan Item Nos. 1b, 1c, and 1d are dependent on NERC standards development efforts. It is probable that this item will not start until 2012 when the field test from NERC is completed.

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2010 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT
As Approved by NAESB Board of Directors on September 23, 2010 With Suggested Changes From the WEQ Executive Committee and Leadership

Item Description	Completion ¹	Assignment ²
2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)²		
a) Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Status: Underway Request R050004 was expanded to include the Order No. 890 (Docket Nos. RM05-25-000 and RM05-17-000) and Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002) , and Order No. 890-B (Docket Nos. RM05-17-03 and RM05-25-03) “Preventing Undue Discrimination and Preference in Transmission Services”).		
i) Group 3: Network Service On OASIS		
1) Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource Status: Underway	1 st Q, 2011	OASIS
2) Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests Status: Underway	1 st Q, 2011	OASIS
3) Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	1 st Q, 2011	OASIS
4) Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	1 st Q, 2011	OASIS
5) Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	1 st Q, 2011	OASIS
6) Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	1 st Q, 2011	OASIS
7) Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	1 st Q, 2011	OASIS
8) Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	1 st Q, 2011	OASIS

² FERC Order No. 890, issued February 16, 2007 can be accessed from the following link - http://www.naesb.org/doc_view4.asp?doc=ferc021607.doc

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As Approved by NAESB Board of Directors on September 23, 2010 With Suggested Changes From the WEQ Executive Committee and Leadership

	Item Description	Completion¹	Assignment²
ii)	Group 4: Pre-Emption; Request No. R05019		
	4. Pre-Emption Status: Not Started	2011	OASIS
	5. Request No. R05019 Status: Not Started	2011	OASIS
iii)	Group 5: Paragraph 1377 ³ – Group 5 work should precede group 4 work ³		
	1) Paragraph 1377-Coordination of Requests Across Multiple Transmission Systems Status: Underway, Scoping Group work product approved by the WEQ EC and sent to the OASIS Subcommittee.	1 st Q, 2011	OASIS
	2) Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Underway, Scoping Group work product approved by the WEQ EC and sent to the OASIS Subcommittee	1 st Q, 2011	OASIS
	3) Group DNR requests from a system with point-to-point requests on other systems for synchronization Status: Underway, Scoping Group work product approved by the WEQ EC and sent to the OASIS Subcommittee	1 st Q, 2011	OASIS

³ Paragraph 1377 of FERC Order No. 890, issued February 16, 2007: The Commission agrees that transmission requests across multiple transmission systems should be coordinated by the relevant transmission providers. We will not, however, amend the pro forma OATT to require such coordination. Rather, we require transmission providers working through NAESB to develop business practice standards related to coordination of requests across multiple transmission systems. In order to provide guidance to NAESB, we will articulate the principles that should govern processing across multiple systems. All the transmission providers involved in a request across multiple systems should consider a request that requires studies across multiple systems to be a single application for purposes of establishing the deadlines for rendering an agreement for service, revising queue status, eliciting deposits and commencing service. In order to preserve the rights of other transmission customers with studies in the queue, the priority for the single application should be based on the latest priority across the transmission providers involved in the multiple system request. We note that regional entities like wesTTrans are already coordinating requests across multiple transmission systems and we believe such coordination is an acceptable solution to this issue.

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	Item Description	Completion¹	Assignment²
iv)	Group 6: Miscellaneous (Paragraphs 1390 ⁴ and 1627 ⁵ of FERC Order No. 890)		
	1) Paragraph 1390 of Order 890 – Terminations related to: deficient requests, customer failure to pay required annual reservation fee, and customer modifications to applications which are meaningfully different. Status: Not Started	2011	OASIS
	2) Paragraphs 1627 of Order 890 – Posting of additional information on OASIS regarding firm transmission curtailments Status: Not Started	2011	OASIS
	3) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	2011	OASIS
b)	Develop the needed business practices as companion to the NERC standards for ATC related efforts ³		
	i) Develop standards to support existing Request No. R05004 .		

⁴ Paragraph 1390 of FERC Order No. 890, issued February 16, 2007: We will not modify the pro forma OATT to address requests to allow the transmission provider to terminate idle transmission service requests. NAESB’s business practice 001-4.11 allows the transmission provider to retract a request if the transmission customer does not respond to an acceptance within the time established in NAESB business practice standard 001-4.13. Therefore, we interpret TDU Systems comments to refer to circumstances when a transmission customer fails to respond to the transmission provider’s request for additional information during the course of a request study. As discussed above, by the time the transmission provider offers a system impact study agreement, it should have all of the information that it needs to complete the study. Pursuant to section 17.4 of the pro forma OATT, the transmission provider can deem a transmission service request deficient if the transmission customer does not provide all of the information the transmission provider needs to evaluate the request for service. We will revise section 17.7 of the pro forma OATT so that the transmission provider is able to terminate a request for transmission service if a transmission customer that is extending the commencement of service does not pay the required annual reservation fee within 15 days of notifying the transmission provider that it would like to extend the commencement of service. We will not change the pro forma OATT to allow the transmission provider to terminate a transmission service request if the transmission customer changes its application for service. We believe the existing pro forma OATT is sufficient to allow a transmission provider to manage situations where the transmission customer modifies its application for service to the point that the customer is requesting transmission service that is meaningfully different than its initial request.

⁵ Paragraph 1627 of FERC Order No. 890, issued February 16, 2007: We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider’s own retail loads), and the duration of the curtailment. This information is in addition to the Commission’s existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission’s Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider’s system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.

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Item Description	Completion ¹	Assignment ²
1) The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 where the allocation of flowgate capability based on historical Network Native Load impacts the evaluation of transmission service requests, requiring the posting of those allocation values in conjunction with queries of service offerings on OASIS Status: Underway	1 st Q, 2011	OASIS
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 and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:		
i) Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions (R04006E). (Related to AP 2(a)(iii)) ³ Status: Underway	1 st Q, 2011	OASIS
ii) Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037 , R06027).		
1) Transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR), (R06027). Status: Underway, contract signed.	2 nd Q, 2011	NAESB/NERC Administration, JESS
iii) Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019). Status: Deleted as a duplicate of 2009 AP item 2.a.ii.2		
iv) Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Scoping statement completed by SRS. There were a number of assignments from the Standards Request. The outstanding items are included below:		
1) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted Status: Not Started	2012	OASIS
2) Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information. Status: Underway (upon further development of this item by NAESB, a completion date will be determined)	2012	OASIS

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	Item Description	Completion¹	Assignment²
	3) Enhance the TSR result postings to allow showing of (i) limiting transmission elements and (ii) available generation dispatch options that would allow acceptance of reservation request. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2012	OASIS
v)	Develop, coordinate interoperability testing, and implement e-Tag version 1.8.1 Status: Completed.	1 st Q, 2010	JESS
vi)	Review and correct WEQ-004 Coordinate Interchange Business Practice Standard as needed based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. [note: this is a new item] Status: Underway. Completion date dependent upon coordination activities with NERC.	2011	JESS
b)	Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i)	Develop PKI certification program for e-Tag and OASIS Status: Underway	3 rd Q 2011	Board Certification Program Committee
ii)	Develop PKI standards for OASIS. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2012	OASIS
iii)	Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging. Status: Underway. Full e-Tag implementation (server & client side) is linked to the transition of the Registry from NERC to NAESB and NAESB implementation.	TBD – dependent on item above (i) and EIR	JESS

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Item Description	Completion ¹	Assignment ²
<p>4 Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs</p>		
<p>Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.</p>		
<p>a) Review the NAESB Business Practices for Measurement and Verification of Wholesale Electricity Demand Response (WEQ-015) in conjunction with the IRC developed Demand Response Matrix and identify business practice requirements that could be improved or made clearer through the addition of specific technical detail. The wholesale and retail demand response work groups and the Smart Grid Standards Subcommittees should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.</p>	Phase 2 – 4 th Q 2010	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
<p>Status: Completed</p>		
<p>b) For each performance evaluation type/service type combination identified in WEQ-015, using the IRC matrix as a starting point, assess and determine what standards or guidelines, if any, should be developed to aid all participants in the use of measurement and verification methods for demand response programs in organized wholesale electric markets. If the determination is made that standards or guidelines will be developed, those items will be added as sub-items to 4(b).</p>	Phase 2 – 4 th Q 2010	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
<p>Status: Completed</p>		
<p>c) Develop glossary for business practice standards</p>	Ongoing	Joint WEQ/REQ DSM Subcommittee
<p>Status: Ongoing</p>		
<p>d) Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets.³ This includes developing business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard.</p>	4 th Q, 2010	Joint WEQ/REQ DSM-EE Subcommittee
<p>Status: Completed</p>		
<p>e) Create common interfaces and data structures necessary for enrolling DR sites into a DR program (Request No. R10002)</p>	4 th Q, 2010	REQ portion of the Joint WEQ/REQ DSM-EE Subcommittee with coordination with Smart Grid Standards Task Force and REQ BPS
<p>Status: Reassigned to Retail Electric Quadrant Only</p>		

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Item Description	Completion ¹	Assignment ²
5 Maintain existing body of Version 2.x standards		
a) Make consistency changes to Version 2.2 standards as directed by the WEQ Leadership Committee on December 12, 2007 OASIS Consistency Changes (R08001, R08002, R08003, R08005) Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	TBD	OASIS
b) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. (R08011) Status: Not Started. This Standards Request was assigned to the OASIS in May 2008.	TBD	OASIS
c) Correct WEQ 013-2.6.7.2. – Resale off OASIS (R08027) Status: Not Started	TBD	OASIS
d) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 (R09003) Status: Not Started	TBD	OASIS
e) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism (R09015) Status: Not Started	TBD	OASIS
6. Develop Smart Grid Wholesale and Retail Electric Standards - The wholesale and retail demand response work groups and the Smart Grid task force should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.		
a) Develop requirements and use cases for PAP 03 – Pricing Model		
i). Phase 1 Status: Completed	1 st Q, 2010	Joint WEQ/REQ SGS Subcommittee
ii) Phase 2 Status: Completed	4 th Q, 2010	Joint WEQ/REQ SGS Subcommittee
b) Develop requirements and use cases for PAP 04 – Scheduling Model		
i) Phase 1 Status: Completed	1 st Q, 2010	Joint WEQ/REQ SGS Subcommittee
ii) Phase 2 Status: Completed	4 th Q, 2010	Joint WEQ/REQ SGS Subcommittee
c) Develop requirements and use cases for PAP 09 – Demand Response/Distributed Energy Resources		

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	Item Description	Completion¹	Assignment²
i)	Phase 1 Status: Completed	1 st Q, 2010	WEQ Section of the Joint WEQ/REQ SGS Subcommittee
ii)	Phase 2 Status: Completed	4 th Q, 2010	WEQ Section of the Joint WEQ/REQ SGS Subcommittee
d)	Develop standards to support PAP 10 – Standards Energy Usage Information		
i)	Act as a convener (develop and implement a plan to expedite harmonized standards development and adoption within the associated standards bodies) and develop business practice standards as needed and assigned to NAESB for PAP 10 – Standard Energy Usage Information Status: Completed	2 nd Q, 2010	Joint WEQ/REQ PAP 10 SGS Subcommittee
ii)	Develop Information Model and related business practices Status: Complete	4 th Q, 2010	Joint WEQ/REQ PAP 10 SGS Subcommittee
e)	Develop standards to support inclusion of OpenADE requirements document into the NAESB Smart Grid standards (R10008), specifically to standardize the exchange of Energy Usage Information. Status: Reassigned to REQ only.	4 th Q, 2010	REQ section of the Joint WEQ/REQ PAP 10 SGS Subcommittee Task Force
7.	Develop or modify standards to Support FERC Order No. 676-E, (Docket No. RM 05-5-013)		
a)	Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See ¶ 39 ⁶) Status: Not Started	2 nd Q, 2011	OASIS
b)	Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72 ⁷) Status: Not Started	2 nd Q, 2011	OASIS

⁶ 39. In regards to Entergy’s question of whether the transmission provider’s calculated and posted available flowgate capability values should be used to fulfill the posting requirements set forth in Standard 001-14 and 001-15 in instances where there is no requirement to convert this calculation to available transfer capability values, we agree with Entergy that this requirement can be met by the transmission provider posting its available flowgate capability values. As to EPSA’s argument that Standard 001-15 falls short of the goals of Order No. 890, we find that, with the exception of Standard 001-15.1.2, compliance with Standard 001-15 provides all of the information required by Order No. 890. However, Standards 001-14.1.3 and 001-15.1.2 permit transmission providers to post an available transfer capability change narrative within five business days of meeting the criteria under which a narrative is required to be posted. In Order No. 890, the Commission rejected calls for delays prior to posting data and required posting as soon as possible. We do not find the NAESB standard meets this criterion and therefore decline to incorporate Standards 001-14.1.3 and 001-15.1.2 by reference. Transmission providers must post their narratives as soon as feasibly possible. Posting within one day would appear in most cases to be reasonable.

⁷ 72. However, we reiterate here the Commission’s finding in Order No. 890 that a transmission provider is permitted to extend its right to reassess the availability of conditional firm service. Since the Version 002.1 Standards do not specifically

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Item Description	Completion¹	Assignment²
c) Prepare status reports every six months regarding the development of standards for the coordination of transmission service requests across multiple transmission systems (See ¶ 105 ⁸). This annual plan item is tied to Annual Plan Item 2(a)(iii) Status: Underway – first report filed.	Ongoing	NAESB Office

address this issue, we would ask the industry, working through NAESB, to continue to look at additional business practice standards facilitating a transmission provider's extension of its right to perform a reassessment

⁸ 105. We agree that insufficient progress has been made on this issue. While we acknowledge that development of standards addressing this issue is included in NAESB's 2009 WEQ Annual Plan, we nevertheless urge NAESB to address this issue as soon as possible. Accordingly, we request that NAESB provide the Commission with a status report concerning its progress on this issue every six months, counting from the date this final rule is published in the Federal Register, until NAESB's adoption of the applicable standard(s).

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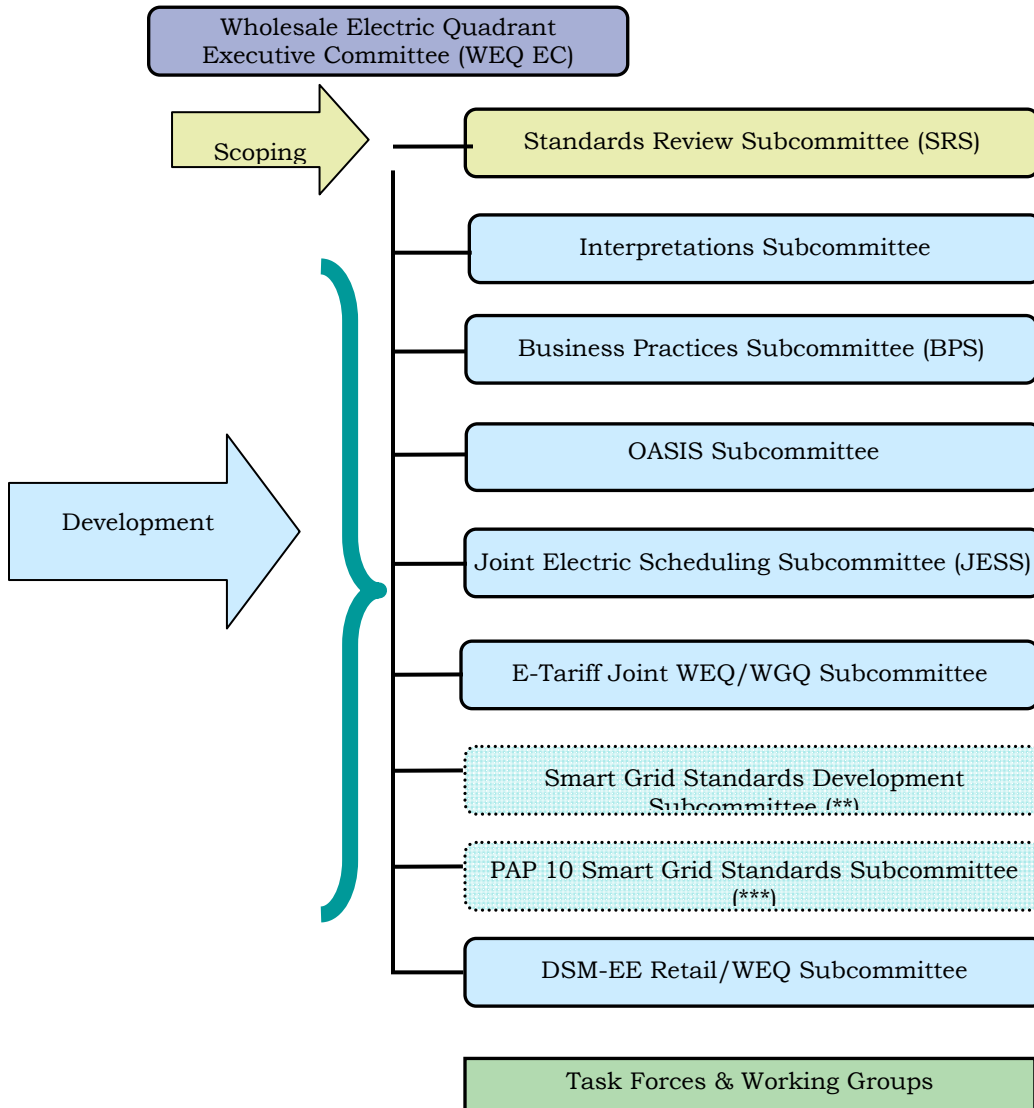
As Approved by NAESB Board of Directors on September 23, 2010 With Suggested Changes From the WEQ Executive Committee and Leadership

PROVISIONAL ITEMS

- 1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (Project 2009-05 Resource Adequacy Assessment).
- 2 Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](#) - Paragraph 805).⁹
- 3 Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.
- 4 Prepare recommendations for future path for TLR (equity concerns) in concert with NERC, which may include alternative congestion management procedures⁴. Work on this activity is dependent on completing 2010 WEQ Annual Plan 1.a (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection).
- 5 Develop complementary standards that align with NERC Project 2008-01 Voltage and Reactive Control, for which a white paper is expected after the SAR is authorized to proceed by the NERC Standards Committee.
- 6 *Provisional Item No. 6 was added to the 2010 Annual Plan as Item No. 1(d)*
- 7 Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.
- 8 Develop business practice standards for cap and trade programs for green house gas
- 9 Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.
- 10 Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers. Common code usage is linked to the transition of the Registry from NERC to NAESB.
- 11 *Provisional Item No. 11 was determined to only affect the REQ, and as such was added to the 2010 Retail Annual Plan as Item No. 3e.*
- 12 Review the need for, and develop standards where appropriate, in response to issues raised by FERC’s National Action Plan on Demand Response.
- 13 Coordinate standards development with the NERC Balancing Authority Reliability Based Controls Standards Drafting Team (BARCSDT- created in July 2010) regarding Time Error and Inadvertent (BAL-004 and BAL-006), which may require changes to NAESB WEQ standards. (Previously WEQ 2010 Annual Plan Item 1b).
- 14 Coordinate standards development with the NERC Balancing Authority Reliability Based Controls Standards Drafting Team (BARCSDT- created in July 2010) regarding DCS and AGC (BAL-002 and BAL-005) which may require changes to NAESB WEQ standards. (Previously WEQ 2010 Annual Plan Item 1c).

⁹ 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.

WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



NAESB WEQ EC and Subcommittee Leadership:

Executive Committee: Kathy York (WEQ EC Chair) and Alan Johnson (WEQ EC Vice Chair)

Standards Review Subcommittee: Narinder Saini, Ed Skiba

Interpretations Subcommittee: Ed Skiba

Business Practices Subcommittee & Task Forces: Jim Busbin (TLR), Ed Skiba

Open Access Same Time Information System (OASIS): Paul Sorenson, J.T. Wood, Marcie Otondo

Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Clint Aymond (NERC)

e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Jane Daly (WEQ), Keith Sappenfield (WGQ)

DSM-EE REQ/WEQ Subcommittee: Ruth Kiselewich and David Koogler (Retail), Roy True and Paul Wattles (WEQ)

(**) The Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS (Organization for the Advancement of Structured Information Standards, not Open Access Same Time Information Systems related to NAESB standards and FERC actions), CalConnect, FIX and UCAIug, among others. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and REQ ECs. The group is chaired by Brent Hodges, Joe Zhou, Wayne Longcore

and Robert Burke.

(***) The PAP 10 Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, UCAIug, OpenADE, ZigBee, ASHRAE, EIS Alliance, NARUC and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the WEQ and REQ ECs. The group is chaired by Brent Hodges, Phil Precht, Cathy Wesley, Sharon Dinges, David Kaufman, Brad Ramsay, Tobin Richardson and Ed Koch.

The NAESB Standards Development Process

NAESB is focused on proposing, considering, and adopting voluntary standards and model business practices that will have a significant and lasting impact on all aspects of the natural gas and electricity marketplaces. As a result of the standards NAESB adopts, it is expected that the industry will operate more efficiently and effectively, benefiting both the industry and its customers. At the same time, it must be acknowledged that NAESB standards may constitute a change in the way parties do business, with an accompanying effect on the use and allocation of resources.

NAESB's policy is to move at a deliberate pace, consistent with its annual plan(s), thus permitting those affected by its standards, especially those standards adopted as regulations by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies, to assimilate them as part of their business practices. To this end, NAESB will carefully consider whether proposed standards are both timely and necessary. In particular, it will try to avoid adopting and implementing new standards, however beneficial, before the industry is able to reasonably make use of them.

The standards development process is governed by the annual plan, and items can be included in the plan or modified only with Board approval. The plan typically reflects requests from NAESB members, government agencies, and other interested parties. In approving the annual plan, the Board considers the availability of resources, including the NAESB budget and staff and the availability of industry volunteers. New requests received throughout the year are either considered part of the existing annual plan or as new items that require Board approval.

The standards development process begins with an annual plan item or a triaged and approved request. Triage is a process used by each quadrant of the Executive Committee (EC) to determine whether a request is within scope, which quadrant(s) it applies to, which subcommittee(s) it should be referred to, and what priority it should be assigned. Triage is carried out by EC members appointed by the EC chair. Triage recommendations are submitted to the en banc EC and require EC approval, and may also require Board approval if there are scope questions or if a modification of the annual plan is required.

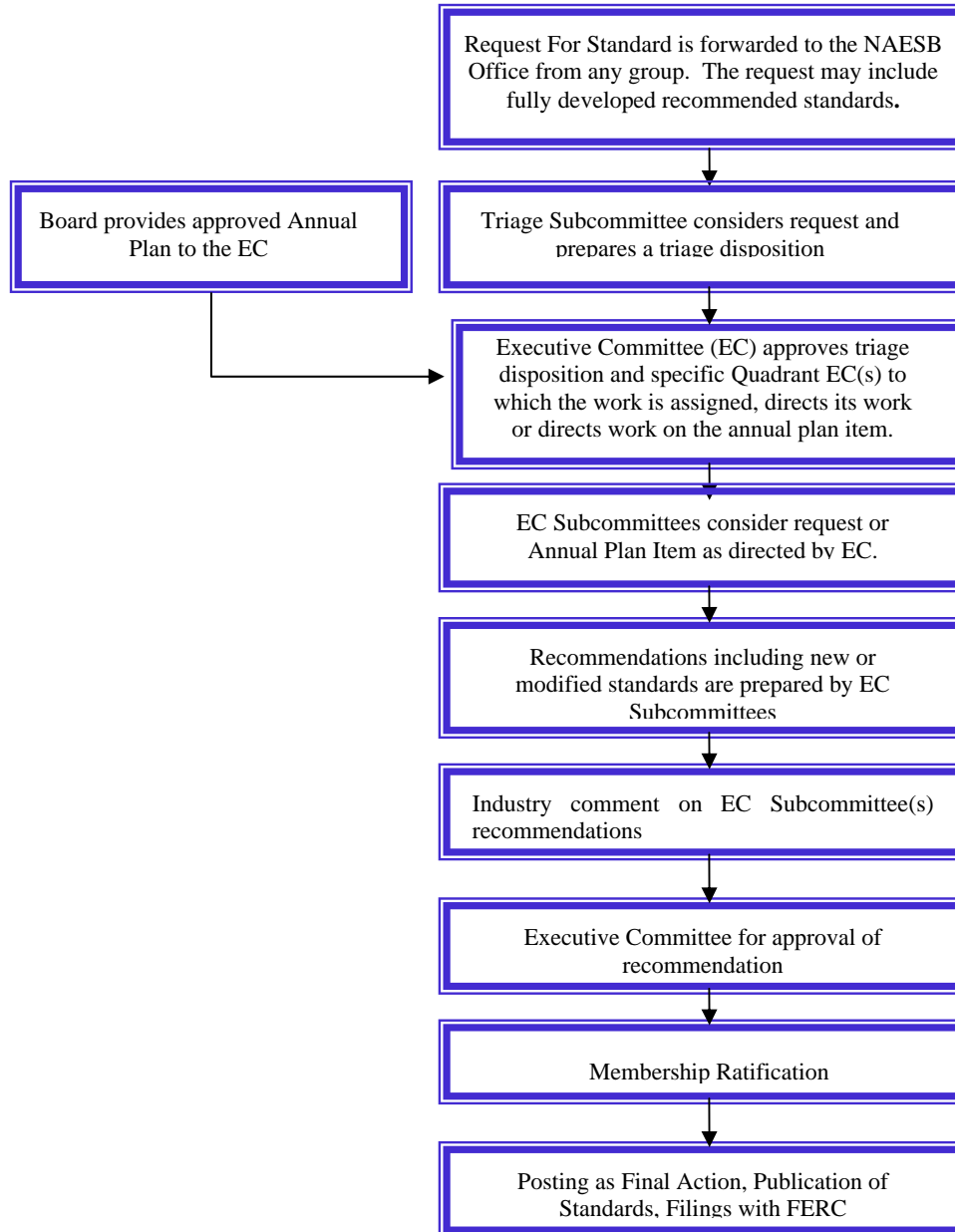
Once the triage process is completed, the subcommittees—more than one are normally involved in standards recommendations—review the request, compare it to existing standards, and prepare recommendations that may take the form of new or modified standards or interpretations. Participation in EC subcommittees is open to any interested party regardless of membership status. All subcommittee participants may vote; voting is balanced by segment and quadrant. All votes are public.

When the recommendation is complete, it is made available for a thirty-day industry comment period. The recommendation and comments are then forwarded to the EC, which considers the recommendation, makes any changes it deems necessary, and takes a vote. A recommendation must receive an affirmative vote of at least 67 percent from each applicable quadrant EC and 40 percent from each of the segments of the applicable quadrant(s).

After passage by the EC, the recommendation must be ratified by the NAESB members. An affirmative vote of 67 percent of the members of the applicable quadrant(s) is required for ratification. After ratification, standards and modifications are considered final actions and will be published in the next version of NAESB standards.

All NAESB quadrants follow the same development process described herein. The process has been followed by the WGQ since 1994 and has been used to develop more than five hundred standards that have been incorporated by reference into federal regulations.

North American Energy Standards Board
Standards Development Process Flow Chart



Flexibility

NAESB recognizes that flexibility is necessary as standards are developed to address regional concerns or to incorporate variances to accommodate operational or structural differences. Several WEQ standards incorporate regional or operational differences for both Version 0 and Version 1. There is a high threshold for incorporating such variances in a standard; the subcommittee(s) in drafting the standard, the EC in approving the subcommittee recommendation, and the membership in approving the standard must all agree that such variance is necessary. Nonetheless, NAESB procedures are well suited to take into account operational and regional differences.

Transparency

All NAESB meetings are open for attendance and participation by any interested party, with the exception of executive sessions of the Board or Managing Committee for purposes of discussing personnel, compensation or legal issues. Meeting announcements and agendas are posted in advance to permit the widest possible participation. Conference-calling capability is available for all meetings and web casting is available for most. Those intending to attend a meeting in person or by telephone are asked to notify NAESB by a specific date to permit adequate meeting planning.

Transcripts are made of all Board of Directors and EC meetings, and may also be made of other meetings that are expected to be controversial. Transcripts are maintained in the NAESB office and are provided to regulatory agencies for their internal use. All other interested parties can purchase transcripts from the relevant transcription service.

Coordination with NERC

For business practice standards development for the WEQ, if it is determined by NERC and NAESB Executive Management that joint development is needed by NERC and NAESB, the NERC-NAESB Coordination Joint Development Process is implemented.¹ This process requires that the appropriate NAESB Subcommittee and NERC Standards drafting team work together to develop reliability standards and business practices.

The Joint Interface Committee of NAESB, NERC and the ISO-RTO Council (“JIC”) was dissolved as part of the agreement to create the Independent Grid Operator segment of the WEQ. The joint development process between NAESB and NERC is being used to ensure appropriate coordination. The ISOs and RTOs have strong decision-making roles in both NERC and NAESB, and thus with the use of the joint development process, the JIC was no longer necessary.

Accessibility of Standards and Work Products

The NAESB standards and protected work products are accessible to members at no cost as a benefit of their membership. Non-members can purchase the standards as a full version, or they can purchase individual final actions. Non-members can also access the standards at no cost by requesting an evaluation copy. NAESB standards and protected work products are copyrighted. Non-members can download a NAESB materials order form from the NAESB web site for ordering standards or for instructions on accessing standards for evaluation.

End Notes WEQ 2009 Annual Plan:

¹ Dates in the completion column are by end of the quarter for completion by the assigned committee. 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.

² The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

³ The Electronic Scheduling Subcommittee and Information Technology Subcommittee (ESS/ITS) were merged together through a decision made at the May 12, 2009 WEQ EC meeting. The new subcommittee is named Open Access Same Time Information System Subcommittee (OASIS) and is now shown for assignments in this and future annual plans as OASIS. Similarly the Joint

¹ The NERC-NAESB Coordination Joint Development Process was submitted to the Commission on February 17, 2006 in Attachment C of the Progress Report on NAESB Activities impacting Docket No. RM05-5-000, “Standards for Business Practices and Communication Protocols for Public Utilities”: http://www.naesb.org/doc_view2.asp?doc=ferc021706.pdf.

Interchange Scheduling Working Group (JISWG) was renamed the Joint Electric Scheduling Subcommittee and now reports to the WEQ EC. JESS is now shown for assignments in this and future annual plans rather than JISWG. The changes took effect on August 1, 2009.

⁴ For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item:
http://www.naesb.org/pdf3/weq_aplan102907w1.pdf.

End Notes WEQ 2010 Annual Plan:

¹ 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.

² The assignments are abbreviated. The abbreviations and sub-committee structure can be found at the end of the annual plan document.

³ Energy efficiency may be a wholesale product, such as capacity. Energy efficiency in retail markets may be from individual energy efficiency measures at the project level or a portfolio of projects that make up an energy efficiency program.

⁴ For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item:
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Addendum NAESB Retail Electric Quadrant DSM-EE Standards

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April 30, 2011

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Addendum NAESB Retail Electric Quadrant DSM-EE Standards

Appendix A: DSM-EE Distribution List
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APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
November 2, 2009	DSM-EE Meeting, Baltimore, MD Hosted by BGE	Meeting Minutes: http://www.naesb.org/pdf4/dsmee110209fm.doc Attachment to Minutes: http://www.naesb.org/pdf4/dsmee110209attach.pdf	44
January 27, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_012710mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_012710a1.doc	9
February 18, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_021810mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_group2_021810a1.doc http://www.naesb.org/pdf4/dsmee_group2_021810a3.doc http://www.naesb.org/member_login_check.asp?doc=dsmee_group2_021810a2.doc	10
April 22, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_042210mn.doc Attachments to Notes: http://www.naesb.org/member_login_check.asp?doc=dsmee_group2_042210a1.doc http://www.naesb.org/pdf4/dsmee_group2_042210a2.doc	11
May 13, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_051310mn.doc Attachments to Notes: http://www.naesb.org/member_login_check.asp?doc=dsmee_group2_051310a1.doc http://www.naesb.org/pdf4/dsmee_group2_051310a2.doc	12
May 20, 2010	DSM-EE Meeting, Holyoke, MA Hosted by ISO New England	Meeting Minutes: http://www.naesb.org/pdf4/dsmee052010fm.doc	32

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
June 30, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_063010mn.doc	8
July 8, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary070810mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary070810a1.xls http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary070810a2.doc	15
July 9, 2010	DSM-EE Retail Demand Response Work Group Request for Informal Comments due July 23, 2010	Request for Informal Comments due July 23, 2010: http://www.naesb.org/pdf4/dsmee_group2_070910reqcom.doc Attachments to Informal Comments: http://www.naesb.org/pdf4/dsmee_group2_070910w1.doc http://www.naesb.org/pdf4/dsmee_group2_070910w2.doc Comments Submitted by Energy Curtailment Specialists: http://www.naesb.org/pdf4/dsmee_group2_070910ecs.pdf	8
July 27, 2010	DSM-EE Meeting, Baltimore, MD Hosted by BGE	Meeting Minutes: http://www.naesb.org/pdf4/dsmee072710fm.doc	32
August 11, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_081110mn.doc	8
September 1, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_090110mn.doc	10
September 15, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary091510mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary091510a1.xls	8
September 21, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_092110mn.doc	12

APPENDIX B – WEQ/RETAIL DSM EE SUBCOMMITTEE MEETING MINUTES LINKS			
DATE OF MEETING	MEETING LOCATION	MEETING MINUTES	NUMBER OF PARTICIPANTS
September 28, 2010	DSM-EE Meeting, Austin, TX Hosted by ERCOT	Meeting Minutes: http://www.naesb.org/pdf4/dsmee092810dm.doc	29
October 12, 2010	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_101210mn.doc Attachments to Notes: http://www.naesb.org/pdf4/dsmee_group2_101210a1.doc http://www.naesb.org/pdf4/dsmee_group2_101210a2.doc http://www.naesb.org/pdf4/dsmee_group2_101210a3.doc	10
October 22, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary102210mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary102210a1.xls	11
November 2, 2010	DSM-EE Joint Wholesale DR Work Group, Retail DR Work Group and Retail Glossary Subcommittee Conference Call with Web Conferencing	Meeting Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary110210mn.doc Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_group3_retail_glossary110210a1.xls	10
December 1, 2010	DSM-EE, Richmond, VA Hosted by Dominion Virginia Power	Meeting Minutes: http://www.naesb.org/pdf4/dsmee120110dm.doc	25
March 28, 2011	DSM-EE Retail Demand Response Work Group Conference Call with Web Conferencing	Meeting Notes: Attachment to Notes: http://www.naesb.org/pdf4/dsmee_group2_032811a1.doc http://www.naesb.org/pdf4/dsmee_group2_032811a2.pdf	

Appendix C: Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts
April 30, 2011

APPENDIX C – EXECUTIVE COMMITTEE MEETING MINUTES, COMMENTS, VOTING RECORDS LINKS AND AVAILABILITY OF TRANSCRIPTS			
DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
October 28, 2009	NAESB Executive Committee Meetings, Richmond, VA Retail EC Minutes: http://www.naesb.org/pdf4/retail_ec102809fm.doc	No comments requested or provided relating to the REQ DSM standards	Jill Vaughn, CSR - 281-853-6807
December 22, 2009	NAESB Retail Executive Committee Notational Ballot due January 15, 2010 Results: http://www.naesb.org/pdf4/retail_ec122209results.doc	No comments requested or provided relating to the REQ DSM standards	No transcripts provided as this was not a meeting – it was a notational ballot.
February 3, 2010	NAESB Executive Committee Meetings, Phoenix, AZ Retail EC Minutes: http://www.naesb.org/pdf4/retail_ec020310fm.doc	No comments requested or provided relating to the REQ DSM	Jill Vaughn, CSR - 281-853-6807
February 19, 2010	NAESB Retail Executive Committee Notational Ballot due March 5, 2010 Results: http://www.naesb.org/pdf4/wgq_req_rgq_ec021910results.doc	No comments requested or provided relating to the REQ DSM standards	No transcripts provided as this was not a meeting – it was a notational ballot.
May 5, 2010	NAESB Executive Committee Meetings, Harrisburg, PA Retail EC Minutes: http://www.naesb.org/pdf4/retail_ec050510fm.doc	No comments requested or provided relating to the REQ DSM	Jill Vaughn, CSR – 281-853-6807
June 7, 2010	NAESB Joint WEQ/REQ Executive Committee Single Topic Review Session (Conference Call with Web Conferencing) Meeting Minutes: http://www.naesb.org/pdf4/weq_req_ec060710mn.doc	No comments requested or provided relating to the REQ DSM standards	No transcripts provided for review session
June 16, 2010	NAESB Joint WEQ/REQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_req_ec061610fm.doc	No comments requested or provided relating to the REQ DSM standards	Jill Vaughn, CSR – 281-853-6807
August 18, 2010	NAESB Executive Committee Meetings, Colorado Springs, CO Retail EC Minutes: http://www.naesb.org/pdf4/retail_ec081810fm.doc	No comments requested or provided relating to the REQ DSM standards	Agren Blando Court Reporting – 303-296-0017

¹ The Federal Energy Regulatory Commission and other regulatory agencies may contact the NAESB office to obtain electronic copies of the transcripts. All others can contact the transcription service and order the transcripts for a nominal fee.

Appendix C: Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts
April 30, 2011

APPENDIX C – EXECUTIVE COMMITTEE MEETING MINUTES, COMMENTS, VOTING RECORDS LINKS AND AVAILABILITY OF TRANSCRIPTS			
DATE	LINK TO EXECUTIVE COMMITTEE MINUTES AND VOTING RECORDS	LINK TO COMMENTS	AVAILABILITY OF TRANSCRIPTS ¹
October 22, 2010	NAESB Joint WEQ/REQ Executive Committee Single Topic Conference Call with Web Conferencing Meeting Minutes: http://www.naesb.org/pdf4/weq_req_ec102210fm.doc	No comments requested or provided relating to the REQ DSM standards	Jill Vaughn, CSR – 281-853-6807
October 27, 2010	NAESB Executive Committee Meetings, Richmond, VA Retail EC Minutes: http://www.naesb.org/pdf4/retail_ec102710fm.doc	No comments requested or provided relating to the REQ DSM standards	Jill Vaughn, CSR – 281-853-6807
December 8, 2010	NAESB REQ Request for Formal Comments due January 14, 2011: Recommendation Retail 2010 Annual Plan Item 3c – M&V for Demand Response Programs: Redline: http://www.naesb.org/pdf4/retail_2010_api_3c_rec_redline.doc Clean: http://www.naesb.org/pdf4/retail_2010_api_3c_rec_clean.doc	Request for Formal Comments due January 14, 2011: http://www.naesb.org/pdf4/req_120810_reqcom.doc Comments Submitted by Duke Energy: http://www.naesb.org/pdf4/req_120810_duke_ene_rgv.doc Late Comments Submitted by Southern California Edison: http://www.naesb.org/pdf4/req_120810_sce.doc	No transcripts provided as this was not a meeting – it was a request for formal comments.
February 2, 2011	NAESB Executive Committee Meetings, Phoenix, AZ Retail EC Minutes: http://www.naesb.org/pdf4/retail_ec020211dm.doc	Recommendation: 2010 Retail Annual Plan Item 3(c) Phase 2: M&V for Demand Response Programs as approved by the REQ Executive Committee on February 2, 2011: http://www.naesb.org/member_login_form.asp?doc=req_rat021811_2010_retail_api_3_c_rec.doc	Jill Vaughn, CSR – 281-853-6807
March 25, 2011	NAESB REQ Executive Committee Notational Ballot due April 8, 2011 Results: http://www.naesb.org/pdf4/req_ec032511ballot_results.doc	MC11010: Minor Correction to Diagram for Meter Before/Meter After Definition (DSM-EE Standards): http://www.naesb.org/pdf4/req_mc11010.doc	No transcripts provided as this was not a meeting – it was a notational ballot.
April 13, 2011	NAESB Retail Executive Committee Notational Ballot due April 27, 2011	MC11012 - Minor Correction to Retail Books, Version 1.3, Business Definitions - updates reflect the most-recently approved definitions by the REQ Glossary Subcommittee: http://www.naesb.org/pdf4/retail_mc11012.doc	No transcripts provided as this was not a meeting – it was a notational ballot.

Appendix C: Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts
April 30, 2011

APPENDIX D – RATIFICATION BALLOT AND RATIFICATION RESULTS

DATE OF RATIFICATION	RATIFICATION BALLOT	RESULTS	FINAL ACTIONS
February 18, 2011	Ratification Ballot Due March 21, 2011: http://www.naesb.org/member_login_form.asp?doc=req_rat021811ballot.doc Recommendation: 2010 Retail Annual Plan Item 3(c) Phase 2: M&V for Demand Response Programs as approved by the REQ Executive Committee on February 2, 2011: http://www.naesb.org/member_login_form.asp?doc=req_rat021811_2010_retail_api_3_c_rec.doc	Ratification Tally: http://www.naesb.org/member_login_form.asp?doc=rat_req032111tally.xls	2010 Retail Annual Plan Item 3(c) Phase 2 Final Action: M&V for Demand Response: http://www.naesb.org/member_login_form.asp?doc=fa_2010_retail_api_3_c.doc

NORTH AMERICAN ENERGY STANDARDS BOARD
2009 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS
Approved by the NAESB Board of Directors on December 10, 2009

Item Number & Description ¹	Completion ²	Assignment ³⁴
1. Electronic Retail Billing. Develop Technical Electronic Implementation Standards and Data Dictionaries – Book 9: Customer Billing and Payment Notification via Uniform Electronic Transactions, (R05016 and Attachment , submitted by Wal-Mart/J.C. Penney) Status: Complete	2 nd Q, 2009	TEIS
2. Develop Technical Electronic Implementation Standards and Data Dictionaries – Book 8: Customer Information Status: Complete	2 nd Q, 2009	TEIS
3. Develop Technical Electronic Implementation Standards and Data Dictionaries – Book 10: Customer Enrollment, Drop and Account Information Change (Non Texas Model) Status: Complete	2 nd Q, 2009	TEIS
4. Customer Inquiries		
a. Develop Model Business Practices and procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. Status: Complete	2 nd Q, 2009	BPS
b. Develop Technical Electronic Implementation Standards to support MBPs for customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. Status: Complete – no standards needed	3 rd Q, 2009	IR/TEIS/Texas Task Force
5. Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program. Status: Not Started. Dependent upon publication of Version 1.1 at a minimum, but more dependent upon completion of Customer Choice efforts.	2 nd Q, 2010	Ad Hoc EC Certification Group
6. Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program. Status: Underway	Dates of individual tasks shown below	Joint WEQ/REQ DSM Subcommittee
a. Develop matrix and business practice standards for measurement and verification for demand response products and services in ISO/RTO footprint areas. Status: Completed	4 th Q, 2008	WEQ Section of the Joint WEQ/REQ DSM Subcommittee
b. Develop more detailed technical standards for the measurement and verification of demand response products and services in ISO-RTO footprint areas. Status: Underway	2010	WEQ Section of the Joint WEQ/REQ DSM Subcommittee
c. Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs.	3 rd Q, 2009	Joint WEQ/REQ DSM

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Item Number & Description ¹	Completion ²	Assignment ³⁴
Status: Completed		Subcommittee
d. Develop glossary for business practice standards Status: Ongoing	Ongoing	Joint WEQ/REQ DSM Subcommittee
e. Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Completed	3 rd Q, 2009	Retail Section of the Joint WEQ/REQ DSM Subcommittee
f. Develop business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard. Status: Upon further review, the task force has determined this work will be completed under Annual Plan Item 6g.	Combined with 6g	WEQ Section of the Joint WEQ/REQ DSM Subcommittee
g. Develop business practice standards to factor Demand Control and Energy Efficiency programs into reliability / supply decisions at the wholesale level for generation and transmission planning and operations. Status Underway (An estimated completion date will be established in 4 th Q after the new working group has been formalized)	2010	WEQ Section of the Joint WEQ/REQ DSM Subcommittee
h. Develop business practice standards to support cap and trade programs for green house gas. Status: Moved to Provisional Items. This item will not be addressed until Congress has addressed pending legislation.	Moved to Provision Items	Joint WEQ/REQ DSM Subcommittee
i. Support the second phase of retail development of model business practice standards for demand response programs Status: Not started	2010	Joint WEQ/REQ DSM Subcommittee
7. Revise the Trading Partner Agreement TPA by removing the Exhibits from the agreement and relegate such information as contained in the Exhibits to operational worksheet(s), (R08015). Status: Complete	2 nd Q, 2009	Joint Retail/WGQ Contracts
8. Billing and Payments		
a. Develop Process Flows to be included as models in book 3 – billing and payments Status: Underway	2 nd Q, 2010	BPS
b. If the development of Process Flows indicate a gap in the model business practices, then develop new model business practices to address the gap. Status: Underway	2 nd Q, 2010	BPS

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Item Number & Description ¹	Completion ²	Assignment ³⁴
9. Model Business Practices User Guide Add a new section to Book 0 to describe what Books have been developed, how the Books are laid out, and revised the title of the Book to reflect the additions Status: Started	3 rd Q, 2010	BPS
10. Additional Registration Agent Processes		
a. Review all existing Model Business Practices to determine if the Service Request process is already covered, and if necessary develop any new Model Business Practices required Status: Underway	4 th Q, 2009	BPS
b. Review all existing Model Business Practices to determine if the update Customer Information process is already covered, and if necessary develop any new Model Business Practices required Status: Underway	1 st Q, 2010	BPS
c. Review all existing Model Business Practices to determine if the disconnection and reconnection process is already covered, and if necessary develop any new Model Business Practices required. Status: Underway		
i. Create MBPs for disconnection/reconnection initiated by the supplier Status: Underway	4 th Q, 2009	BPS
ii. Create MBPs for disconnection/reconnection initiated by the distribution company Status: Underway	2 nd Q, 2010	BPS
d. Review all existing Model Business Practices to determine if the billing & payment process is already covered, and if necessary develop any new Model Business Practices required Status: Included in item 8	4 th Q, 2009	BPS
11. Supplier Certification Review Book 1 – Market Participant Interactions to determine if Supplier Certification is fully covered, and if necessary develop any new Model Business Practices required with the potential of moving all related Model Business Practices to a new Book Status: Not Started	4 th Q, 2010	BPS
12. Supplier Marketing Practices Develop Model Business Practices providing for a “Consumer Disclosure Statement” to be presented to residential and small commercial customers describing the Supplier’s service offering and related contract provisions. This statement would also identify how certain Supplier-Customer interactions are conducted. Amongst the topics to be considered for inclusion on the statement would be the following: • the most important terms of the Supplier agreement, such as the contract’s term and termination fee provisions;	4 th Q, 2010	BPS

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Item Number & Description ¹	Completion ²	Assignment ³⁴
<ul style="list-style-type: none"> • training and identification of Supplier marketing representatives; • protocols for Supplier in-person and telephone contacts with customers; • added measures for protecting non-English speaking customers; and • Processes for handling customer complaints and resolving disputes arising from Supplier marketing activities. <p>Status: Not Started</p>		
Program of Standards Maintenance & Fully Staffed Standards Work⁵		
Business Practice Requests	Ongoing	Assigned by the EC
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC
Ongoing Development and Maintenance of Definitions	Ongoing	Glossary

Provisional Activities

Joint Effort:

Supplier Certification: Develop practices for Distribution Companies to register/certify new Suppliers when they seek to begin doing business in the Distribution Company's service area.

Modify TPA as necessary.

Review security standards as may be deemed necessary, such as Public Key Infrastructure (PKI).

Review existing body of model business practices for consistency and develop or modify model business practices as needed.

Retail Electric Quadrant Effort Only:

Retail Meter Data Validation, Editing & Estimating: Develop procedures for insuring the integrity and validity of retail customer metering data that is needed by utilities and suppliers for billing, etc. Issues related to unbundled or competitive metering are not to be considered.

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 REQ.

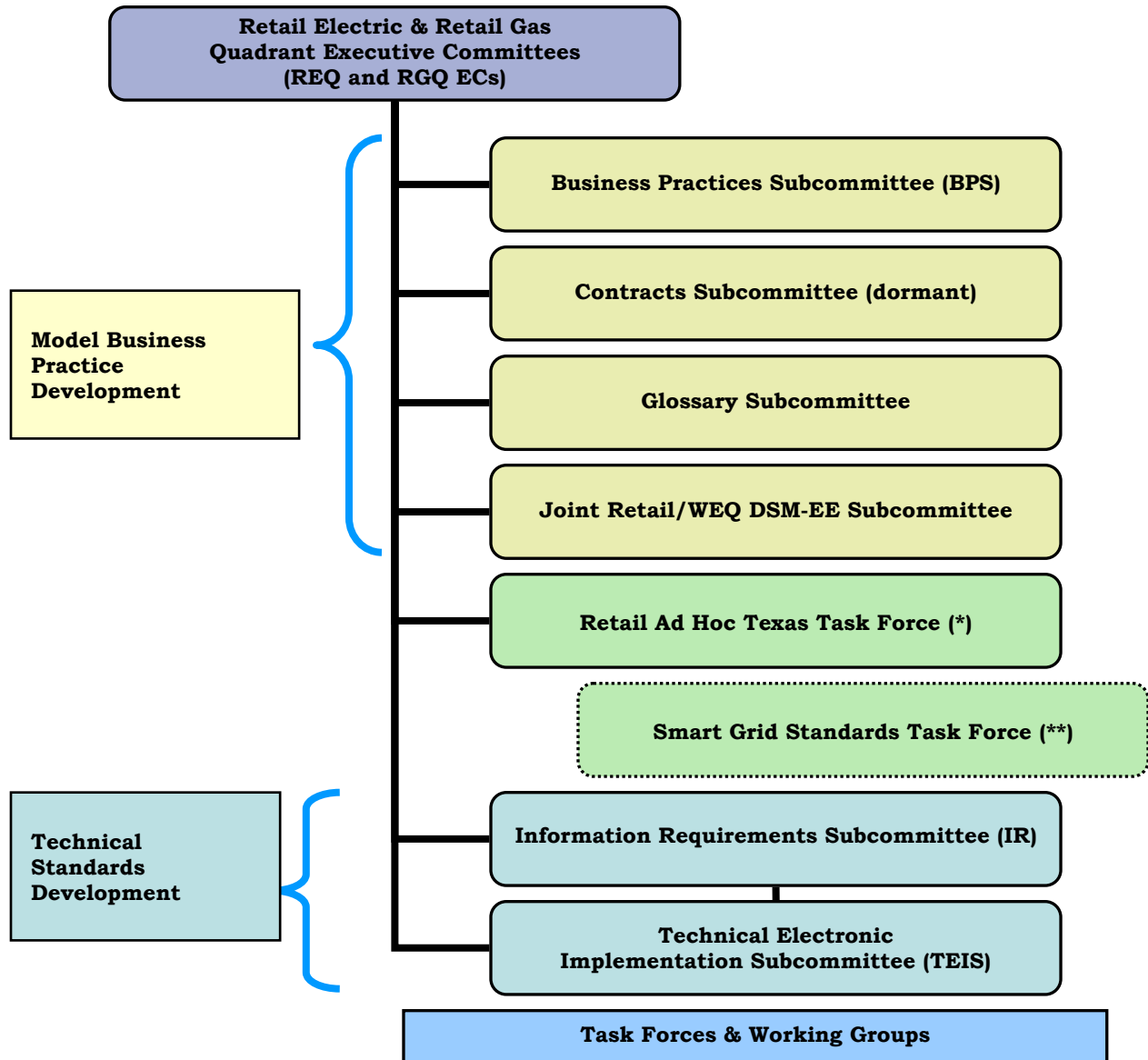
Develop business practice standards for cap and trade programs for green house gas (See action item 6h).

Retail Gas Quadrant Effort Only:

Examine Wholesale Gas Quadrant Non-EDM Standards for applicability to retail business practices.

Settlement Process: Reconcile energy schedules and energy delivered by suppliers within a given market.

RETAIL ELECTRIC & RETAIL GAS QUADRANT EXECUTIVE COMMITTEES AND SUBCOMMITTEES STRUCTURE



NAESB Retail Subcommittee Leadership: ⁶

Executive Committee: Mike Novak, Chair (RGQ), Ruth Kiselewich, Chair (REQ)

Business Practices Subcommittee: Phil Precht (RGQ), Mary Edwards and Dan Jones (REQ)

Information Requirements Subcommittee: Jennifer Teel (REQ)

Technical Electronic Implementation Subcommittee: TBD

Glossary Subcommittee: Don Sytsma (RGQ), Mary Edwards and Patrick Eynon (REQ)

DSM-EE Subcommittee: Ruth Kiselewich, David Koogler (REQ), Roy True (WEQ), and Paul Wattles (WEQ)

Retail Ad Hoc Texas Task Force: Debbie McKeever (REQ) and Susan Munson (REQ)

(*) The Retail Ad Hoc Texas Task Force may draft MBPs, process flows, implementation guides and technical standards supportive of the Registration Agent. The group is chaired by Debbie McKeever and Susan Munson.

(**) The Smart Grid Task Force is a joint group of the retail electric and wholesale electric quadrant with other standards development groups such as OASIS, CalConnect, FIX and UCAIug, and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports to the NAESB Board Smart Grid Strategic Steering Committee. The group is chaired by Brent Hodges, Wayne Longcore, Joe Zhou and Robert Burke.

¹ As outlined in the NAESB Bylaws, the REQ and RGQ will also address requests submitted by members and assigned to the REQ and RGQ through the Triage Process.

¹ Dates in the completion column are by end of the quarter for completion by the assigned committee. 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.

¹ The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

¹ The DSM-EE subcommittee is expected to be split into several separate subcommittees to support concurrent development of separate standards sets. The split is to take place at the end of May after which the assignments will be modified.

¹ This work is considered routine maintenance and thus the items are not separately numbered. The REQ and RGQ ECs will assign maintenance efforts on a request-by-request basis.

¹ The ECs and the subcommittees can create task forces and working groups to support their development activities for development of model business practices and technical standards.

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Item Number & Description ¹	Completion ²	Assignment ^{3,4}
1. Develop Technical Electronic Implementation Standards and Data Dictionaries – Book 10: Customer Enrollment, Drop and Account Information Change		
a.. For the Distribution Company Registration Model Registration Agent Model Status: Not Started	2011	TEIS
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. Status: Not Started. Dependent upon publication of Version 2.0 at a minimum, but more dependent upon completion of Customer Choice efforts, expected 1 st Q 2011 at the earliest.	2011	Ad Hoc EC Certification Group
3. Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program. The wholesale and retail demand response work groups and the Smart Grid Standards Subcommittees should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.		
a. Develop glossary for business practice standards Status: Ongoing	Ongoing	Joint WEQ/REQ DSM Subcommittee
b. Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets. ⁵ This includes developing business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard. Status: Underway	1stQ, 2011	Joint WEQ/REQ DSM-EE Subcommittee
c. Support the second phase of retail development of model business practice standards for demand response programs Status: Complete	4th Q, 2010	REQ Section of the Joint WEQ/REQ DSM Subcommittee
d. Create common interfaces and data structures necessary for enrolling DR sites into a DR program (Request No. R10002) Status: Underway	4 th Q, 2010	REQ Section of the Joint WEQ/REQ DSM Subcommittee with coordination with Smart Grid Standards Task Force and REQ BPS
4. Billing and Payments		
a. Develop Process Flows to be included as models in Book 3 – Billing and Payments Status: Completed	2 nd Q, 2010	BPS

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Item Number & Description ¹	Completion ²	Assignment ^{3,4}
b. If the development of Process Flows indicate a gap in the model business practices, then develop new model business practices to address the gap. Status: Completed	2 nd Q, 2010	BPS
5. Model Business Practices User Guide		
a. Add a new section to Book 0 to describe what Books have been developed, how the Books are laid out, and revised the title of the Book to reflect the additions Status: Completed	4 th Q, 2010	BPS
b. Develop process flows to support the user's guide Status: Not Started	2011	BPS
6. Additional Registration Agent Processes		
a. Review all existing Model Business Practices to determine if the Customer Information process is already covered, and if necessary develop any new Model Business Practices required Status: Completed	1 st Q, 2010	BPS
b. Review all existing Model Business Practices to determine if the disconnection and reconnection process is already covered, and if necessary develop any new Model Business Practices required. Status: Completed		
i. Create MBPs for disconnection/reconnection initiated by the supplier Status: Completed	4 th Q, 2009	BPS
ii. Create MBPs for disconnection/reconnection initiated by the distribution company Status: Completed	4 th Q, 2009	BPS
c. Review all existing Model Business Practices to determine if there are other Registration Agent Model processes not covered, and develop a prioritized list of those processes, if any. Status: Underway	2011	BPS
d. Develop Model Business Practices and Process Flows for those Registration Agent Model processes on the prioritized list developed in (c) above, if any. Status: Underway	2011	BPS
e. Develop Technical Electronic Implementation Standards and Data Dictionaries to support Model Business Practices of Book 14 – Service Requests, Disconnections and Reconnections in the registration Agent Model Status: Underway	2011	IR/TEIS
f. Develop Technical Electronic Implementation Standards and Data Dictionaries to support any Model Business Practices developed in (d) above Status: Underway	2011	IR/TEIS

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Item Number & Description ¹	Completion ²	Assignment ^{3,4}
7. Supplier Certification Develop practices to register/certify new Suppliers. Status: Underway	2011	BPS
8. Supplier Marketing Practices Develop Model Business Practices providing for a “Consumer Disclosure Statement” to be presented to residential and small commercial customers describing the Supplier’s service offering and related contract provisions. This statement would also identify how certain Supplier-Customer interactions are conducted. Amongst the topics to be considered for inclusion on the statement would be the following: <ul style="list-style-type: none"> • the most important terms of the Supplier agreement, such as the contract’s term and termination fee provisions; • training and identification of Supplier marketing representatives; • protocols for Supplier in-person and telephone contacts with customers; • added measures for protecting non-English speaking customers; and • Processes for handling customer complaints and resolving disputes arising from Supplier marketing activities. Status: Underway	1 st Q, 2011	BPS
9. Develop Smart Grid Wholesale and Retail Electric Standards		
a. Develop Requirements and Use Cases for PAP 03 – Pricing Model		
i. Phase 1 Status: Completed	1 st Q, 2010	Joint WEQ/REQ SGS Subcommittee
ii. Phase 2 Status: Completed	4 th Q, 2010	Joint WEQ/REQ SGS Subcommittee
b. Develop Requirements and Use Cases for PAP 04 – Scheduling Model		
i. Phase 1 Status: Completed	1 st Q, 2010	Joint WEQ/REQ SGS Subcommittee
ii. Phase 2 Status: Completed	4 th Q, 2010	Joint WEQ/REQ SGS Subcommittee
c. Develop Requirements and Use Cases for PAP 09 – Demand Response/Distributed Energy Resources		
i. Phase 1 Status: Completed	1 st Q, 2010	REQ Section of the Joint WEQ/REQ SGS Subcommittee
ii. Phase 2 Status: Completed	4 th Q, 2010	REQ Section of the Joint WEQ/REQ SGS Subcommittee

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Item Number & Description ¹	Completion ²	Assignment ^{3,4}
d. Develop standards to support PAP 10 – Standards Energy Usage Information		
i. Act as a convener (develop and implement a plan to expedite harmonized standards development and adoption within the associated standards bodies) and develop business practice standards as needed and assigned to NAESB for PAP 10 – Standard Energy Usage Information Status: Completed	2 nd Q, 2010	Joint WEQ/REQ PAP 10 SGS Subcommittee
ii. Develop Information Model and related business practices Status: Complete	4 th Q, 2010	Joint WEQ/REQ PAP 10 SGS Subcommittee
e. Develop standards to support inclusion of OpenADE requirements document into the NAESB Smart Grid standards (R10008), specifically to standardize the exchange of Energy Usage Information. Status: Underway	1st Q, 2011	REQ PAP 10 SGS Subcommittee Energy Services Provider Interface Task Force
10. Reserved (Items added under action item 6)		
11. Master List of Defined Terms: Review the definitions of all Defined Terms in Book 0 – Master List of Defined Terms, including other Ratified Terms not yet published, and revise the definitions of all Defined Terms not specifically related solely to the competitive marketplace to broaden their applicability to conform to NAESB’s expanded scope. Status: Completed	3 rd Q, 2010	Glossary

Program of Standards Maintenance & Fully Staffed Standards Work⁶

Business Practice Requests	Ongoing	Assigned by the EC
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC
Ongoing Development and Maintenance of Definitions	Ongoing	Glossary

Provisional Activities

Joint Effort:

Modify TPA as necessary.

Review security standards as may be deemed necessary, such as Public Key Infrastructure (PKI).

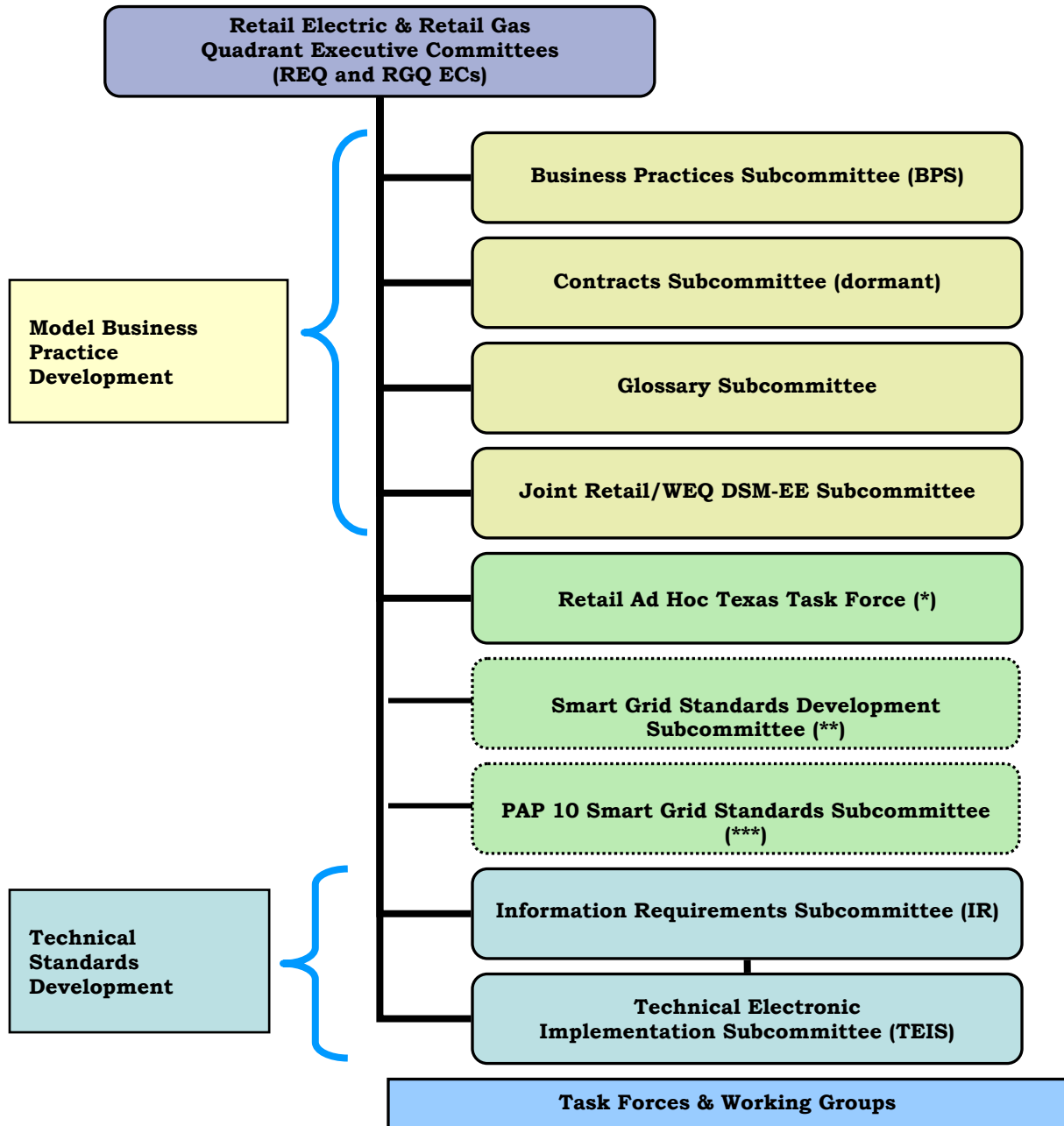
Review existing body of model business practices for consistency and develop or modify model business practices as needed.

Review and update the technical implementation of Book 3 – Billing and Payment

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Item Number & Description¹	Completion²	Assignment^{3,4}
Retail Electric Quadrant Effort Only:		
Retail Meter Data Validation, Editing & Estimating: Develop procedures for insuring the integrity and validity of retail customer metering data that is needed by utilities and suppliers for billing, etc. Issues related to unbundled or competitive metering are not to be considered.		
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 REQ.		
Develop business practice standards for cap and trade programs for green house gas (See action item 6h).		
Retail Gas Quadrant Effort Only:		
Examine Wholesale Gas Quadrant Non-EDM Standards for applicability to retail business practices.		
Settlement Process: Reconcile energy schedules and energy delivered by suppliers within a given market.		

RETAIL ELECTRIC & RETAIL GAS QUADRANT EXECUTIVE COMMITTEES AND SUBCOMMITTEES STRUCTURE



NAESB Retail Subcommittee Leadership: ⁷

Executive Committee: Mike Novak, Chair (RGQ), Phil Precht, Chair (REQ)

Business Practices Subcommittee: Phil Precht (RGQ), Dan Jones (REQ)

Information Requirements Subcommittee: Jennifer Teel (REQ)

Technical Electronic Implementation Subcommittee: TBD

Glossary Subcommittee: Patrick Eynon (REQ)

DSM-EE Subcommittee: Ruth Kiselewich, David Koogler (REQ), Roy True (WEQ), and Paul Wattles (WEQ)

Retail Ad Hoc Texas Task Force: Debbie McKeever (REQ) and Susan Munson (REQ)

(*) The Retail Ad Hoc Texas Task Force may draft MBPs, process flows, implementation guides and technical standards supportive of the Registration Agent. The group is chaired by Debbie McKeever and Susan Munson.

(**) The Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, CalConnect, FIX and UCAIug, and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the REQ EC. The group is chaired by Brent Hodges, Wayne Longcore, Joe Zhou and Robert Burke.

(***) The PAP 10 Smart Grid Standards Subcommittee is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, UCAIug, OpenADE, ZigBee, ASHRAE, EIS Alliance, NARUC and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports jointly to the NAESB Board Smart Grid Strategic Steering Committee and the REQ EC. The group is chaired by Brent Hodges, Phil Precht, Cathy Wesley/Heather Sanders, Sharon Dinges, David Kaufman, Brad Ramsay, Tobin Richardson and Ed Koch.

The PAP 10 Smart Grid Standards Subcommittee has created a Energy Services Providers Interface Task Force led by Dave Mollerstuen of Tendril, Steve Van Ausdall of Xtensible and Chad Maglaque of Xtreme Consulting Group to address the OpenADE request R10008.

The NAESB Standards Development Process

NAESB is focused on proposing, considering, and adopting voluntary standards and model business practices that will have a significant and lasting impact on all aspects of the natural gas and electricity marketplaces. As a result of the standards NAESB adopts, it is expected that the industry will operate more efficiently and effectively, benefiting both the industry and its customers. At the same time, it must be acknowledged that NAESB standards may constitute a change in the way parties do business, with an accompanying effect on the use and allocation of resources.

NAESB's policy is to move at a deliberate pace, consistent with its annual plan(s), thus permitting those affected by its standards, especially those standards adopted as regulations by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies, to assimilate them as part of their business practices. To this end, NAESB will carefully consider whether proposed standards are both timely and necessary. In particular, it will try to avoid adopting and implementing new standards, however beneficial, before the industry is able to reasonably make use of them.

The standards development process is governed by the annual plan, and items can be included in the plan or modified only with Board approval. The plan typically reflects requests from NAESB members, government agencies, and other interested parties. In approving the annual plan, the Board considers the availability of resources, including the NAESB budget and staff and the availability of industry volunteers. New requests received throughout the year are either considered part of the existing annual plan or as new items that require Board approval.

The standards development process begins with an annual plan item or a triaged and approved request. Triage is a process used by each quadrant of the Executive Committee (EC) to determine whether a request is within scope, which quadrant(s) it applies to, which subcommittee(s) it should be referred to, and what priority it should be assigned. Triage is carried out by EC members appointed by the EC chair. Triage recommendations are submitted to the en banc EC and require EC approval, and may also require Board approval if there are scope questions or if a modification of the annual plan is required.

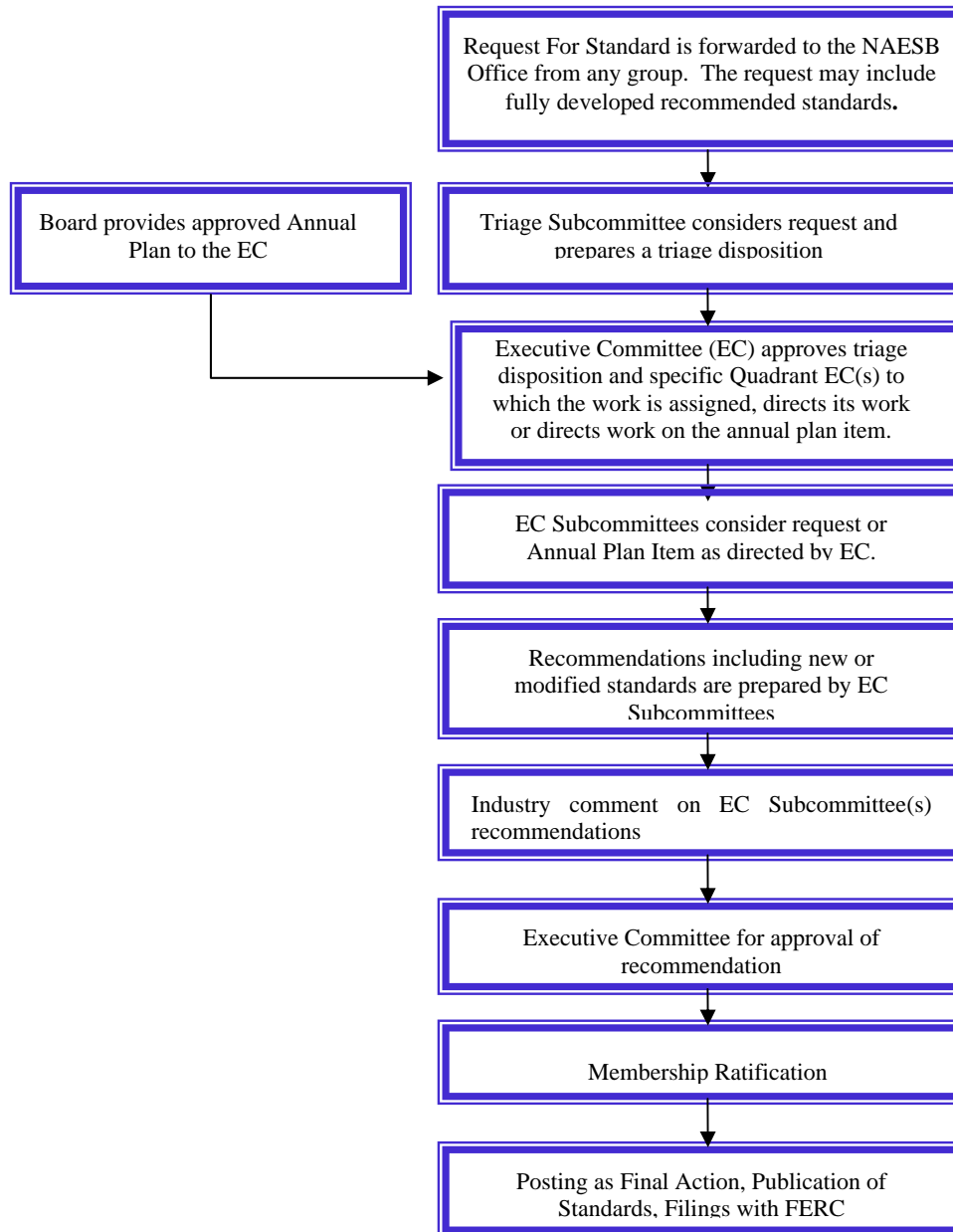
Once the triage process is completed, the subcommittees—more than one are normally involved in standards recommendations—review the request, compare it to existing standards, and prepare recommendations that may take the form of new or modified standards or interpretations. Participation in EC subcommittees is open to any interested party regardless of membership status. All subcommittee participants may vote; voting is balanced by segment and quadrant. All votes are public.

When the recommendation is complete, it is made available for a thirty-day industry comment period. The recommendation and comments are then forwarded to the EC, which considers the recommendation, makes any changes it deems necessary, and takes a vote. A recommendation must receive an affirmative vote of at least 67 percent from each applicable quadrant EC and 40 percent from each of the segments of the applicable quadrant(s).

After passage by the EC, the recommendation must be ratified by the NAESB members. An affirmative vote of 67 percent of the members of the applicable quadrant(s) is required for ratification. After ratification, standards and modifications are considered final actions and will be published in the next version of NAESB standards.

All NAESB quadrants follow the same development process described herein. The process has been followed by the WGQ since 1994 and has been used to develop more than five hundred standards that have been incorporated by reference into federal regulations.

North American Energy Standards Board
Standards Development Process Flow Chart



Flexibility

NAESB recognizes that flexibility is necessary as standards are developed to address regional concerns or to incorporate variances to accommodate operational or structural differences. Several WEQ standards incorporate regional or operational differences for both Version 0 and Version 1. There is a high threshold for incorporating such variances in a standard; the subcommittee(s) in drafting the standard, the EC in approving the subcommittee recommendation, and the membership in approving the standard must all agree that such variance is necessary. Nonetheless, NAESB procedures are well suited to take into account operational and regional differences.

Transparency

All NAESB meetings are open for attendance and participation by any interested party, with the exception of executive sessions of the Board or Managing Committee for purposes of discussing personnel, compensation or legal issues. Meeting announcements and agendas are posted in advance to permit the widest possible participation. Conference-calling capability is available for all meetings and web casting is available for most. Those intending to attend a meeting in person or by telephone are asked to notify NAESB by a specific date to permit adequate meeting planning.

Transcripts are made of all Board of Directors and EC meetings, and may also be made of other meetings that are expected to be controversial. Transcripts are maintained in the NAESB office and are provided to regulatory agencies for their internal use. All other interested parties can purchase transcripts from the relevant transcription service.

Coordination with NERC

For business practice standards development for the WEQ, if it is determined by NERC and NAESB Executive Management that joint development is needed by NERC and NAESB, the NERC-NAESB Coordination Joint Development Process is implemented.¹ This process requires that the appropriate NAESB Subcommittee and NERC Standards drafting team work together to develop reliability standards and business practices.

The Joint Interface Committee of NAESB, NERC and the ISO-RTO Council (“JIC”) was dissolved as part of the agreement to create the Independent Grid Operator segment of the WEQ. The joint development process between NAESB and NERC is being used to ensure appropriate coordination. The ISOs and RTOs have strong decision-making roles in both NERC and NAESB, and thus with the use of the joint development process, the JIC was no longer necessary.

Accessibility of Standards and Work Products

The NAESB standards and protected work products are accessible to members at no cost as a benefit of their membership. Non-members can purchase the standards as a full version, or they can purchase individual final actions. Non-members can also access the standards at no cost by requesting an evaluation copy. NAESB standards and protected work products are copyrighted. Non-members can download a NAESB materials order form from the NAESB web site for ordering standards or for instructions on accessing standards for evaluation.

¹ The NERC-NAESB Coordination Joint Development Process was submitted to the Commission on February 17, 2006 in Attachment C of the Progress Report on NAESB Activities impacting Docket No. RM05-5-000, “Standards for Business Practices and Communication Protocols for Public Utilities”: http://www.naesb.org/doc_view2.asp?doc=ferc021706.pdf.

Retail 2009 Annual Plan End Notes:

¹ As outlined in the NAESB Bylaws, the REQ and RGQ will also address requests submitted by members and assigned to the REQ and RGQ through the Triage Process.

² Dates in the completion column are by end of the quarter for completion by the assigned committee. 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.

³ The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

⁴ The DSM-EE subcommittee is expected to be split into several separate subcommittees to support concurrent development of separate standards sets. The split is to take place at the end of May after which the assignments will be modified.

⁵ This work is considered routine maintenance and thus the items are not separately numbered. The REQ and RGQ ECs will assign maintenance efforts on a request-by-request basis.

⁶ The ECs and the subcommittees can create task forces and working groups to support their development activities for development of model business practices and technical standards.

Retail 2010 Annual Plan End Notes:

¹ As outlined in the NAESB Bylaws, the REQ and RGQ will also address requests submitted by members and assigned to the REQ and RGQ through the Triage Process.

² Dates in the completion column are by end of the quarter for completion by the assigned committee. 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.

³ The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

⁴ The DSM-EE subcommittee is expected to be split into several separate subcommittees to support concurrent development of separate standards sets. The split is to take place at the end of May after which the assignments will be modified.

⁵ Energy efficiency may be a wholesale product, such as capacity. Energy efficiency in retail markets may be from individual energy efficiency measures at the project level or a portfolio of projects that make up an energy efficiency program.

⁶ This work is considered routine maintenance and thus the items are not separately numbered. The REQ and RGQ ECs will assign maintenance efforts on a request-by-request basis.

⁷ The ECs and the subcommittees can create task forces and working groups to support their development activities for development of model business practices and technical standards.