North American Energy Standards Board

Executive Committee Meeting

Retail Gas and Electric Quadrants

May 14, 2008

AGA Offices, Washington, DC

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

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	28	• 2007 AP Item 9 addressing Sandia findings, comments due January 14. No comments were received to date.	
	50	• 2008 Retail Annual Plan Item 3(i),(ii),and (iii) and attachment- Customer Enrollment, Drop and Account Information Change Using a Registration Agent, comments due May 5. Comments were received from Duke Energy.	
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TAB 1

Welcome and Opening Remarks

Retail Gas and Electric Quadrants EC Members & Terms

Schedule of 2008 Meetings

Draft Agenda

- This section of the meeting materials includes the welcome and opening remarks, the antitrust statement guidance, the EC members and alternates terms, the schedule of the 2008 meetings and the draft agenda.
- No action is required by the EC for any of these documents.
- The meeting materials are references for agenda item 1 of each of the quadrant meetings.
- Cory Galik will call roll to establish quorum and will serve as the attorney of record for the meeting.
- The REQ and RGQ EC chairs will entertain motions from the EC members of that quadrant to adopt the agenda. The motions to adopt are simple majority. No changes have been offered to the office since the agenda was distributed.

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

1. Welcome and Opening Remarks

The May Executive Committee meeting will be held in AGA offices in Washington, DC. Meeting arrangements and nearby hotels are posted and were contained in the meeting announcements.

Where:	AGA Offices: 400 North Capitol, Suite 450, Washington, D.C.
Contact:	Veronica Thomason, 713-356-0060
When:	Wednesday May 14-- 10:00 a.m. to 4:00 p.m. Eastern

The officers and meeting administration presiding over the Executive Committee meeting are:

Ruth Kiselewich	- REQ Chairman
Mike Novak	- RGQ Chairman
Rae McQuade	- President and COO
Cory Galik	- NAESB Counsel
Veronica Thomason	- NAESB Staff
ACE Federal	- Transcription Services

Transcripts will be available and can be ordered either during the meeting through ACE Federal or by contacting the NAESB office after the meeting for further information, 713-356-0060.

To participate by phone and web cast, please call the NAESB office (713-356-0060, naesb@naesb.org) for conference calling information.

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Antitrust Guidelines

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
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1. Antitrust Guidelines

- The antitrust guidelines will be covered by Ms. Cory Galik. The points are:

  Antitrust guidelines direct meeting participants to avoid discussion of topics or behavior that would result in anticompetitive behavior including: restraint of trade and conspiracies to monopolize, unfair or deceptive business acts or practices, price discriminations, division of markets, allocation of production, imposition of boycotts, and exclusive dealing arrangements.

  Any views, opinions or positions presented or discussed by meeting participants are the views of the individual meeting participants and their organizations. Any such views, opinions or positions are not the views, positions or opinions of NAESB, the NAESB Board of Directors, or any NAESB Committee or Subcommittee, unless specifically noted otherwise.

  As it is not the purpose of the meeting to discuss any antitrust topics, if anyone believes we are straying into improper areas, please let us know and we will redirect the conversation.

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

Retail Gas & Electric Quadrants EC Members & Terms

North American Energy Standards Board
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NORTH AMERICAN ENERGY STANDARDS BOARD
2008 EXECUTIVE COMMITTEE TERMS – Retail Electric Quadrant

SUPPLIERS SEGMENT		**TERM END:**
Bill Barkas	Manager of Retail State Government Relations, Dominion Retail, Inc.	12-31-2009
V A C A N C Y		12-31-2009
Jason Bear	Director – Market Advocacy, Direct Energy	12-31-2008
Jansen Pollock	Manager of Regulatory Affairs, Constellation NewEnergy	12-31-2008
DISTRIBUTORS SEGMENT		
Ruth Kiselewich	Director, Conservation Programs, Baltimore Gas & Electric Company (MAAC NERC Region)	12-31-2009
Terry Moran	Regulatory Issues Manager, PSEG (MAAC NERC Region)	12-31-2009
Judy Ray	Industrial Segment Manager – Contract Administrator, Alabama Power Company (SERC NERC Region)	12-31-2008
Mary Edwards	Senior Customer Choice Analyst – Regulation and Competition, Dominion Virginia Power (SERC NERC Region)	12-31-2008
END USERS SEGMENT		
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Controller, PPL Solutions LLC	12-31-2009
Jennifer Teel	Director – Business Solutions, EC Power	12-31-2009
Susan Munson	ERCOT Retail Market Liaison, Electric Reliability Council of Texas (ERCOT)	12-31-2008
V A C A N C Y		12-31-2008

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NORTH AMERICAN ENERGY STANDARDS BOARD
2008 EXECUTIVE COMMITTEE TERMS – Retail Gas Quadrant

SUPPLIERS SEGMENT		**TERM END:**
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2009
Richard Zollars	Director, Data and Billing, Dominion Retail, Inc.	12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2009
DISTRIBUTORS SEGMENT		
Dan Jones	Supervisor, Certified Supplier Business Center, Duke Energy	12-31-2009
V A C A N C Y		12-31-2009
Leslie H. Nishida	Manager Gas Regulatory Services, Wisconsin Public Services Corp.	12-31-2009
Michael Novak	Assistant General Manager, National Fuel Gas Distribution Corporation	12-31-2008
V A C A N C Y		12-31-2008
Phil Precht	Management Consultant, Pricing & Regulatory Services Department, Baltimore Gas and Electric Company	12-31-2008
END USERS SEGMENT		
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
SERVICE PROVIDERS SEGMENT		
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009

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NORTH AMERICAN ENERGY STANDARDS BOARD
2008 EXECUTIVE COMMITTEE ALTERNATES – Retail Electric Quadrant

Distribution Segment	
Keith P. Hock	Director ARES Business Center, Ameren Services
Thomas Kilgore	General Manager-Customer Service, Gulf Power Company
Dorman Davis	Mississippi Power Company
Ripley Newcomb	Manager – Conservation and Load Management Program, Dominion
William J. Welzant	Principal Supplier Services Analyst, Supplier Account Management, Baltimore Gas and Electric
End User Segment	
Bruce Hayes	Senior Regulatory Analyst, Ohio Consumers' Counsel
Services Segment	
Supplier Segment	

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2008 EXECUTIVE COMMITTEE ALTERNATES – Retail Gas Quadrant

DISTRIBUTORS SEGMENT	
Joe Stengel	Manager, Federal Regulatory Affairs, Philadelphia Gas Works
Mike McShane	Program Leader, Gas Choice Programs, Baltimore Gas Electric
END USERS SEGMENT	
SERVICE PROVIDERS SEGMENT	
SUPPLIER SEGMENT	
Paul Cherevka	Project Manager Data Warehouse, Dominion Retail

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

Schedule of 2008 Meetings

North American Energy Standards Board

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December 13, 2007

TO: NAESB Board of Directors and Interested Industry Participants
FROM: Rae McQuade, NAESB Executive Director
RE: Schedule of 2008 Meetings

Below is the schedule of 2008 meetings for the Executive Committee, Board of Directors and Advisory Council. Unless sponsors are noted for the meetings, they have been scheduled for Houston. Should other sponsors volunteer in the next few weeks for 2008, the Houston locations may change:

2008 Calendar of Board and EC Meetings

Date	Meeting	Location
February 4-5	EC Meetings WEQ	Houston – NAESB Office
February 16	Advisory Council Meeting	Washington D.C. in conjunction with the NARUC Winter meetings
February 29	EC Meetings – Joint WEQ and WGQ	Houston – NAESB Office
March 27	Board of Directors	Houston – Marriott IAH
May 13-15	Executive Committee Meetings (WEQ, Retail, WGQ)	Washington D.C. – AGA Offices
June 26	Board of Directors Meeting & Strategic Planning Session	Houston – Wyndham Greenspoint
August 19-21	Executive Committee Meetings (WEQ, Retail, WGQ)	Colorado Springs, CO – EPNG Offices
September 25	Board of Directors	Houston – Wyndham Greenspoint
November 4-6	Executive Committee Meetings (WEQ, Retail, WGQ)	Richmond – Dominion Offices
December 18	Board of Directors	Houston – Wyndham Greenspoint

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

Agenda

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NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING
RETAIL QUADRANTS DRAFT AGENDA
Wednesday, May 14, 2008 – 10:00 am to 4:00 pm E

1. Welcome
   - Antitrust Guidelines
   - Welcome to members and attendees
   - Quorum Establishment: Roll Call of Retail EC Members and Alternates
   - Adoption of Retail Agenda (simple majority)

2. Retail Gas & Electric Quadrants Draft Minutes
   - Adoption of Draft Minutes of November 7, 2007 Retail ECs Meeting (simple majority)

3. Discussion and consideration of recommendations for standards, comments submitted, and vote on:
   - R05016 -Standards or model business practices for electronic retail billing transactions and bill payment transactions between customers, suppliers, and utilities, (super majority)
     - Comments due May 5. No comments were received to date.
   - 2007 AP Item 9 addressing Sandia findings, (super majority)
     - Comments due January 14. No comments were received to date.
   - 2008 Retail Annual Plan Item 3(i),(ii),and (iii) and attachment- Customer Enrollment, Drop and Account Information Change Using a Registration Agent, (super majority)
     - Comments due May 5. Comments were received from Duke Energy.

4. DSM-EE Activities: no votes to be taken
   - DSM-EE efforts: Activity Report

5. Update on specific issues – no votes to be taken:
   - eTariff Update: Activity Report, FERC Notice of Proposed Rule-making, NAESB Report
   - FERC Order No. 698 effort: Activity Report

6. Subcommittee Updates and Plan Updates – no votes to be taken, except on changes suggested for the 2008 plan or if changes are suggested for the triage directions already approved by both Triage and the Retail ECs
   - Triage Subcommittee:
     - Dispositions 3-5-08, Comments from NGPL
     - R08012 – Add 2 detail (contract) level code values to Validation Code and Message elements in Nomination Quick Response dataset to generate an error message when nominated quantity is below EPSQ (WGQ)
     - R08013 Create a new Nominations Transaction Type code value to support Wheeling service on Rockies Express Pipeline LLC for Nominations and all related documents where Transaction Type appears (WGQ)
     - R08014 Create a new Nominations Transaction Type code value to support Operational Sales and Operational Purchases for Nominations and all related documents where Transaction Type appears (WGQ)
   - Business Practices Subcommittee (BPS): Maintenance and Scope Document
   - Information Requirements Subcommittee (IR) -- Technical support needs
   - Technical Electronic Implementation Subcommittee (TEIS) – Technical support needs
   - Glossary Subcommittee

7. Review, discuss, identify changes and vote to approve changes to the 2008 Annual Plan to be proposed to the Board of Directors

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NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING
RETAIL QUADRANTS DRAFT AGENDA
Wednesday, May 14, 2008 – 10:00 am to 4:00 pm E

8. Discuss reclassification of definitions and minor corrections before publication of Version 1.1

9. Board of Directors, Board Committee and Regulatory Updates (no votes or action to be taken)
   - Board Updates – March 27, 2008 Draft Meeting Minutes with discussion on segments and blocks
   - Wholesale Gas and Retail key activities – WGQ Annual Plan, WEQ Annual Plan, Bulletin
   - Regulatory Updates:
   - 4-15-08 eTariff NAESB submittal,
   - 4-17-08 FERC NOPR on eTariff,

10. New Business
    - Agenda items for August, including session on EC forum of roles and responsibilities

11. Adjourn

Attire – Business Casual

NORTH AMERICAN ENERGY STANDARDS BOARD

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TAB 2

Minutes

- Contained in this section is one set of minutes for approval:
  - 11-7-07 Draft Minutes
- There were no edits or redlines provided prior to the meeting.
- The REQ and RGQ EC chairs will entertain motions from the EC members of that quadrant to adopt the agenda. The motions to adopt are simple majority.
- The materials in Tab 2 correspond to agenda item 2.

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January 9, 2008

TO: NAESB Executive Committee and Interested Industry Participants

FROM: Ed Overtree, Meeting/Project Manager

RE: Draft Minutes of Retail Electric and Retail Gas Quadrants' Joint Executive Committee Meeting – November 7, 2007

Retail Electric and Retail Gas Quadrants'
Joint Executive Committee Meeting
Wednesday, November 7, 2007 – 10:00 am to 4:00 pm Central
NAESB Office, Houston, Texas
Draft Minutes

1. Welcome

Mrs. Novak called the meeting to order and welcomed the Executive Committee (EC) members and other participants. Mr. Overtree gave the antitrust guidance and called the rolls of the Retail Electric Quadrant (REQ) and Retail Gas Quadrant (RGQ) EC members. A quorum was established for both the REQ and RGQ.

2. Retail Quadrants Draft Agenda and Draft Minutes

Adoption of Joint Agenda: Mr. Novak suggested that "WEQ" should be deleted in item #4. Mr. Precht moved, seconded by Mr. Nishida, to adopt the agenda as so modified. The motion passed without opposition.

Adoption of Draft Minutes: Ms. Edwards moved, seconded by Mr. Precht, to adopt the draft minutes as the final minutes of the May 9, 2007 Joint EC meeting. The motion passed without opposition.

3. Consideration of Recommendations for standards on: WGQ 2007 AP 4; Retail 2007 AP 5 (MBPs); Retail 2007 AP 5 (technical implementation); and Retail AP 3a(iii)

Because the comment periods have expired on all four Recommendations, and no comments were received on any of them, the ECs considered all of them at the same time.

EC members had no questions on or additions to the Recommendations. However, as neither the REQ Suppliers nor Service Providers Segments were represented at the meeting in person, by phone or via notational ballot to the extent of 40%, the NAESB Office will solicit the votes of Ms. Teel and Messrs. Bear, Pollock and Minneman. All 11 EC members present in person or by phone at the meeting, as listed in section 11 below, recorded their Support of the adoption of all four Recommendations. After the meeting, Ms. Teel and Messrs. Minneman and Bear also recorded, via notational ballot, their Support of the adoption of all four Recommendations.

4. Subcommittees and Annual Plan Updates

Triage: Mr. Novak and Ms. McQuade described the activity since the last EC meeting, namely the discussion of the "minor corrections" option, in particular for EDI dataset code value changes. WEQ uses the option frequently, but WGQ has never used it.

Ms. McQuade pointed out that while permitted, the "minor correction" option is not required. Mr. Novak responded that WGQ's EC should consider at its meeting tomorrow whether or not to use the option to save meeting time, as some 26 of 29 items on tomorrow's agenda could be corrected without taking up meeting time.

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BPS: Mr. Precht reported that the BPS held two meetings and two conference calls since the last EC meeting, where it completed and voted out additional and modified MBPs regarding Customer Information (both business and technical), Account Information Change and process flow diagrams regarding Customer Enrollment using a Registration Agent. The latter took a lot of work, as they are different from those previously adopted for Enrollment by Distributors.

Following the process flow diagrams referenced above, BPS has so far agreed upon 41 MBPs for the Move-In, as well as 18 more for the Switch, sections of Customer Enrollment using a Registration Agent, currently BPS's top priority. BPS hopes to complete the Switch section and vote out the entire Customer Enrollment using a Registration Agent on December 4 or at the latest on January 15, 2008.

BPS currently has scheduled another meeting and two more conference calls through the end of February, 2008. At its next meeting, BPS expects to schedule seven additional meetings and conference calls during the balance of 2008.

Mr. Precht also explained five innovations BPS has adopted to meet its very aggressive drafting schedule: approving meeting minutes and updating participants on other NAESB activities via email; proceeding at the schedule start time even if some RSVPs join late; having lunch during the discussion instead of recessing; and communicating with all participants via www.rxqbps@mail.naesb.org.

Texas Task Force: Ms. Munson reported that Customer Enrollment is complete except for voting and that Customer Drop is drafted, but needs discussion with BPS. Ms. McQuade surmised that Customer Enrollment and Drop using a Registration Agent will not have technical implementation complete before third quarter 2008. Mr. Precht replied that he would check with TEIS on that. Ms. Munson added that since there's only on set of EDI communications in ERCOT (the only region currently using the single Registration Agent system), technical implementation may be faster than previous NAESB experience.

Information Requirements and Technical Electronic Implementation: Mr. Jones reported on the October 19 meeting he attended. He gave BPS's comments on the technical implementation MBPs regarding Billing and Payment via UET and heard TEIS participants plan to complete same at its November 16 meeting.

Mr. Behr pointed out a growing problem at IR and TEIS—participation is waning. His work responsibilities have changed and prevent his participation, his successor Dan Rothfuss retires in February, 2008 and Jennifer Teel and Kim Wall seem unable to participate as before. Ms. McQuade undertook to report this problem to the Board in December, and solicit more EDI specialist volunteers from member companies. She also suggested scheduling IR/TEIS meetings just before or just after BPS meetings, to build attendance.

Mr. Precht asked Ms. McQuade especially to solicit Leigh Spangler and Jim Buccigross, whose employers perform consulting EDI work for the wholesale and retail markets.

Glossary: Ms. Edwards reported that the Glossary Subcommittee held one meeting and three conference calls since the last EC meeting, where it considered definitions for the MBPs regarding Customer Information and Customer Enrollment using a Registration Agent.

Contracts: Ms. McQuade reported that there was no new activity in the Contracts Subcommittee.

DSM and Energy Efficiency: Ms. McQuade described the five Task Force meetings to date and reported that both the electricity and gas sides of NARUC have written NAESB to request a dialogue on energy efficiency at the NARUC upcoming meetings in Anaheim, CA. She is attending, to moderate a panel discussion there. She also reported a meeting at the North

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Carolina PUC yesterday, where she explained that the retail market cannot be omitted from DSM/EE measurement and verification. The NC Commissioners wanted to emphasize that while they support NAESB's work, they do not support mandatory requirements. Ms. McQuade assured the Commissioners, as she previously has many other commenters, that NAESB does not publish mandatory requirements on any subject, but wishes only to facilitate DSM and EE, **when and as** chosen by the States.

5. Identify and Vote to Adopt Proposed Changes to the 2007 Annual Plan: The ECs reviewed and updated each item as required by events since the Plan was last updated in February. The updates are marked on the redraft, which can be found at: http://www.naesb.org/pdf3/retail_ec110707a1.doc

6. Discuss ratification of MBPs piecemeal or bundled

The ECs discussed Ms. Ray's email with her and agreed that publishing business MBPs before their technical implementation is complete has caused problems for members.

Mr. Novak replied that the ECs had hoped that earlier publication would attract new Retail members, though the results have not been dramatic. He suggested news releases publicizing completion of MBPs, in lieu of publication, to realize the recruitment benefits yet avoid premature publication that has led to changes.

Ms. Ray agreed with Mr. Novak's suggestions, and Ms. McQuade agreed to withhold publication until any technical implementation is complete and any changes to the related MBPs reconciled.

Mr. Precht noted that technical implementation of Customer Enrollment, Drop and Account Information Change may not be complete for publication during 2008.

Mr. Novak also suggested asking IR/TEIS to identify any MBPs that will not require a technical implementation, so NAESB can publish those.

7. Review, discuss and vote to approve 2008 Annual Plan

Ms. Alexander asked that Item 8 received top priority, as DSM/EE has drawn and will continue to draw much more attention in the marketplace than customer enrollments, switches and drops. Ms. Alexander asked how and why renewables, green and greenhouse gases came to be added to Item 8.

Ms. McQuade agreed that Item 8 receive top priority, replied that NAESB Officers had requested the additions, and undertook to seek more detail and explanation of same at the December Board meeting.

Mr. Precht moved to approve the 2008 Annual Plan as modified and forward it to the Board of Directors for their consideration. Ms. Edwards seconded the motion. Both Retail ECs approved by consensus the 2008 Retail Annual Plan, as modified, which can be found at: http://www.naesb.org/pdf3/retail_ec110707a2.doc

8. Publication date for Version 1.1 and inclusion of items

Ms. McQuade asked when can we publish? Mr. Precht replied that the drafting, comments, EC approval and ratification timeline yields a date something in the third calendar quarter of 2008. Ms. McQuade confirmed that neither of the wholesale Quadrants will publish that quarter.

9. Board of Directors, Board Committee and Regulatory Updates

Ms. McQuade summarized all that has happened since the last ECs' meeting, as detailed at Tab 10 of the ECs' meeting materials.

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Mr. Precht alerted RGQ to changes being considered in the gas intraday nomination schedule, as they will also affect retailers if agreed. Mr. Novak undertook to monitor intraday nominations at WGQ EC and report back.

10. New Business

Mr. Precht reported on his visit to the most recent meeting of the Retail Structure Review Committee of the Board. There will be no merger of REQ and RGQ at this time, but if membership does not increase, merger will be required.

Ms. McQuade noted that merger will damage the DSM/EE effort, and Mr. Precht suggested that rationale be forwarded to the Chair of the Retail Structure Review Committee.

Ms. McQuade noted that present Retail ECs members and officers are being asked to stay on during 2008.

11. Adjourn

Mr. Precht moved to adjourn and Mr. Novak seconded the motion. The meeting was adjourned at 1:50 p.m. Central.

12. Attendance

Retail Gas Quadrant

SUPPLIERS SEGMENT		**Attendance**
Suzanne Calcagno	Director, Regulatory Compliance, UBS Energy, LLC	Absent
Richard Zollars	Director, Data and Information, Dominion Retail, Inc.	Phone
DISTRIBUTORS SEGMENT		
Leslie H. Nishida	Gas Federal Regulatory Supervisor, Wisconsin Public Service Corporation	In Person
Michael Novak	Assistant General Manager, National Fuel Gas Distribution Corporation	Phone
Phil Precht	Director of Gas Choice Programs – Pricing and Regulatory Services, Baltimore Gas and Electric Company	In Person
END USERS SEGMENT		
Barbara Alexander, Alt. for Vacancy	Consumer Affairs Consultant, rep. Indiana Office of Utility Consumer Counselor	Phone (p.m. only)
SERVICE PROVIDERS SEGMENT		
George M. Behr	Director, Energy Services Group, Inc.	Phone (p.m. only)

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Retail Electric Quadrant

SUPPLIERS SEGMENT		**Attendance**
Bill Barkas	Manager of Retail State Government Relations, Dominion Retail, Inc.	Phone
Jason Bear	Director – Market Advocacy, Direct Energy	Notational Ballot
Jansen Pollock	Manager of Regulatory Affairs, Constellation NewEnergy	Absent
DISTRIBUTORS SEGMENT		
Ruth Kiselewich	Director Special Projects and Supplier Services, Baltimore Gas and Electric Company (MAAC NERC Region)	Absent
Terry Moran	Regulatory Issues Manager, PSEG (MAAC NERC Region)	Absent
Judy Ray	Industrial Segment Manager – Contract Administrator, Alabama Power Company (SERC NERC Region)	Phone
Mary Edwards	Senior Customer Choice Analyst – Regulation and Competition, Dominion Virginia Power (SERC NERC Region)	Phone
END USERS SEGMENT		
Barbara Alexander	Consumer Affairs Consultant, State of Maine Public Advocate	Phone (p.m. only)
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Controller, PPL Solutions LLC	Notational Ballot
Jennifer Teel	Director – Business Solutions, EC Power	Notational Ballot
Susan Munson	Retail Market Liaison, ERCOT	In Person

Others

Name	**Organization**	**Attendance**
Dan Jones	Duke Energy	Phone
Bill Lohrman	FERC	Phone
Rae McQuade	NAESB	In Person
Ed Overtree	NAESB	In Person
Veronica Thomason	NAESB	In Person

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

TAB 3

Recommendations for Standards Actions

- Contained in this section are:
  - R05016 -Standards or model business practices for electronic retail billing transactions and bill payment transactions between customers, suppliers, and utilities. Comments due May 5. No comments were received to date.
  - 2007 AP Item 9 addressing Sandia findings, comments due January 14. No comments were received to date.
  - 2008 Retail Annual Plan Item 3(i),(ii),and (iii) and attachment- Customer Enrollment, Drop and Account Information Change Using a Registration Agent, Comments due May 5. Comments were received from Duke Energy.
- If additional comments are received after publication date, they will be provided separately as supplemental materials.
- The REQ and RGQ ECs will be asked to consider the recommendations for standards actions and the comments submitted for each action. The EC members can (1) accept with no changes, (2) accept with changes identified during the meeting, (3) remand back to the relevant subcommittees for further work, (4) postpone action to a later date, or (5) reject - a status quo position. Actions (1) and (2) require a super-majority vote – 67% affirmative vote of all seated REQ AND RGQ EC members, and 40% of all seated REQ AND RGQ EC members of each segment. Actions (3), (4) and (5) are simple majority votes.
- The materials in Tab 3 correspond to agenda item 3.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric and Retail Gas Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **R05016**
Request Title: **Customer Billing and Payment Notification via Uniform Electronic Transactions**

1. RECOMMENDED ACTION:

___Accept as requested
__X__Accept as modified below
___Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

__X__Change to Existing Practice
___Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:	**Per Recommendation:**
___Initiation	___Initiation
__X__Modification	__X__Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
___Principle	___Principle
___Definition	___Definition
__X__Business Practice Standard	__X__Business Practice Standard
___Document	___Document
___Data Element	___Data Element
___Code Value	___Code Value
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

During the technical development of the Ratified Model Business Practices for Customer Billing and Payment Notification via Uniform Electronic Transactions, the Joint REQ/RGQ Information Requirements and Technical Electronic Implementation Subcommittees identified a discrepancy between the Model Business Practices and the tecnical details. The discrepancy is that the industry does not send a “cancel” transaction when a cancel/rebill occurs. Instead, when a cancel/rebill occurs, a new invoice is sent out for the same period(s) and contains a note that it is a corrected bill. As a result, Model Business Practice RXQ.9.3.2.5 is being modified as shown below.

RECOMMENDED STANDARDS:

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric and Retail Gas Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **R05016**
Request Title: **Customer Billing and Payment Notification via Uniform Electronic Transactions**

RXQ.9.3.2.5 The cancel and re-bill process should be clear and reproducible, and should be communicated to the Customer by the Billing Party via Uniform Electronic Transaction containing a corrected bill indicator for the metering period(s) being corrected.

Deleted: s

Deleted: as follows:

Deleted: **<#>**A Uniform Electronic Transaction containing a cancellation code should be issued by the Billing Party to the Customer for each metering period when a bill is cancelled.¶
<#>A Uniform Electronic Transaction should be issued by the Billing Party to the Customer for the metering period(s) when a bill is re-issued. ¶

4. SUPPORTING DOCUMENTATION

a. Description of Request:

During the technical development of the Ratified Model Business Practices for Customer Billing and Payment Notification via Uniform Electronic Transactions, the Joint REQ/RGQ Information Requirements and Technical Electronic Implementation Subcommittees identified a discrepancy between the Model Business Practices and the tecnical details. The discrepancy is that the industry does not send a "cancel" transaction when a cancel/rebill occurs. Instead, when a cancel/rebill occurs, a new invoice is sent out for the same period(s) and contains a note that it is a corrected bill. As a result, Model Business Practice RXQ.9.3.2.5 must be modified. The Joint REQ/RGQ Information Requirements and Technical Electronic Implementation Subcommittees referred the matter to the Joint REQ/RGQ Business Practices Subcommittees for review.

b. Description of Recommendation:

The Joint REQ/RGQ Business Practices Subcommittees agreed with the determination of the Joint REQ/RGQ Information Requirements and Technical Electronic Implementation Subcommittees and recommend the modification to RXQ.9.3.2.5 as shown above.

c. Business Purpose:

See above

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric and Retail Gas Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **R05016**
Request Title: **Customer Billing and Payment Notification via Uniform Electronic Transactions**

The Joint REQ/RGQ Information Requirements and Technical Electronic Implementation Subcommittees discussed this matter during a conference call on January 8, 2008. The Joint REQ/RGQ Business Practices Subcommittees discussed the matter during the February 27, 2008 conference call. The Minutes of both conference calls are posted on the NAESB web site under the applicable subcommittee page. The Joint REQ/RGQ Business Practices Subcommittees voted to release the modified Model Business Practice RXQ.9.3.2.5 to the Joint REQ/RGQ Information Requirements and Technical Electronic Implementation Subcommittees for the development of technical implementation and also forward it to the Joint REQ/RGQ Executive Committee on February 27, 2008 by a vote of 8 In-favor and 0 Opposed.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
Requesters: WGQ EDM, REQ/RGQ IR/TEIS Subcommittees
Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

1. RECOMMENDED ACTION:

_X_ Accept as requested
___ Accept as modified below
___ Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

___ Change to Existing Practice
___ Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:	**Per Recommendation:**
_X_ Initiation	_X_ Initiation
___ Modification	_X_ Modification
___ Interpretation	___ Interpretation
___ Withdrawal	___ Withdrawal
___ Principle	_X_ Principle
___ Definition	_X_ Definition
___ Business Practice Standard	_X_ Business Practice Standard
_X_ Document	_X_ Document
___ Data Element	_X_ Data Element
___ Code Value	_____ Code Value
___ X12 Implementation Guide	___ X12 Implementation Guide
___ Business Process Documentation	___ Business Process Documentation

3. RECOMMENDATION

SUMMARY:

The NAESB WGQ Electronic Delivery Mechanism (EDM) subcommittee and the REQ/RGQ Technical Electronic Implementation subcommittee (TEIS) were tasked with reviewing the Sandia National Laboratories' security assesment of the NAESB Internet Electronic Transport (Internet ET) standards manual and their accompanying WGQ/REQ/RGQ Quadrant Electronic Delivery Mechanism (QEDM) standards manuals per WGQ Annual Plan item number 3 and REQ/RGQ Annual Plan item number 9.

The WGQ EDM and REQ/RGQ TEIS subcommittees created a response document that contains more detail and can be found, in its final form, NAESB Response to Sandia National Laboratories – Clean as a work paper to the December 07, 2007 WGQ EDM and RGQ/REQ TEIS meeting.

The following are the subcommittees' recommendations for new standards and changes to existing standards manuals in response to Sandia National Laboratories' findings. To indicate the changes, underlined text denotes additions to, strike-through text denotes deletion from, existing standards manual language.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
Requesters: WGQ EDM, REQ/RGQ IR/TEIS Subcommittees
Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

STANDARDS LANGUAGE:

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 13:

Security

NAESB Internet ET establishes several security measures as standards to ensure a minimum level of confidence in conducting business over the Internet, and to provide uniformity in the implementation of security. Four security concepts, often referred to by the acronym PAIN, are vital to protecting Internet ET packages:

- Data **P**rivacy
- **A**uthentication
- Data **I**ntegrity
- **N**on-repudiation

Data Privacy and Encryption

Privacy is the assurance to an entity that no one can read a particular piece of data except the receiver(s) explicitly intended. Data privacy is accomplished by encrypting payload files. Internet ET allows encryption using:

OpenPGP, defined by (IETF RFC 2440) with modifications described in this specification	**OR**	PGP 2.6 (minimum) or higher (strongly encouraged), with RSA keys can be used on a mutually agreed basis

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 13

~~If trading partners mutually agree to use signed Receipts, then the application would additionally attach a digital signature to the Receipt.~~

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 14:

Non-Repudiation

Non-repudiation is the assurance to an entity that a party cannot deny having engaged in the transaction, or having sent the electronic message. It is like a Notary seal. The Sender of a file ~~may optionally~~ will include in the Internet ET package a digital signature that is created using their Private Key. The Receiver knows the Sender is legitimate by decoding the digital signature using the Sender's Public Key.

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 15:

10.1.9 Trading Partners should mutually ~~select and~~ agree to either the current, or the immediately previous, published ~~use a~~ version of the NAESB Internet ET standards as a basis under which to operate, unless specified otherwise by an applicable regulatory authority. ~~government agencies. Trading Partners should also mutually agree to adopt later versions of the NAESB Internet ET standards, as needed, unless specified otherwise by government agencies~~ (4.1.39).

10.2.1 'Internet ET Testing'. Testing electronic packages between trading partners includes testing of: A) Connectivity; B) Encryption/Decryption; and C) Digital signatures ~~where appropriate (4.2.20)~~.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 16:

10.2.14 'Error Notification'. Error Notification is a package sent from the Receiver of the original data to the Sender when errors are trapped after the Internet ET Receipt is sent, for example, when~~. This is normally used for~~ decryption errors are detected after the Internet ET Receipt has been sent.

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 17:

10.2.24 'Exchange Failure'. An exchange failure is when a sending party's NAESB Internet ET server has had three or more protocol failures within a 30 minute period. ~~and no more than two hours~~.

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 18:

~~10.3.13 Three protocol failures within a 30-minute timeframe is an exchange failure.~~

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 19:

10.3.15 Trading partners should implement all security features (privacy, secure authentication, integrity, and non-repudiation) using a file-based approach using ~~via a commercially-available implementation of~~:

- An OpenPGP product as defined by IETF RFC 2440, or
- On a mutually agreed basis, PGP version 2.6 or greater using the RSA algorithm to generate keys

(4.3.15)

10.3.17 Encryption keys should be self-certified. The exchange of Public keys should be completed electronically such as via email. ~~The exchange of Private keys, if applicable, should be done in a secure manner such as via postal or courier mail.~~ Key policies, including key exchange policies should be communicated to trading partners.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 20:

10.3.x26 The Internet ET manual should be reviewed and updated for technology changes by the WGQ EDM and REQ/RGQ TEIS subcommittees, prior to the publication of the WGQ Standards manual and the REQ/RGQ Standards manual respectively. This review should be accomplished in sufficient time for review by the respective Executive Committees prior to publication.

10.3.x27 A decryption response should be sent no later than 60 minutes from the initial payload receipt, or within a timeframe as specified in each quadrant's QEDM standards.

10.3.x28 The information contained in the Technical Exchange Worksheet and Trading Partner Agreement as well as trading partner digital signature and encryption keys should be secured and considered 'company proprietary' or 'company confidential' information.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 22:

ELECTRONIC TRANSPORT LIFE CYCLE

The life cycle of an Electronic Package using Internet ET is described below:

Sender		Receiver
• Collects payload data to be sent • Encrypts payload • Prepares digital signature ~~if necessary~~		
• Uses browser to create Electronic Package multi-part HTTP Request with header data elements and payload. • Uses HTTP POST to send the electronic package to the Receiver	↘	
		• Receives the HTTP Request on their Web/HTTP Server • Validates Sender information from HTTP Request Header data elements and payload • **Decrypts payload file • Prepares Receipt • Checks digital signatures ~~if necessary~~

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 23:

ANATOMY OF AN INTERNET ET PACKAGE

An Internet ET package consists of the following sections:

- **Envelope header.** This section contains the envelope information needed to communicate who the Sender and Receiver are, as well as other envelope information.
- **Payload.** This section contains the payload file. Internet ET allows for only one payload file per package.
- **Digital Signatures.** ~~If used, the~~ The package should contain a section that is the digital signature.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 23:

~~If trading partners agree to implement signed receipts, then the~~ The sending party must include the 'receipt-security-selection' data element in the posted data. The receiving party must digitally sign the 'gisb-acknowledgement-receipt' and encapsulate the 'gisb-acknowledgement-receipt' and digital signature body parts within a MIME envelope with a 'content-type' of 'application/pgp-signature'.

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 24:

Data Dictionary for Internet ET

Business Name	Definition	Format	Usage*	Condition
receipt-security-selection	used to request signed receipts	signed-receipt-protocol=required,pgp-signature;signed-receipt-micalg=required,md5	in Request; M~~A~~	used in file transmittal and in posting error notifications

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 25:

transaction-set	name of the document type being sent	8 character code; refer to NAESB REQ and WGQ Implementation Guides, Related Standards Tab, Hypertext Transfer Protocol (HTTP) section, HTTP transaction-set Code Values table.	in Request; MA	used in file transmittal

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 28:

Abuse of Refnum and Refnum-orig

There is potential for abuse/error when using the functionality of these mutually-agreed data elements. Parties should monitor for the re-use of numbers used with both refnum and refnum-orig for the receipt and delivery functions.

Example of Abuse by re-using Renum in "First resend"

Package Send	refnum	refnum-orig
First send	123467890123456	123467890123456
First resend	123467890123456	123467890123456

Example of Abuse by Sending Bogus Renum-orig in "First resend"

Package Send	refnum	refnum-orig
First send	123467890123456	123467890123456
First resend	223467890123457	010101010101010

Example of Abuse by re-use Refnum and Renum-orig in "New package"

Package Send	refnum	refnum-orig
First send	123467890123456	123467890123456
First resend	223467890123457	123467890123456
New package	123467890123456	123467890123456

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 30:

Server Response

The Server will send a 'gisb-acknowledgement-receipt' in the HTTP Response to the Client before dropping the Client's connection. ~~If the transacting parties agree to use signed receipts, the~~ The Server applies a digital signature to the 'gisb-acknowledgement-receipt' and encapsulates the entire package in a MIME envelope of 'content-type: application/pgp-signature'.

Required Data Elements, Listed in the Required Order:

1. from
2. to
3. version
4. receipt-disposition-to
5. receipt-report-type
6. input-format
7. input-data
8. receipt-security-selection

Mutually Agreed Upon Data Elements

9. transaction-set
10. ~~receipt-security-selection~~
11. refnum
12. refnum-orig

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 35:

RECEIVING INTERNET ET PACKAGES

General Flow

The following is an example of the steps necessary to receive an Internet ET package:

1. Parse multi-part form
2. Validate HTTP Request data elements
3. If HTTP Request data elements in error, return appropriate Internet ET standard error code in the HTTP Response data elements
4. Save data
5. Create 'gisb-acknowledgement-receipt'
6. ~~If using signed~~Produce a digital signature over the 'gisb-acknowledgement-receipt' created in step 5.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 37:

~~If signed Receipts are used, the~~ The 'gisb-acknowledgement-receipt' including the 'multipart/report' envelope, is digitally signed, producing an 'application/pgp-encrypted' body part. Both the 'multipart/report' 'gisb-acknowledgement-receipt' and the 'application/pgp-signature' body parts are placed in a 'multipart/signed' envelope and the entire package is returned to the Sender.

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 41:

~~Additionally, trading partners are permitted to use digitally-signed error notifications, if both parties mutually agree to do so.~~

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 42 (last 2 bullet items):

- The first body part contains human readable content in HTML. The second body part contains machine readable content in plain text. ~~Additionally, consenting trading partners can mutually agree to digitally sign error notifications.~~

- ~~If digital signatures are used, the~~ The multipart/report containing the Error Notification is used to create a digital signature body part, identified by a 'content-type' of application/pgp-signature. Both the multipart/report Error Notification and application/pgp-encrypted digital signature body parts are combined in a multipart/signed envelope.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 45:

Understanding OpenPGP and PGP

Pretty Good Privacy (PGP) is the name of the chosen security application. OpenPGP is the Internet Engineering Task Force (IETF) standard version of PGP that excludes all patented algorithms, allowing free commercial use of the standard. Both OpenPGP and PGP use a Public Key/Private Key pair to secure and sign files for transfer. The Private Key must be known only to the company that generated it. The Public Key counterpart is shared with trading partners.

Each company must generate its Public Key and Private Key pair. The RSA key generation algorithm should be chosen for versions of PGP that offer alternatives. Implementers of OpenPGP should choose DSA and El Gamal when creating their key pair. The Public Keys should be distributed electronically to the company's trading partners. ~~Private keys are not typically exchanged with trading partners. In the event that a Private Key needs to be exchanged, the exchange should occur in a secure manner such as postal or courier mail.~~

You should never divulge your Private Key to another party ~~must use the utmost care in protecting your Private Key~~. If an un-trusted party has your Private Key, your security is compromised. It is recommended that a key size of 1024 be chosen when generating the key pair. This provides a significantly secure transaction.

When a company wishes to send transactions to its trading partner, it will use the partner's Public Key to encrypt the file. Encryption provides data privacy. Only the Private Key counterpart can decrypt this file.

When the sending party encrypts the file, it also uses its own Private Key to 'sign' the transaction. The receiving party can use the Sender's Public Key to verify the signature. The digital signature provides non-repudiation.

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 46:

Encryption and digital signatures are created using OpenPGP, or on a mutually agreed basis, PGP version 2.6 or greater. Regardless of encrypting in a manual or automated fashion, it is essential that the correct Public Key of the trading partner be used to encrypt and just as essential that the correct Sender's own Private Key be used to digitally sign the file.

~~Digital signatures may also be applied, on a mutually-agreed-upon basis, to the HTTP Response by the Receiver of the package.~~

Decryption / Digital Signature Verification

After a package is received and processed by the Receiving Program, it is ready to be decrypted and have its digital signature verified. Given the correct userID for a trading partner, OpenPGP/PGP uses the appropriate key pair to encrypt, sign and decrypt. Upon request for signature verification, the OpenPGP/PGP will return a human-readable descriptive text such as DUNS number or company name.

~~When digital signatures are applied, on a mutually-agreed-upon basis, the~~ The digitally signed HTTP Response received by the Sender of the transaction ~~may~~ should be verified to ensure non-repudiation of receipt of the transaction.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 51:

Internet ET Standard Error Codes and Messages

Validation Code	Description	Data Element	Data Element Required or Mutually Agreed
EEDM100	Missing 'from' Common Code Identifier code	From	required
EEDM101	Missing 'to' Common Code Identifier	To	required
EEDM102	Missing input format	input-format	required
EEDM103	Missing data file	input-data	required
EEDM104	Missing transaction set	transaction-set	mutually agreed
EEDM105	Invalid 'from' Common Code Identifier	From	required
EEDM106	Invalid 'to' Common Code Identifier	To	required
EEDM107	Invalid input format	input-format	required
EEDM108	Invalid transaction set	transaction-set	mutually agreed
EEDM109	No parameters supplied	Parameter string	required
EEDM110	Invalid 'version'	Version	required
EEDM111	Missing 'version'	Version	required
~~EEDM112~~	~~'receipt-security-selection' not mutually agreed~~	~~receipt-security-selection~~	~~mutually agreed~~
EEDM113	Invalid 'receipt-security-selection'	receipt-security-selection	~~mutually agreed~~required
EEDM114	Missing 'receipt-disposition-to'	receipt-disposition-to	required
EEDM115	Invalid 'receipt-disposition-to'	receipt-disposition-to	required
EEDM116	Missing 'receipt-report-type'	receipt-report-type	required
EEDM117	Invalid 'receipt-report-type'	receipt-report-type	required
EEDM118	Missing 'receipt-security-selection'	receipt-security-selection	~~mutually agreed~~required
EEDM119	Mutually agreed element, refnum, not present	Refnum	mutually agreed
EEDM120	Mutually agreed element refnum-orig not present	refnum-orig	mutually agreed
EEDM121	Duplicate refnum received	Refnum	mutually agreed
EEDM601	Public key invalid	file itself	required - security
EEDM602	File not encrypted	file itself	required - security
EEDM603	Encrypted file truncated	file itself	required - security
EEDM604	Encrypted file not signed or signature not matched	file itself	required - security
EEDM699	Decryption Error		required for general decryption errors not specifically identified by OpenPGP or PGP messages or exit codes
EEDM701	Sending party not associated with Receiving party		required
EEDM702	Package file format not recognized by Receiving party		required when the file format is not recognized by the receiver (e.g. not expecting 855 or not expecting Flat-File or XML)
EEDM703	Data set exchange not established for Trading Partner		required if the translator does not handle this exception
EEDM999	System error		required for general system errors to indicate severe errors in processing at the receiving site

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For Quadrant: WGQ/REQ/RGQ
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Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

Validation Code	Description	Data Element	Data Element Required or Mutually Agreed
WEDM100	Transaction set sent not mutually agreed	transaction-set	mutually agreed
~~WEDM102~~	~~'receipt-security-selection' not mutually agreed~~	~~receipt-security-selection~~	~~mutually agreed~~
WEDM103	Missing 'receipt-security-selection'	receipt-security-selection	~~mutually agreed~~required

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NAESB INTERNET ET MANUAL, VERSION 1.8, Page 55:

APPENDIX B – FREQUENTLY ASKED QUESTIONS

Q10:What does NAESB say about my organization's security?.....57

NAESB INTERNET ET MANUAL, VERSION 1.8, Page 57:

Q10: What does NAESB say about my organization's security?

A: NAESB Internet ET participants are encouraged to maintain their system security in such a manner that reduces the risk of unauthorized/malicious activity. However, NAESB does not dictate overall security requirements for individual companies. For further information on general security guidelines please reference the SANS (www.SANS.com) or NIST (www.NIST.com) websites.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
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Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

NAESB REQ/RGQ QEDM, VERSION 1.0, Page 64

RXQ.5.1.6 Trading Partners should mutually agree to ~~select~~ ~~and~~ use ~~a~~ either the current, or the immediately previous version of the NAESB RXQ model business practices under which to operate, unless specified otherwise by the Applicable Regulatory Authority.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
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Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

NAESB WGQ TRADING PARTNER AGREEMENT, VERSION 1.8, Exhibit Section, Page 2:

EXHIBIT ___

ELECTRONIC DATA INTERCHANGE TRADING PARTNER AGREEMENT

DATED _____
TO BE EFFECTIVE _____ (date)

3. Communication Specifics:
Company Name: _____
EDI Contact Phone Number: _____
Provider Name: _____
Receipt Computer URL (include host name or IP address, any non standard port, directory and program name as necessary): _____
Basic Authentication Userid: __(to be sent separately)_ _____
Basic Authentication Password: __(to be sent separately)_ _____
HTTP to/from Tag: _____
Is the "transaction set" supported in the HTTP envelope (Yes/No)? _____

Company Name: _____
EDI Contact Phone Number: _____
Provider Name: _____
Receipt Computer URL (include host name or IP address, any non standard port, directory and program name as necessary): _____
Basic Authentication Userid: (to be sent separately)_ _____
Basic Authentication Password: (to be sent separately) _____
HTTP to/from Tag: _____
Is the "transaction set" supported in the HTTP envelope (Yes/No)? _____

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
Requesters: WGQ EDM, REQ/RGQ IR/TEIS Subcommittees
Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

NAESB WGQ QEDM, VERSION 1.8, Page 28:

4.1.39 Trading Partners should mutually ~~select and utilize a~~ agree to use either the current, or the immediately previous, published version of the NAESB WGQ QEDM standards as a basis under which to operate, unless specified otherwise by an applicable regulatory authority. ~~government agencies. Trading Partners should also mutually agree to adopt later versions of the NAESB WGQ EDM standards, as needed, again unless specified otherwise by government agencies.~~

NAESB WGQ QEDM MANUAL, VERSION 1.8, Page 87:

Appendix B - MINIMUM TECHNICAL CHARACTERISTICS AND GUIDELINES FOR THE DEVELOPER AND USER OF THE CUSTOMER ACTIVITIES WEB SITE

Browser Characteristics (includes defined NAESB WGQ current versions):

Features as supported by the latest Generally Available (GA) versions of both Netscape®[1] and Internet Explorer®[3] within 9 months of such GA version becoming available, including -

- Frames & Nested Frames
- Tables & Nested Tables
- HTML
- Cookies
- JavaScript
- SSL 128-bit RSA Encryption
- Style Sheets

Plug-ins (GA versions within 9 months of such GA versions becoming available)

- JAVA®
- ActiveX® [4] (Plug-in for Netscape®)
- Adobe Acrobat Reader® [5]
- Systems Incorporated
- Independent Computer Architecture (ICA®) [6] - Protocol used for remote control access to an application

1 Netscape® is a registered trademark of Netscape Communications Corp.

3 Internet® Explorer is a registered trademark of Microsoft Corporation.

4 ActiveX® is a registered trademark of Microsoft Corporation.

5 Adobe®, Acrobat®, and Reader® are registered trademarks of Adobe.

6 ICA® is a registered trademark of Citrix Systems Inc.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
Requesters: WGQ EDM, REQ/RGQ IR/TEIS Subcommittees
Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

Operating Systems:

Operating systems on a client workstation should be multithreaded, ~~and~~ pre-emptive and should be the latest, stable version and service pack available as allowed in NAESB WGQ QEDM Appendices B and C.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
Requesters: WGQ EDM, REQ/RGQ IR/TEIS Subcommittees
Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

NAESB WGQ QEDM, VERSION 1.8, Page 92:

APPENDIX D - Minimum Technical Characteristics for EDM Communications

The following ports may be used by EDM developers and should be made available in user environments.

Allowable TCP Ports (not UDP ports)
- HTTP HTTPS 80, 443, 5713, 6112, 6304, 6874, 7403
- ICA® 1494
- RMI(Java®) 1099-1100
- Java® Telnet 31415
- ~~TCP Optional 8001-8020**~~
- SMTP 25

Allowable UDP Ports (not TCP ports)
- Secure ICA® 1604

Trading partners may mutually agree to use ports other than those specified above. Only ports necessary to transaction-related traffic should be opened, and they should be protected by network and system security controls. All other ports should be closed. There are other technologies available that would require additional ports to be opened, such as FTP and Telnet. If and when NAESB WGQ approves such technologies, this list will be modified accordingly. The client-side firewall implementation and client browser settings should permit the downloading and installation of NAESB WGQ approved plug-ins and modules. Please refer to the NAESB WGQ defined Minimum Technical Characteristics for Accessing Customer Activities Web Sites for the listing of NAESB WGQ approved plug-ins and modules.

~~**The reservation of 20 optional ports was to provide room for implementations such as DCE, IIOP, and load balancing implementations. TSPs should endeavor to minimize the usage of these ports.~~

ICA® is a registered trademark of Citrix Systems Inc.

JAVA® is a registered trademark of Sun Microsystems, Inc.

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: WGQ/REQ/RGQ
Requesters: WGQ EDM, REQ/RGQ IR/TEIS Subcommittees
Request No.: WGQ Annual Plan Item 3; REQ/RGQ AP Item 9

BUSINESS PROCESS DOCUMENTATION (for addition, modification or deletion of business process documentation language)

4. SUPPORTING DOCUMENTATION

a. Description of Request:

WGQ 2007 Annual Plan item number 3 - Develop or amend WGQ technical standards, as appropriate, to address to the DoE Sandia National Laboratories 2006 surety assessment findings and recommendations;

REQ/RGQ 2007 Annual Plan item number 9 - Address issues raised in the Department of Energy's Sandia National Laboratories on NAESB technical standards and respond to the surety assessment findings and recommendations.

b. Description of Recommendation:

WGQ EDM Subcommittee/REQ/RGQ TEIS Subcommittee:

See the WGQ EDM - REQ/RGQ TEIS meeting minutes, and attachments for the supporting documentation, discussion, and voting records for the following dates:

01/24/2007
02/16/2007
03/20/2007
03/30/2007
04/16/2007
04/20/2007
05/04/2007
05/17/2007
05/23/2007
07/16/2007
11/13/2007
12/07/2007

RECOMMENDATION - WGQ/REQ/RGQ EXECUTIVE COMMITTEES
For Quadrant: **WGQ/REQ/RGQ**
Requesters: **WGQ EDM, REQ/RGQ IR/TEIS Subcommittees**
Request No.: **WGQ Annual Plan Item 3; REQ/RGQ AP Item 9**

Motion: In response to WGQ Annual Plan item 3 and RXQ Annual Plan item 9 the WGQ EDM and RXQ IR/TEIS subcommittees submit the following recommendation to the respective Executive Committees for their consideration.

Vote: Unanimously Approved on December 7, 2007
Vote

WGQ	For	Against	Total	Balanced For	Balanced Against	Balanced Total
End Users	0	0	0	0.00	0.00	0
LDCs	0	0	0	0.00	0.00	0
Pipelines	1	0	1	1.00	0.00	1
Producers	0	0	0	0.00	0.00	0
Services	1	0	1	1.00	0.00	1
Total	**2**	**0**	**2**	**2.00**	**0.00**	**2**

REQ	For	Against	Total	Balanced For	Balanced Against	Balanced Total
Suppliers	0	0	0	0.00	0.00	0
Distributors	1	0	1	1.00	0.00	1
End Users	0	0	0	0.00	0.00	0
Ser Provider	0	0	0	0.00	0.00	0
Total	**1**	**0**	**1**	**1.00**	**0.00**	**1**

RGQ	For	Against	Total	Balanced For	Balanced Against	Balanced Total
Suppliers	0	0	0	0.00	0.00	0
Distributors	1	0	1	1.00	0.00	1
End Users	0	0	0	0.00	0.00	0
Serv Producers	0	0	0	0.00	0.00	0
Total	**1**	**0**	**1**	**1.00**	**0.00**	**1**

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

1. RECOMMENDED ACTION:

__X__Accept as requested
___Accept as modified below
___Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:
___Change to Existing Practice
__X__Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:

__X__Initiation
___Modification
___Interpretation
___Withdrawal

__X__Principle
__X__Definition
__X__Business Practice Standard
___Document
___Data Element
___Code Value
___X12 Implementation Guide
___Business Process Documentation

Per Recommendation:

__X__Initiation
___Modification
___Interpretation
___Withdrawal

__X__Principle
__X__Definition
__X__Business Practice Standard
___Document
___Data Element
___Code Value
___X12 Implementation Guide
___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

The Joint Retail Electric (REQ) and Retail Gas (RGQ) Quadrant's Business Practices Subcommittees (BPS) submit this Recommendation for 2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii) – Customer Enrollment, Drop and Account Information Change Using a Registration Agent. These Model Business Practices detail the processes for Customer Enrollment (which includes Move-ins as well as Switches), Drop (Move-outs), and Account Information Change for a competitive energy market in which there is a Registration Agent.

(See Attachment 1 for **RXQ.11.4 Models**-
http://naesb.org/pdf3/2008_retail_api3_i_ii_iii_rec_attach.ppt)

RECOMMENDED STANDARDS:

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

CUSTOMER ENROLLMENT, DROP, AND ACCOUNT INFORMATION CHANGE USING A REGISTRATION AGENT

Tab 1 -Executive Summary

This section presents a summary of the Model Business Practices for Customer Enrollment (which includes Move-Ins as well as Switches), Drop, and Account Information Change for a competitive energy market in which there is a Registration Agent. In this model, alternative energy providers, known as Suppliers, sell gas and/or electricity to end use Customers. The Supplier provides the energy by purchasing it and arranging for its delivery by the Distribution Company to the Retail Customer.

Customer Enrollment, Dropping and maintaining premise and Customer information processing encompasses a variety of interactions between Suppliers, Distribution Companies, and a Registration Agent. In a business environment where best practices are voluntary, Model Business Practices such as those included in this documentation may be applied within the context of regulatory or other market requirements and agreements.

Tab 2 -Version Notes

(Insert initial publication date)

Tab 3 –Introduction

The North American Energy Standards Board (NAESB) is a voluntary non-profit organization comprised of members from all aspects of the natural gas and electric industries. Within NAESB, the Retail Electric Quadrant (REQ) and the Retail Gas Quadrant (RGQ) focus on issues impacting the retail sale of energy to end-use customers. REQ / RGQ Model Business Practices are intended to provide guidance to Distribution Companies, Suppliers, and other Market Participants involved in providing competitive energy service to end-use Customers. The focus of these Model Business Practices is the processing of Customer Enrollment, Drop, and Account Information Change transactions.

These Model Business Practices are voluntary and do not address policy issues that are the subject of state legislation or regulatory decisions. These Model Business Practices have been adopted with the realization that as the industry evolves, additional and amended Model Business Practices may be necessary. Any industry participant seeking additional or amended Model Business Practices (including principles, definitions, data elements, process descriptions, and technical implementation instructions) should submit a request to the NAESB office, detailing the change, so that the appropriate process may take place to amend the Model Business Practice.

Tab 4 -Business Processes and Practices

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For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11 Overview

RXQ.11.1 Principles

RXQ.11.1.1 The processes for Customer Enrollment, Drop, and Account Information Change should be efficient to minimize the time and effort needed to accomplish these operational details.

RXQ.11.1.2 The processes for Customer Enrollment, Drop and Account Information Change should be consistent with the requirements set forth by the Applicable Regulatory Authority.

RXQ.11.1.3 The processes for Customers to enroll with and Drop from Suppliers should minimize the occurrence of unauthorized activity in the marketplace.

RXQ.11.1.4 A contract or agreement between Market Participants may establish different processes, timeframes, or operational requirements. Any conflict between these recommended processes and an applicable contract shall be resolved according to the provisions of the contract.

RXQ.11.1.5 These processes do not address communications between a Customer and a Supplier concerning the right of a Customer to cancel a contract prior to or subsequent to the issuance of an Enrollment Request.

RXQ.11.1.6 These processes do not address contractual obligations between Market Participants and their Customers.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

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Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11.2 Definitions

RXQ.0.2.xx **Account Information Change:** The process by which Market Participants notify each other of modifications to Customer account data.

RXQ.0.2.xx **Account Information Change Confirmation:** The Uniform Electronic Transaction used to notify the Market Participant that their Account Information Change Request has been accepted.

RXQ.0.2.xx **Account Information Change Effective Date:** The date on which a change in Customer account data becomes effective.

RXQ.0.2.xx **Account Information Change Rejection:** The Uniform Electronic Transaction used to notify the Market Participant that their Account Information Change Request has been denied.

RXQ.0.2.xx **Account Information Change Request:** The Uniform Electronic Transaction used to initiate an Account Information Change.

RXQ.0.2.1 **Applicable Regulatory Authority:** The state regulatory agency or other local governing body that provides oversight, policy guidance, and direction to any parties involved in the process of providing energy to retail access Customers through regulations and orders.

RXQ.0.2.xx **Cancel Enrollment Confirmation:** The Uniform Electronic Transaction used to notify the Supplier that its Cancel Enrollment Request has been accepted.

RXQ.0.2.xx **Cancel Enrollment Rejection:** The Uniform Electronic Transaction used to notify the Supplier that its Cancel Enrollment Request has been denied.

RXQ.0.2.xx **Cancel Enrollment Request:** The Uniform Electronic Transaction used to request termination of a Pending Enrollment.

RXQ.0.2.16 **Customer:** Any entity that takes gas and/or electric service for its own consumption.

RXQ.0.2.17 **Distribution Company:** A regulated entity which provides distribution services and may provide energy and/or transmission / transportation services in a given area.

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RXQ.0.2.xx **Drop:** The process of discontinuing responsibility for providing energy to a Customer from an existing Market Participant.

RXQ.0.2.xx **Drop Confirmation:** The Uniform Electronic Transaction used to notify the Market Participant that their Drop Request has been accepted.

RXQ.0.2.xx **Drop Effective Date:** The date on which the current Market Participant ceases to be responsible for providing energy to a Customer.

RXQ.0.2.xx **Drop Rejection:** The Uniform Electronic Transaction used to notify the Market Participant that their Drop Request has been denied.

RXQ.0.2.xx **Drop Request:** The Uniform Electronic Transaction used to initiate a Drop.

RXQ.0.2.xx **D-U-N-S® Number:** The D-U-N-S® Number is a 9-digit number assigned to companies by the Dun & Bradstreet Corporation. The D-U-N-S® +4 Number is a 10- to 13-digit number, where characters 10 through 13 are arbitrarily assigned by the owner of the D-U-N-S® Number.

RXQ.0.2.xx **Enrollment:** The process of designating a Market Participant that has the responsibility for providing energy to a Customer.

RXQ.0.2.xx **Enrollment Confirmation**: The Uniform Electronic Transaction used to notify the Market Participant that their Enrollment Request has been accepted.

RXQ.0.2.xx **Enrollment Effective Date:** The date on which a Market Participant becomes responsible for providing energy to a Customer.

RXQ.0.2.xx **Enrollment Rejection:** The Uniform Electronic Transaction used to deny an Enrollment Request.

RXQ.0.2.xx **Enrollment Request:** The Uniform Electronic Transaction used to initiate an Enrollment.

RXQ.0.2.xx **ESI ID (Electric Service Identifier):** See Service Delivery Indentification Number (SDID): A Distribution Company assigned alphanumeric identifier for meters and their locations. The SDID may contain digits and/or uppercase letters and can be used in place of an account number for electronic data interchange (EDI) transactions. A Customer account may have more than one SDID.

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RXQ.0.2.xx **Evaluation:** The process used by the Registration Agent and other Market Participants to determine which Enrollment will be effectuated in the event that there are multiple Pending Enrollments within a defined period of time.

RXQ.0.2.22 **Governing Documents:** Documents that determine the interactions among parties, including but not limited to: regulatory documents (e.g., tariffs, rules, regulations), contractual agreements, and Distribution Company Operational Manuals.

RXQ.0.2.xx **Inspection:** The process by which an Applicable Regulatory Authority verifies that the premise meets all requirements for connection to the Distribution Company's system for energy service.

RXQ.0.2.xx **Market Participant:** A party engaged in the process of providing competitive retail energy to end-use Customers including, but not limited to, the Distribution Company, the Supplier, the Registration Agent, the settlement agent, and the meter reading entity.

RXQ.0.2.xx **Move-in:** The process for designating a Market Particiapnt that has the responsibility for initially providing energy to a Customer at a premise.

RXQ.0.2.xx **Move-out:** See Drop

RXQ.0.2.xx **Notification of Inspection Required:** The Uniform Electronic Transaction used to notify a Market Participant that an Inspection is required for a premise.

RXQ.0.2.xx **Notification of Inspection Required Response:** The Uniform Electronic Transaction used to notify a Market Particiapant that the Notification of Inspection Required has been recieved.

RXQ.0.2.xx **Pending Enrollment:** An Enrollment Request that has been responded to with an Enrollment Confirmation, but has not reached its Enrollment Effective Date.

RXQ.0.2.xx **Registration Agent:** An entity other than the Distribution Company facilitating Customer registration and performing record keeping for a specified geographical area.

RXQ.0.2.xx **Rescission:** The process whereby a Customer causes a Pending Enrollment or Pending Drop to be canceled.

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RXQ.0.2.39 Supplier: Persons engaged in the competitive sale of energy to end-users.

RXQ.0.2.xx Switch: The process for changing the Market Participant that has responsibility for providing energy to a Customer at a premise.

RXQ.0.2.42 Uniform Electronic Transactions: Standard data arrangements for trading information, making business requests and exchanging other information, encompassing a number of electronic media and utilizing specified transport protocols.

RXQ.11.3 Model Business Practices

RXQ.11.3.1 General Practices for Customer Enrollment, Drop, and Account Information Change Using a Registration Agent

RXQ.11.3.1.1 Distribution Company, Supplier, and Registration Agent should be approved, certified and licensed, to the extent required by the Applicable Regulatory Authority and demonstrate the technical capability to exchange information electronically using Uniform Electronic Transactions and to meet the operational timeframes which have been defined to support market rules and regulatory requirements.

RXQ.11.3.1.2 When making changes to its information systems that may affect electronic data interchange, the Distribution Company, Supplier or Registration Agent making those changes should provide sufficient advance notification to the other party prior to implementation to allow them to adapt to the change.

RXQ.11.3.1.3 Suppliers must obtain authorization from Customers prior to enrolling and serving them.

RXQ.11.3.1.4 Distribution Company, Supplier, and Registration Agent should process Enrollment, Drop and Account Information Change transactions when submitted and according to approved market timeframes for transaction processing.

RXQ.11.3.1.5 When a Uniform Electronic Transaction is received, the receiving party should acknowledge receipt via Uniform Electronic Transaction within one business day or according to established market timeframes.

RXQ.11.3.1.6 Uniform Electronic Transactions for Enrollment, Drop, and Account Information Change should be submitted at the ESI ID level.

RXQ.11.3.1.7 Customer Enrollment, Drop, and Account Information Change processes should comply with the rules governing Customer protection as specified by the Applicable Regulatory Authority.

RXQ.11.3.2 Customer Enrollment Process (Move-In)

RXQ.11.3.2.1 Customer contacts Supplier to provide authorization for the Move-In process.

RXQ.11.3.2.2 The Supplier should send an Enrollment Request to the Registration Agent via Uniform Electronic Transaction within the required timeframe prior to the desired Enrollment Effective Date.

RXQ.11.3.2.3 An Enrollment Request should, at a minimum, contain the ESI ID and zip code to enable the Registration Agent to confirm that the Move-In is for a valid ESI ID.

RXQ.11.3.2.4 In addition to the ESI ID and zip code, an Enrollment Request for a Move-In should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- Customer name;
- Customer contact name and number;
- Customer notification name;
- Customer notification mailing address and zip code;
- Permit name, if applicable;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Billing type;
- Bill calculator;
- Service requested;
- Action or status indicator;
- Priority code;
- Move-in date;
- Historical usage request, and;
- Special needs indicator.

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RXQ.11.3.2.5 The Registration Agent will send an Enrollment Rejection via Uniform Electronic Transaction within the required timeframe containing the applicable rejection reason code if any of the following conditions exist;

- The ESI ID has not been confirmed by the Registration Agent;
- The Enrollment Request does not contain the required data elements, or;
- The Enrollment Request has been rejected by Evaluation.

RXQ.11.3.2.6 An Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Service requested;
- Historical usage request;
- Action or status indicator, and;
- Rejection reason code.

RXQ.11.3.2.7 Once the Enrollment Request for a Move-In is confirmed by the Registration Agent, the Registration Agent forwards the Enrollment Request to the Distribution Company via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.8 After receiving the Enrollment Request from the Registration Agent, the Distribution Company will confirm that the Move-in is for a valid ESI ID.

RXQ.11.3.2.9 If the ESI ID is not confirmed by the Distribution Company, the Distribution Company will send the Registration Agent an Enrollment Rejection via Uniform Electronic Transaction within the required timeframe containing the applicable rejection reason code.

RXQ.11.3.2.10 When an Enrollment Rejection for a Move-In is received by the Registration Agent from the Distribution Company, the Registration Agent forwards the Enrollment Rejection to the Supplier via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.11 After the Distribution Company confirms that the Enrollment Request is for a valid ESI ID, the Distribution Company determines

whether an Inspection is required. If required, the Distribution Company sends a Notification of Inspection Required to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.2.12 A Notification of Inspection Required should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;
- Customer name;
- Service address;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Inspection required indicator;
- Inspection party indicator, and;
- Special needs indicator.

RXQ.11.3.2.13 When a Notification of Inspection Required is received by the Registration Agent from the Distribution Company, the Registration Agent forwards the Notification of Inspection Required to the Supplier via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.14 After the pending Supplier receives a Notification of Inspection Required from the Registration Agent, the pending Supplier sends a Notification of Inspection Required Response to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.2.15 A Notification of Inspection Required Response should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number, and;
- Status code.

.

RXQ.11.3.2.16 When a Notification of Inspection Required Response is received by the Registration Agent from the Supplier, the Registration Agent forwards the Notification of Inspection Required Response to the

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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Distribution Company via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.17 If the pending Supplier receives a Notification of Inspection Required from the Registration Agent, the pending Supplier will inform the Customer that an Inspection is required.

RXQ.11.3.2.18 After being informed by the Supplier that an Inspection is required, the Customer contacts the Applicable Regulatory Authority requesting an Inspection.

RXQ.11.3.2.19 After receiving a Customer's request for an Inspection, the Applicable Regulatory Authority contacts the Distribution Company and provides the Inspection information after the Inspection has been completed.

RXQ.11.3.2.20 After receiving the Inspection Information, the Distribution Company updates its premise data with the Inspection information as applicable.

RXQ.11.3.2.21 The Distribution Company will send an Enrollment Confirmation containing the scheduled Enrollment Effective Date via Uniform Electronic Transaction to the Registration Agent if either of the following conditions exists:

- The ESI ID has been confirmed by the Distribution Company and no Inspection is required, or;
- The ESI ID has been confirmed with an Inspection required and the Inspection information has been received by the Distribution Company.

RXQ.11.3.2.22 An Enrollment Confirmation should contain the data elements found in RXQ.11.6. When known, the following information should be included:

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- ESI ID;
- Customer name;
- Service address;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or status indicator;
- Status reason;
- Historical usage request;
- Special needs indicator;
- Distribution Company billing cycle;
- Scheduled field completion date;
- Meter number;
- Distribution loss factor code;
- Premise type;
- Station ID;
- Unmetered service type;
- Distribution Company load profile;
- Distribution Company rate class;
- Distribution Company rate sub class;
- Distribution Company meter reading cycle;
- Meter type;
- Meter constant on usage register;
- Number of dials/digits on usage register;
- Off-peak usage information, if applicable;
- On-peak usage information, if applicable
- Meter constant on the demand register;
- Number of dials/digits on the demand register;
- Off-peak demand information, if applicable;
- On-Peak demand information, if applicable, and;
- Totalized metering information, if applicable.

RXQ.11.3.2.23 After receiving the Enrollment Confirmation from the Distribution Company, the Registration Agent forwards the Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier within the required timeframe.

RXQ.11.3.2.24 Once the new Supplier's Enrollment Request is accepted by the Registration Agent with an Enrollment Confirmation via Uniform Electronic Transaction, the Registration Agent will determine if the ESI ID

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is currently served by another Supplier. If there is not a current Supplier serving the ESI ID no further action is required.

RXQ.11.3.2.25 If the Registration Agent determines that the ESI ID is currently served by another Supplier, the Registration Agent should send a Drop Request via Uniform Electronic Transaction to the current Supplier, containing a Drop Effective Date coinciding with the Enrollment Effective Date of the new Supplier.

RXQ.11.3.2.26 A Drop Request should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Service requested;
- Action or status indicator;
- Drop reason, and;
- Service period end date.

RXQ.11.3.2.27 After receiving the Drop Request from the Registration Agent, the current Supplier will confirm that the Drop Request is for a valid ESI ID.

RXQ.11.3.2.28 After determining that the Drop Request is for a valid ESI ID, the current Supplier should send a Drop Confirmation via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.2.29 A Drop Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number, and;
- Action or status indicator.

RXQ.11.3.2.30 If the current Supplier determines that the Drop Request is not for a valid ESI ID, the current Supplier should send a Drop Rejection via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.2.31 A Drop Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;

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- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Action or status indicator, and;
- Drop Rejection reason.

RXQ.11.3.2.32 If the Customer contacts the pending Supplier and requests cancellation of the Move-in, the pending Supplier should send a Cancel Enrollment Request via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.2.33 A Cancel Enrollment Request should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Customer name;
- Service address zip code;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number, and;
- Distribution Company name and D-U-N-S Number;
- Action or status indicator;
- Status reason code, and;
- Status reason description.

RXQ.11.3.2.34 Once the Registration Agent determines that the Cancel Enrollment Request can be honored, the Registration Agent should forward the Cancel Enrollment Request to the Distribution Company via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.35 If the Registration Agent determines that the Cancel Enrollment Request cannot be honored, the Registration Agent should send a Cancel Enrollment Rejection to the pending Supplier via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.36 Once the Distribution Company receives the Cancel Enrollment Request and determines that it can be honored, the Distribution Company should send a Cancel Enrollment Confirmation to the Registration Agent via Uniform Electronic Transaction within the required timeframe and cancel the Pending Enrollment in its information system.

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RXQ.11.3.2.37 A Cancel Enrollment Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or status indicator;
- Status reason code, and;
- Status reason description.

RXQ.11.3.2.38 If the Distribution Company receives the Cancel Enrollment Request and determines that it cannot be honored, the Distribution Company should send a Cancel Enrollment Rejection to the Registration Agent via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.2.39 A Cancel Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or status indicator;
- Status reason code;
- Status reason description;
- Rejection code, and;
- Rejection description.

RXQ.11.3.2.40 After receiving the Cancel Enrollment Rejection from the Distribution Company, the Registration Agent should forward the Cancel Enrollment Rejection via Uniform Electronic Transaction to the pending Supplier and cancel the Pending Enrollment in its information system.

RXQ.11.3.2.41 After receiving the Cancel Enrollment Confirmation from the Distribution Company, the Registration Agent should forward the Cancel Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier and cancel the Pending Enrollment in its information system.

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RXQ.11.3.3 Customer Enrollment Process (Switch)

RXQ.11.3.3.1 Customer contacts Supplier to provide authorization for the Switch process.

RXQ.11.3.3.2 The Supplier should send an Enrollment Request to the Registration Agent via Uniform Electronic Transaction within the required timeframe prior to the desired Enrollment Effective Date.

RXQ.11.3.3.3 An Enrollment Request should, at a minimum, contain the ESI ID and zip code to enable the Registration Agent to confirm that the Switch is for a valid ESI ID.

RXQ.11.3.3.4 In addition to the ESI ID and zip code, an Enrollment Request for a Switch should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name;
- Customer contact name and number;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Billing type;
- Bill calculator;
- Service requested;
- Action or status indicator;
- Historical usage request;
- Rescission period waiver (yes/no), and;
- Special needs indicator.

RXQ.11.3.3.5 The Registration Agent will send an Enrollment Rejection to the pending Supplier via Uniform Electronic Transaction within the required timeframe containing the applicable rejection reason code if any of the following conditions exist;

- The ESI ID has not been confirmed by the Registration Agent;
- The Enrollment Request does not contain the required data elements, or;
- The Enrollment Request has been rejected by Evaluation.

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RXQ.11.3.3.6 An Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Service requested;
- Action or status indicator;
- Historical usage request, and;
- Rejection reason code.

RXQ.11.3.3.7 Once the Enrollment Request for a Switch is confirmed by the Registration Agent, the Registration Agent forwards the Enrollment Request to the Distribution Company via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.3.8 In addition, after confirming the Enrollment Request, the Registration Agent mails a notification letter to the Customer if required by the Applicable Regulatory Authority. The letter notifies the Customer of the Pending Enrollment, the name of the requesting Supplier, the method to rescind the Pending Enrollment and the deadline of the Rescission period.

RXQ.11.3.3.9 After receiving the Enrollment Request from the Registration Agent, the Distribution Company will confirm that the Switch is for a valid ESI ID.

RXQ.11.3.3.10 If the ESI ID is not confirmed by the Distribution Company, the Distribution Company should send the Registration Agent an Enrollment Rejection via Uniform Electronic Transaction within the required timeframe containing the applicable rejection reason code.

RXQ.11.3.3.11 When an Enrollment Rejection for a Switch is received by the Registration Agent from the Distribution Company, the Registration Agent forwards the Enrollment Rejection to the Supplier via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.3.12 The Distribution Company should send an Enrollment Confirmation containing the scheduled Enrollment Effective Date via

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Uniform Electronic Transaction to the Registration Agent if all of the following conditions exist:

- The ESI ID has been confirmed by the Distribution Company;
- The Enrollment Request contains the required data elements, and;
- The Enrollment Request has passed Evaluation.

RXQ.11.3.3.13 An Enrollment Confirmation should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;
- Customer name;
- Service address;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or status indicator;
- Status reason;
- Historical usage request;
- Special needs indicator;
- Distribution Company billing cycle;
- Scheduled field completion date;
- Meter number;
- Distribution loss factor code;
- Premise type;
- Station ID;
- Unmetered service type;
- Distribution Company load profile;
- Distribution Company rate class;
- Distribution Company rate sub class;
- Distribution Company meter reading cycle;
- Meter type;
- Meter constant on usage register;
- Number of dials/digits on usage register;
- Off-peak usage information, if applicable;
- On-peak usage information, if applicable;
- Meter constant on the demand register;
- Number of dials/digits on the demand register;
- Off-peak demand information, if applicable;
- On-Peak demand information, if applicable, and;
- Totalized metering information, if applicable.

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RXQ.11.3.3.14 The Registration Agent should forward an Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier within the market-defined timeframe.

RXQ.11.3.3.15 Once the pending Supplier's Enrollment Request is accepted by the Registration Agent, the Registration Agent should send a Drop Request to the Supplier currently serving the ESI ID via Uniform Electronic Transaction and include a Drop Effective Date coinciding with the Enrollment Effective Date of the new Supplier.

RXQ.11.3.3.16 A Drop Request from the Registration Agent to the current Supplier should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Service requested;
- Action or status indicator;
- Drop reason, and;
- Service period end date.

RXQ.11.3.3.17 If the current Supplier determines that the Drop Request is not for a valid ESI ID, the current Supplier should send a Drop Rejection via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.3.18 A Drop Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Action or status indicator, and;
- Drop Rejection reason.

RXQ.11.3.3.19 If the current Supplier determines that the Drop Request is for a valid ESI ID, the current Supplier should send a Drop Confirmation via Uniform Electronic Transaction to the Registration Agent.

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RXQ.11.3.3.20 A Drop Confirmation from the current Supplier should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number, and;
- Action or status indicator.

RXQ.11.3.3.21 If the Customer receives a notification letter regarding their Pending Enrollment and chooses to request Rescission, the Customer may do so by contacting either the Registration Agent or the Supplier within the Rescission period.

RXQ.11.3.3.22 If the Customer contacts the Registration Agent for Rescission, the Registration Agent should send a Cancel Enrollment Request to the current Supplier, the pending Supplier, and the Distribution Company via Uniform Electronic Transaction. The Customer will continue to be served by the current Supplier.

RXQ.11.3.3.23 After the Customer requests Rescission, the Registration Agent should cancel the Pending Enrollment in its information system.

RXQ.11.3.3.24 A Cancel Enrollment Request should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- ESI ID;
- Customer name;
- Service address zip code;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or status indicator;
- Status reason code, and;
- Status reason description.

RXQ.11.3.3.25 After receiving the Cancel Enrollment Request and confirming that it can be honored, the pending Supplier, current Supplier and the Distribution Company should each send a Cancel Enrollment Confirmation to the Registration Agent via Uniform Electronic Transaction.

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RXQ 11.3.3.26 A Cancel Enrollment Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or Status Indicator;
- Status Reason Code, and;
- Status Reason Description.

RXQ.11.3.3.27 If the current Supplier, the pending Supplier or the Distribution Company cannot honor the Cancel Enrollment Request sent to them by the Registration Agent, each, as appropriate, should send a Cancel Enrollment Rejection to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.3.28 A Cancel Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number;
- Action or Status Indicator;
- Rejection Reason Code, and;
- Rejection Reason Description.

RXQ.11.3.3.29 If the Customer contacts the pending Supplier for Rescission, the pending Supplier should send a Cancel Enrollment Request to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.3.30 After receiving the Cancel Enrollment Request from the pending Supplier and confirming that it can be honored, the Registration Agent should send a Cancel Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier and forward the Cancel Enrollment Request via Uniform Electronic Transaction to both the current Supplier and to the Distribution Company.

RXQ.11.3.3.31 If the Registration Agent cannot honor the Cancel Enrollment Request sent by the pending Supplier, the Registration Agent should

send a Cancel Enrollment Rejection via Uniform Electronic Transaction to the pending Supplier.

RXQ.11.3.3.32 After receiving the Cancel Enrollment Request forwarded to them by the Registration Agent and confirming that it can be honored, the current Supplier and the Distribution Company should each send a Cancel Enrollment Confirmation to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.3.33 If the current Supplier or the Distribution Company cannot honor the Cancel Enrollment Request forwarded to them by the Registration Agent, each, as appropriate, should send a Cancel Enrollment Rejection to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.4 Customer Drop Process (Move-out)

RXQ.11.3.4.1 The Move-out process may be initiated by either the Customer or the Supplier for the purposes described in the Governing Documents.

RXQ.11.3.4.2 When the Customer initiates the Move-out process, they should contact the Supplier to provide authorization.

RXQ.11.3.4.3 When the Supplier initiates the Move-out process, they should notify the Customer of the Drop Effective Date.

RXQ.11.3.4.4 Regardless of which party initiates the Move-out process, the Supplier should send a Drop Request via Uniform Electronic Transaction to the Registration Agent including the requested Drop Effective Date.

RXQ.11.3.4.5 A Drop Request should, at a minimum, contain the ESI ID and zip code to enable the Registration Agent to confirm that the Move-out is for a valid ESI ID.

RXQ.11.3.4.6 In addition to the ESI ID and zip code, a Drop Request for a Move-out should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name;
- Supplier name and D-U-N-S ® Number;
- Registration Agent name and D-U-N-S ® Number;
- Distribution Company name and D-U-N-S ® Number;

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- Action or status indicator;
- Move-out date, and;
- Status reason.

RXQ.11.3.4.7 The Registration Agent will send a Drop Rejection via Uniform Electronic Transaction to the Supplier within the required timeframe containing the applicable rejection reason code if any of the following conditions exist;

- The ESI ID has not been confirmed by the Registration Agent;
- The Drop Request does not contain the required data elements, or;
- The Drop Request has been rejected by Evaluation.

RXQ.11.3.4.8 A Drop Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S ® Number;
- Registration Agent name and D-U-N-S ® Number;
- Action or status indicator, and;
- Rejection reason code.

RXQ.11.3.4.9 When the Supplier receives a Drop Rejection from the Registration Agent, the Supplier should investigate the rejection reason and notify the Customer of the rejection.

RXQ.11.3.4.10 The Registration Agent should log the pending Move-out into its information system and send the Drop Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe if all of the following conditions exist;

- The ESI ID has been confirmed by the Registration Agent;
- The Drop Request contains the required data elements, and;
- The Drop Request has passed Evaluation.

RXQ.11.3.4.11 After receiving the Drop Request from the Registration Agent, the Distribution Company will confirm whether or not the Drop Request is for a valid ESI ID.

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RXQ.11.3.4.12 If the ESI ID is not confirmed by the Distribution Company, the Distribution Company should send a Drop Rejection via Uniform Electronic Transaction to the Registration Agent within the required timeframe containing the applicable rejection reason code.

RXQ.11.3.4.13 A Drop Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Distribution Company name and D-U-N-S ® Number;
- Registration Agent name and D-U-N-S ® Number;
- Action or status indicator, and;
- Rejection reason code.

RXQ.11.3.4.14 When a Drop Rejection is received by the Registration Agent from the Distribution Company, the Registration Agent should send the Drop Rejection via Uniform Electronic Transaction to the Supplier within the required timeframe and cancel the pending Move-out in its information system.

RXQ.11.3.4.15 When the Distribution Company receives a Drop Request and confirms the ESI ID, the Distribution Company should send a Drop Confirmation via Uniform Electronic Transaction to the Registration Agent containing the Drop Effective Date.

RXQ.11.3.4.16 A Drop Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Registration Agent name and D-U-N-S ® Number;
- Distribution Company name and D-U-N-S ® Number;
- Action or status indicator, and;
- Move-out date.

RXQ.11.3.4.17 After receiving and processing a Drop Confirmation, the Registration Agent should send the Drop Confirmation via Uniform Electronic Transaction to the Supplier within the required timeframe.

RXQ.11.3.4.18 After receiving a Drop Confirmation, the Supplier should process the Move-out.

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RXQ.11.3.5 Account Information Change – Submitted by Supplier

RXQ.11.3.5.1 Account Information Change Requests should be submitted by Suppliers for the purposes described in the Governing Documents (typically, Customer contact name and phone number).

RXQ.11.3.5.2 The Supplier should send an Account Information Change Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe prior to the desired Account Information Change Effective Date.

RXQ.11.3.5.3 An Account Information Change Request should contain the ESI ID and zip code to enable the Distribution Company to confirm that the change submitted is for a valid ESI ID.

RXQ.11.3.5.4 In addition to the ESI ID and zip code, an Account Information Change Request should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Customer contact name;
- Customer phone number;
- Customer zip code;
- Second Customer contact name;
- Second Customer contact phone number;
- Action or status indicator;
- ESI ID, and;
- Special needs indicator.

RXQ.11.3.5.5 The Distribution Company should send an Account Information Change Confirmation via Uniform Electronic Transaction to the Supplier within the required timeframe if all of the following conditions exist:

- the ESI ID is confirmed;
- the Account Information Change Request has the required elements, and;
- the Customer is currently served by the Supplier.

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RXQ.11.3.5.6 An Account Information Change Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator;
- ESI ID, and;
- Special needs indicator.

RXQ.11.3.5.7 The Distribution Company should send an Account Information Change Rejection via Uniform Electronic Transaction to the Supplier containing the applicable rejection reason code within the required timeframe if any of the following conditions exist:

- the ESI ID is not confirmed;
- the Account Information Change Request does not have the required elements, or;
- the Customer is not served by the Supplier.

RXQ.11.3.5.8 An Account Information Change Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason;
- ESI ID, and;
- Special needs indicator.

RXQ.11.3.6 Account Information Change – Submitted by Distribution Company

RXQ.11.3.6.1 Account Information Change Requests should be submitted by Distribution Companies for the purposes described in the Governing Documents (typically, billing address, meter exchange, Distribution Company account number, meter read cycle, capacity and transmission obligation, etc.)

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RXQ.11.3.6.2 The Distribution Company should send an Account Information Change Request to the Registration Agent via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.6.3 After receiving an Account Information Change Request from the Distribution Company, the Registration Agent should send an Account Information Change Confirmation to the Distribution Company via Uniform Electronic Transaction within the required timeframe if both of the following conditions exist:

- the ESI ID is confirmed, and;
- the Account Information Change Request has the required elements.

RXQ.11.3.6.4 The Registration Agent should send an Account Information Change Rejection via Uniform Electronic Transaction to the Distribution Company containing the applicable rejection reason code within the required timeframe if any of the following conditions exist:

- the ESI ID is not confirmed, or;
- the Account Information Change Request does not have the required elements.

RXQ.11.3.6.5 An Account Information Change Request sent from the Distribution Company to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name (if changing);
- Customer service address (if changing);
- Zip code;
- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Distribution loss factor code (if changing);
- Premise type (if changing);
- ESI ID;
- Station identifcation (if changing);
- Special needs indicator (if changing);
- Power region (if changing);
- Reason for change;
- Account Information Change Effective Date;
- Eligibility date of change (if changing);

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- Meter level information change code;
- Old meter number (if meter exchange);
- New meter number (if meter exchange);
- Meter multiplier (if changing);
- Number of dials (if changing);
- Meter type (if changing);
- Load profile (if changing);
- Distribution Company rate class (if changing);
- Distribution Company rate subclass (if changing);
- Start meter read of new meter (if meter exchange);
- End meter read of old meter (if meter exchange);
- Meter exchange date (if applicable);
- Meter owner type (if changing);
- Unmetered service type (if changing), and;
- Meter reading cycle (if changing)

RXQ.11.3.6.6 An Account Information Change Confirmation sent from the Registration Agent to the Distribution Company should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator, and;
- ESI ID.

RXQ.11.3.6.7 An Account Information Change Rejection sent by the Registration Agent to the Distribution Company should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason code,
- Rejection reason description, and;
- ESI ID.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11.3.6.8 After receiving an Account Information Change Request from the Distribution Company, the Registration Agent should send an Account Information Change Request via Uniform Electronic Transaction to the Supplier within the required timeframe if both of the following conditions exist:

- the ESI ID is confirmed, and;
- the Account Information Change Request has the required elements.

RXQ.11.3.6.9 An Account Information Change Request sent from the Registration Agent to the Supplier should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name (if changing);
- Customer service address (if changing);
- Zip code;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Distribution loss factor code (if changing);
- Premise type (if changing);
- ESI ID;
- Station identifcation (if changing);
- Special needs indicator (if changing);
- Power region (if changing);
- Reason for change;
- Account Information Change Effective Date;
- Eligibility date of change (if changing);
- Meter level information change code;
- Old meter number (if meter exchange);

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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- New meter number (if meter exchange);
- Meter multiplier (if changing);
- Number of dials (if changing);
- Meter type (if changing);
- Load profile (if changing);
- Distribution Company rate class (if changing);
- Distribution Company rate subclass (if changing);
- Start meter read of new meter (if meter exchange);
- End meter read of old meter (if meter exchange);
- Meter exchange date (if applicable);
- Meter owner type (if changing);
- Unmetered service type (if changing), and;
- Meter reading cycle (if changing)

RXQ.11.3.6.10 After receiving an Account Information Change Request from the Registration Agent, the Supplier should send an Account Information Change Confirmation via Uniform Electronic Transaction to the Registration Agent within the required timeframe if both of the following conditions exist:

- the ESI ID is confirmed, and;
- the Account Information Change Request has the required elements.

RXQ.11.3.6.11 An Account Information Change Confirmation sent from the Supplier to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Registration Agent name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator, and;
- ESI ID.

RXQ.11.3.6.12 The Supplier should send an Account Information Change Rejection via Uniform Electronic Transaction to the Registration Agent

containing the applicable rejection reason code within the required timeframe if any of the following conditions exist:

- the ESI ID is not confirmed, or;
- the Account Information Change Request does not have the required elements.

RXQ.11.3.6.13 An Account Information Change Rejection sent by the Supplier to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Registration Agent name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason code,
- Rejection reason description, and;
- ESI ID.

RXQ.11.3.6.14 If the Registration Agent receives an Account Information Change Rejection from the Supplier, the Registration Agent should send the Account Information Change Rejection to the Distribution Company via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.6.15 An Account Information Change Rejection sent by the Registration Agent to the Distribution Company should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason code,
- Rejection reason description, and;
- ESI ID.

RXQ.11.4 Models

See Attachment 1 - http://naesb.org/pdf3/2008_retail_api3_i_ii_iii_rec_attach.ppt

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11.4.1 Customer Enrollment Using a Registration Agent (RA) Process Flow Diagram (Move-in)

RXQ.11.4.2 Customer Enrollment Using a Registration Agent Process Flow Diagram (Switch)

RXQ.11.4.3 Customer Drop Using a Registration Agent (RA) Process Flow Diagram (Move-out)

RXQ.11.4.4 Account Information Change Request Using a Registration Agent Submitted by Supplier Process Flow Diagram

RXQ.11.4.5 Account Information Change Request Using a Registration Agent Submitted by Distribution Company Process Flow Diagram

4. SUPPORTING DOCUMENTATION

a. Description of Request:

2008 Retail Annual Plan Item No. 3 – Customer Enrollment, Drop and Account Information Change Using a Registration Agent – Develop practices when using a Registration Agent for submitting and receiving, processing and fulfilling a Customer's request to enroll with or leave a Supplier (including Suppliers Dropping Customers) and for maintaining current Customer account information, and for notifying affected parties.

b. Description of Recommendation:

These Model Business Practices detail the processes for Customer Enrollment (which includes Move-ins as well as Switches), Drop (Move-outs), and Account Information Change for a competitive energy market in which there is a Registration Agent.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
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c. Business Purpose:

See above

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

Customer Enrollment, Drop and Account Information Change Using a Registration Agent Model Business Practices were discussed by the Joint REQ/RGQ Business Practices Subcommittees at the following meetings and conference calls:

Initial Overview discussion

April 11 – 12, 2006	Meeting

Customer Enrollment

October 17-18, 2006	Meeting
June 12, 2007	Conference Call
July 24-25, 2007	Meeting
September 13, 2007	Conference Call
October 16-17, 2007	Meeting
December 4, 2007	Conference Call
January 15-16, 2008	Meeting

Customer Drop

January 15-16, 2008
February 27, 2008

Customer Account Information Change

January 15-16, 2008
February 27, 2008

The minutes of all meetings and conference calls are posted on the NAESB REQ and RGQ Business Practices Subcommittees web pages.

At the January 15-16, 2008 meetings by a vote of 7 In Favor and 0 Opposed, the Joint REQ/RGQ Business Practices Subcommittees voted to release the Customer Enrollment Model Business Practices and Process Flow Diagrams to the Joint REQ/RGQ Executive Committees for posting and approval, and to the Information Requirements Subcommittee for development of technical implementation.

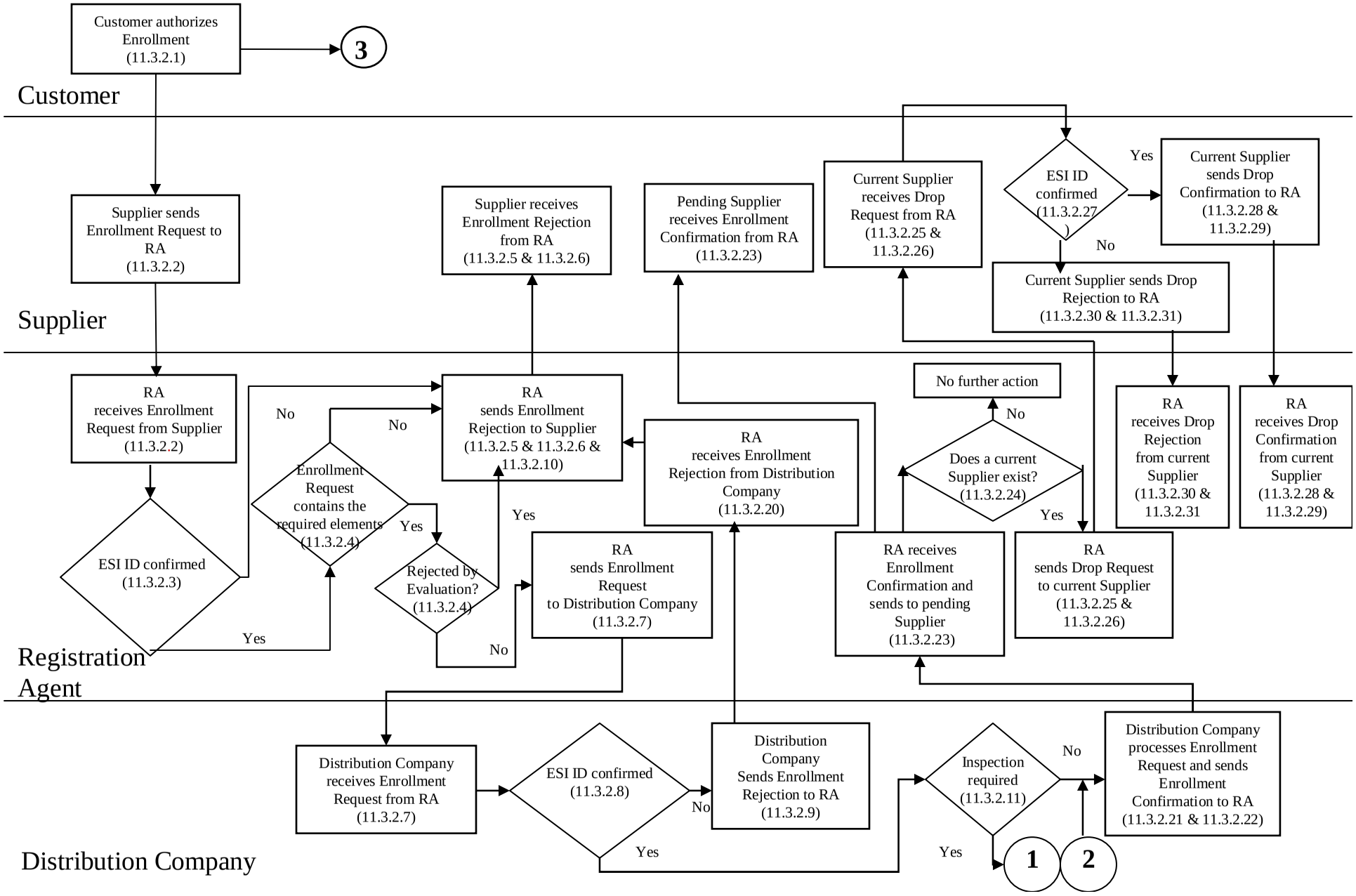
On the February 27, 2008 conference call by a vote of 8 In Favor and 0 Opposed, the Joint REQ/RGQ Business Practices Subcommittees voted to release the Customer Drop Model Business Practices and Process Flow Diagrams to the Joint REQ/RGQ Executive Committees for posting and approval, and to the Information Requirements Subcommittee for development of technical implementation.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

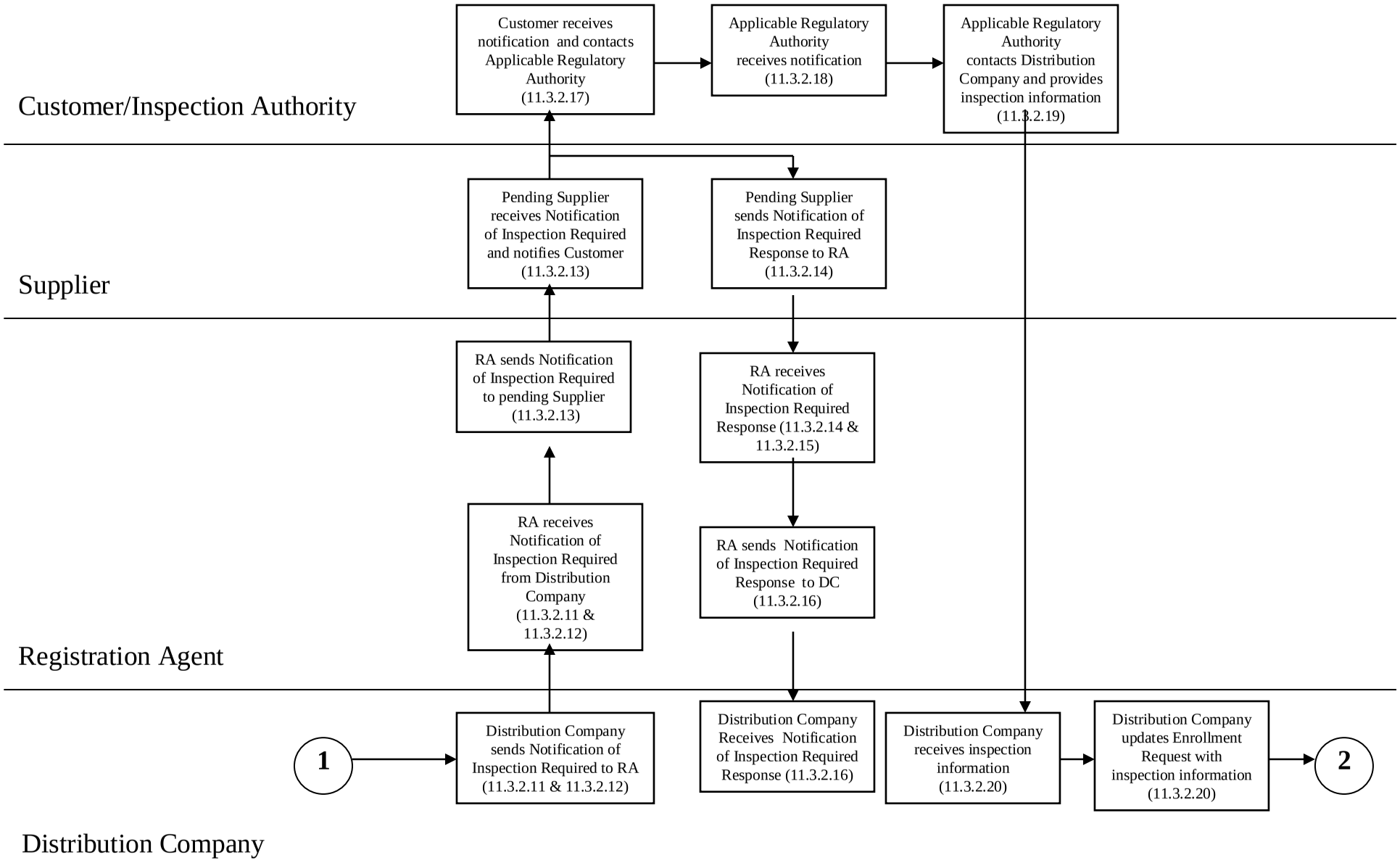
Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

On the February 27, 2008 conference call by a vote of 6 In Favor and 0 Opposed, the Joint REQ/RGQ Business Practices Subcommittees voted to release the Customer Account Information Change Model Business Practices and Process Flow Diagrams to the Joint REQ/RGQ Executive Committees for posting and approval, and to the Information Requirements Subcommittee for development of technical implementation.

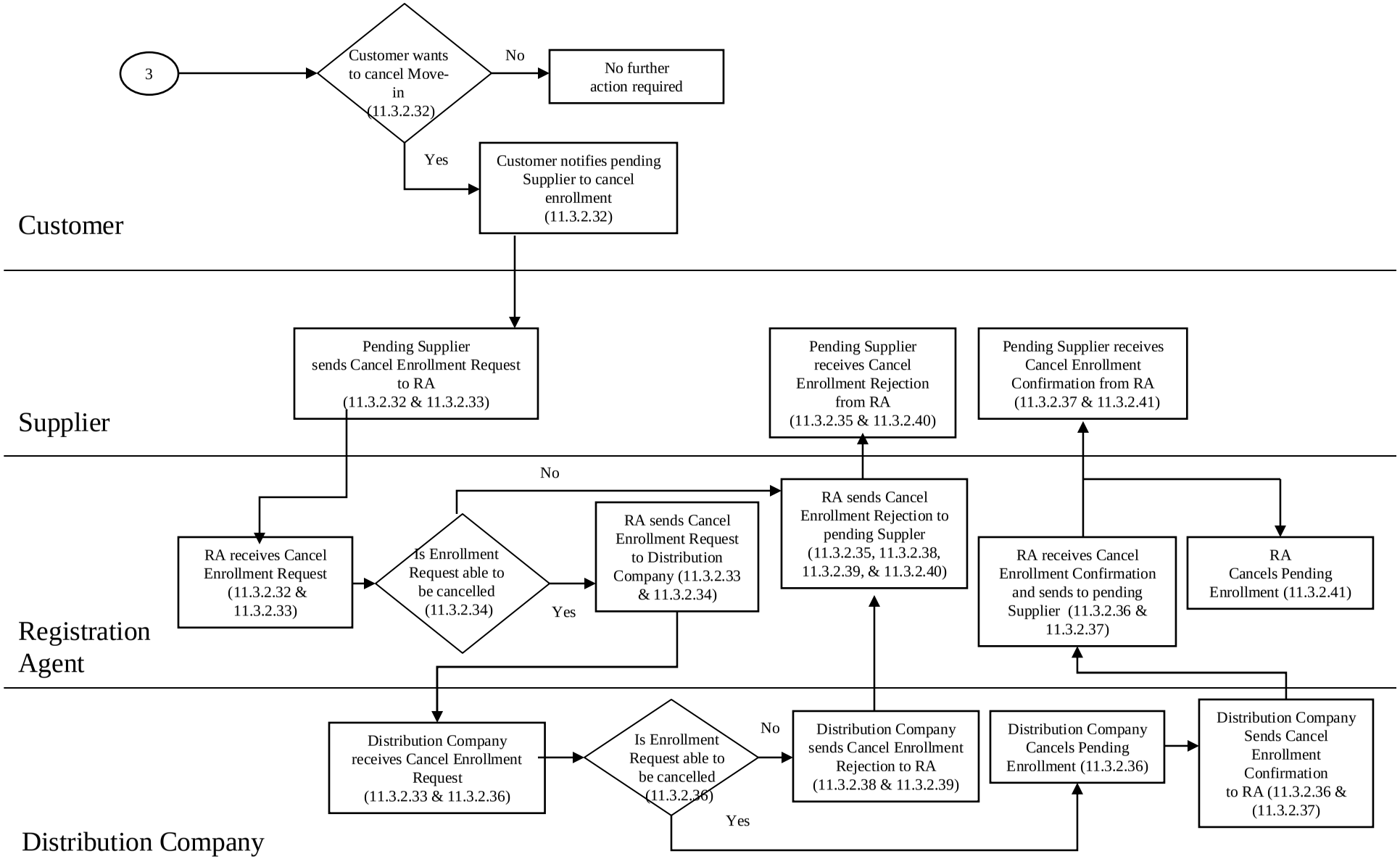
RXQ.11.4.1 Customer Enrollment Using a Registration Agent (RA) Process Flow Diagram (Move-In)



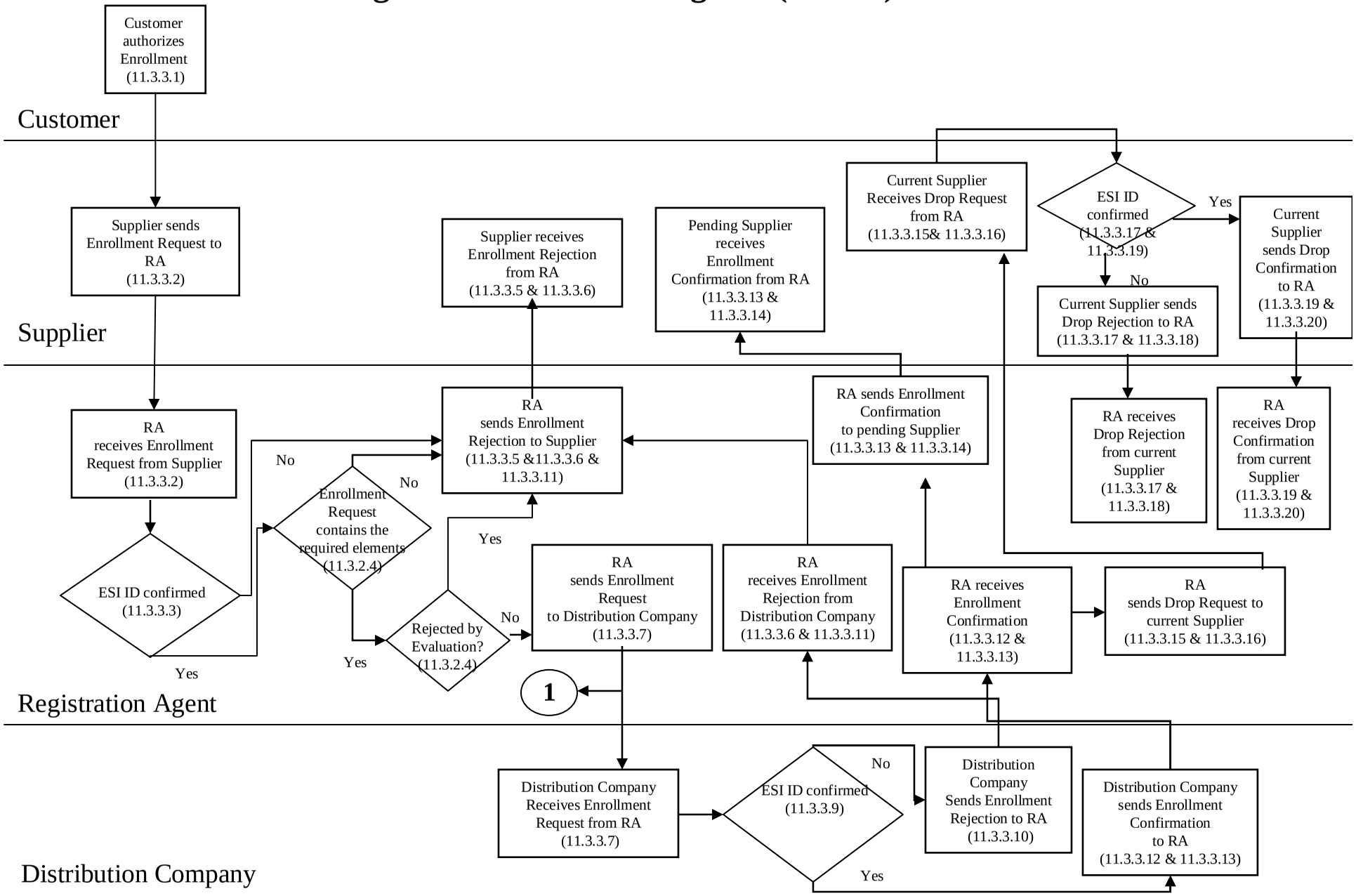
RXQ.11.4.1 Customer Enrollment Using a Registration Agent (RA) Process Flow Diagram (Move-In)



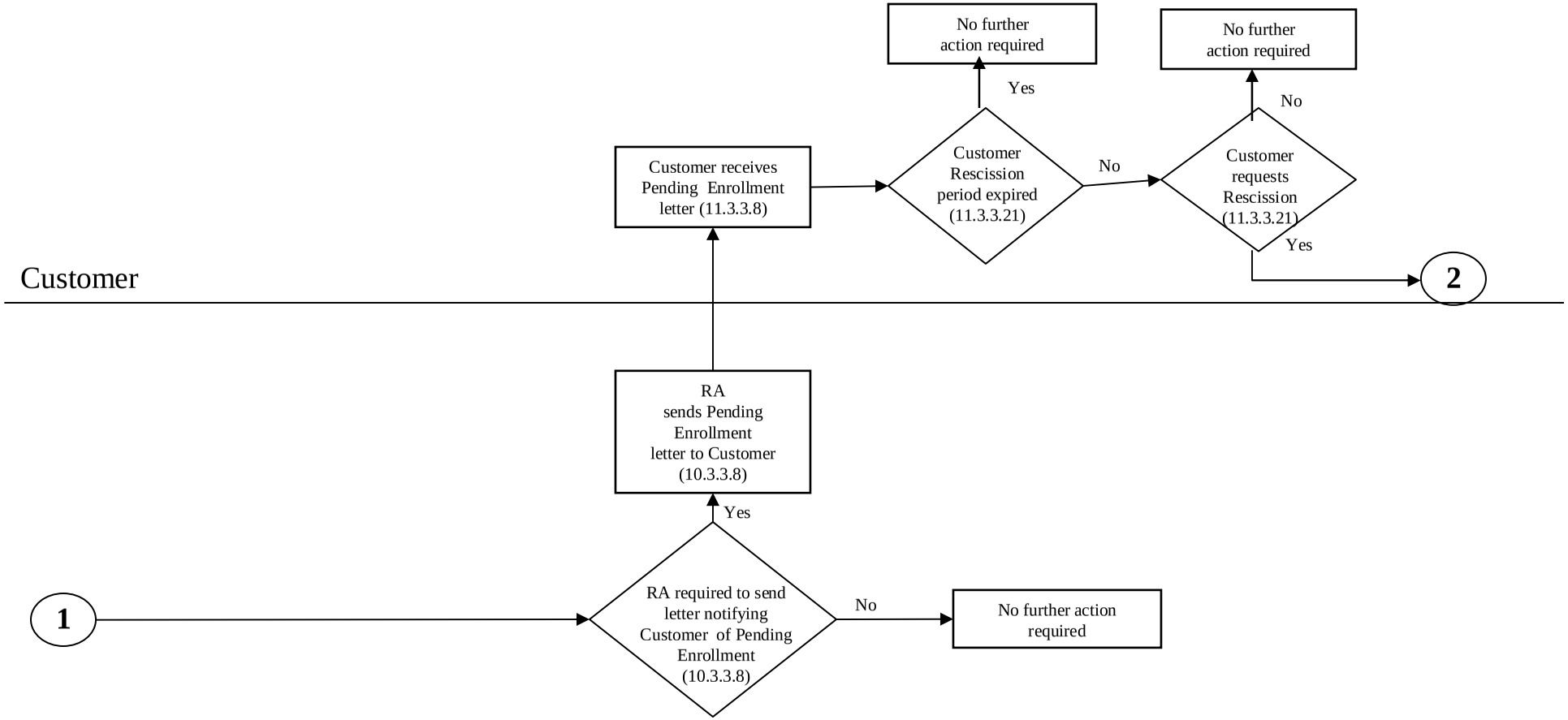
RXQ.11.4.1 Customer Enrollment Using a Registration Agent Process Flow Diagram (Move-In) Customer Cancellation



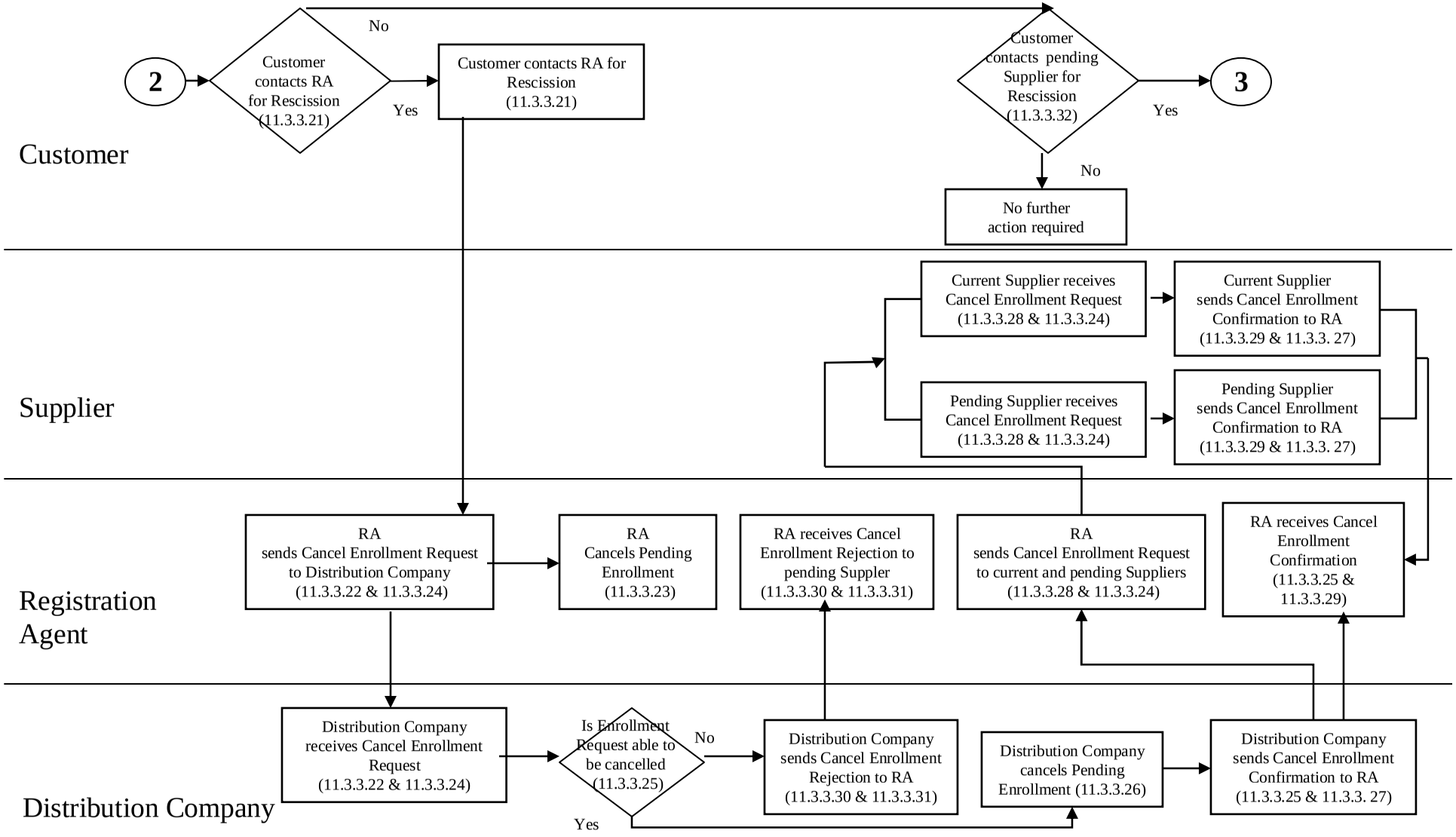
RXQ.11.4.2 Customer Enrollment Using a Registration Agent Process Flow Diagram (Switch)



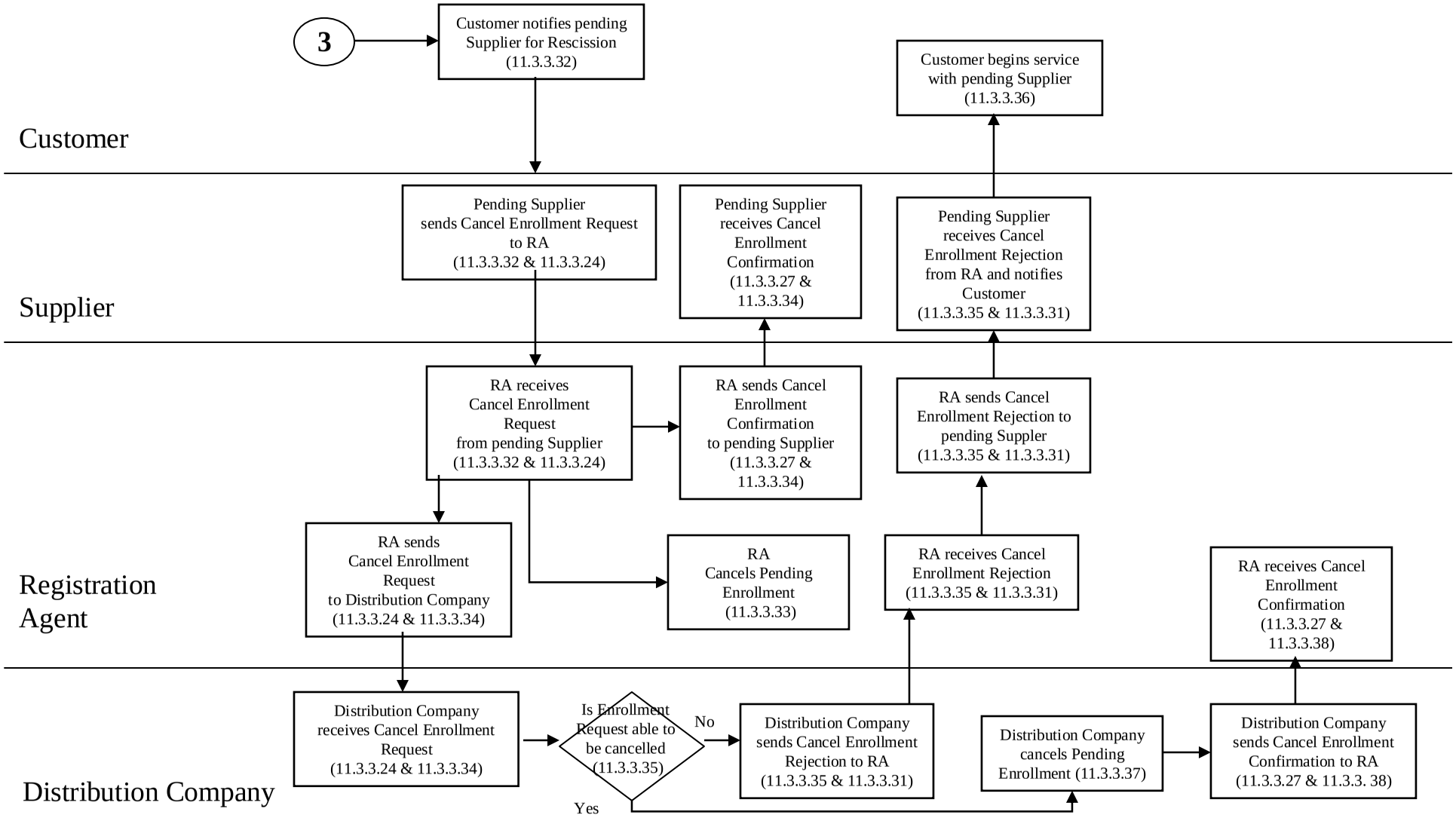
RXQ.11.4.2 Customer Enrollment Using a Registration Agent Process Flow Diagram (Switch)



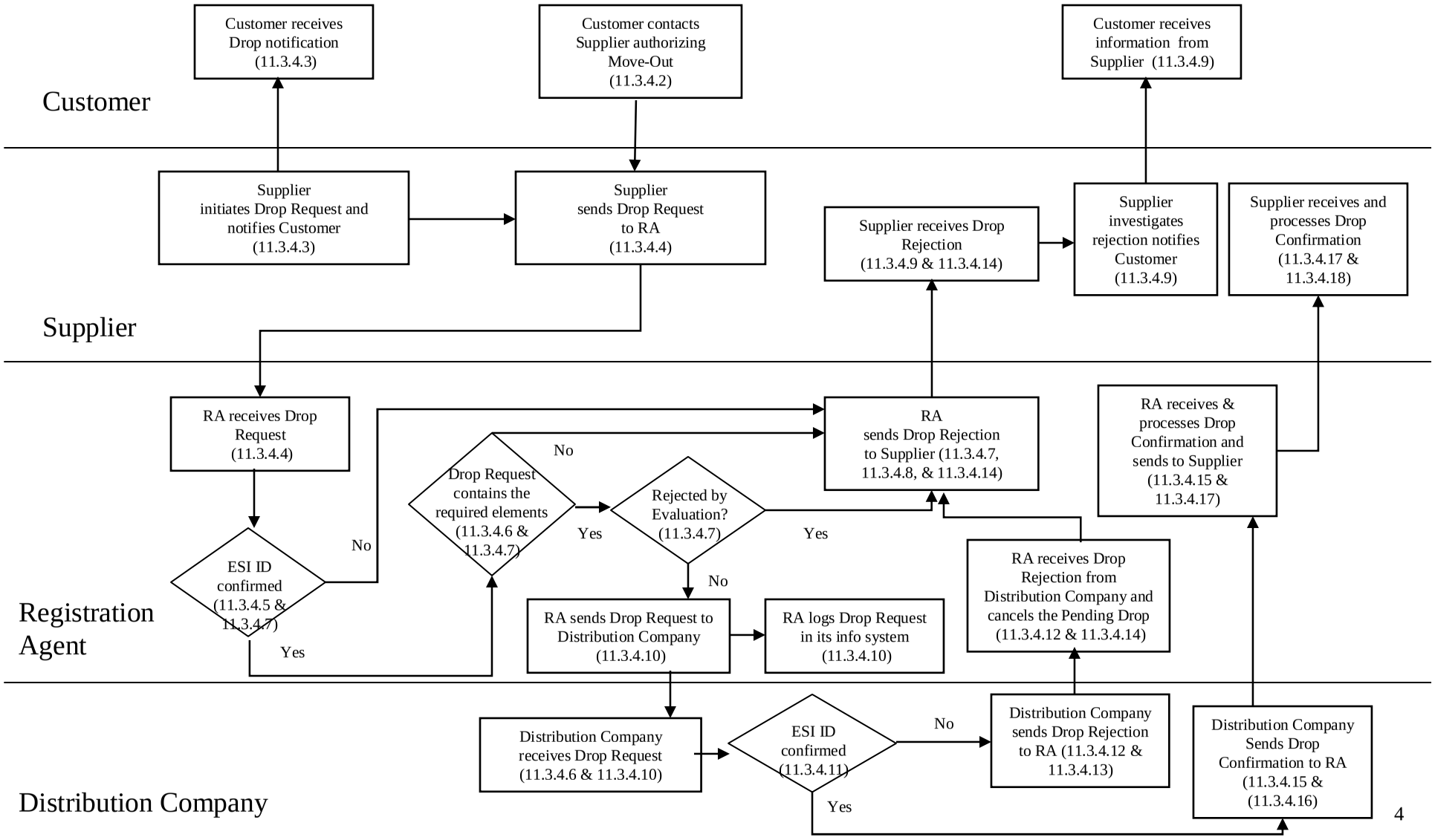
RXQ.11.4.2 Customer Enrollment Using a Registration Agent Process Flow Diagram (Switch) Customer Rescission



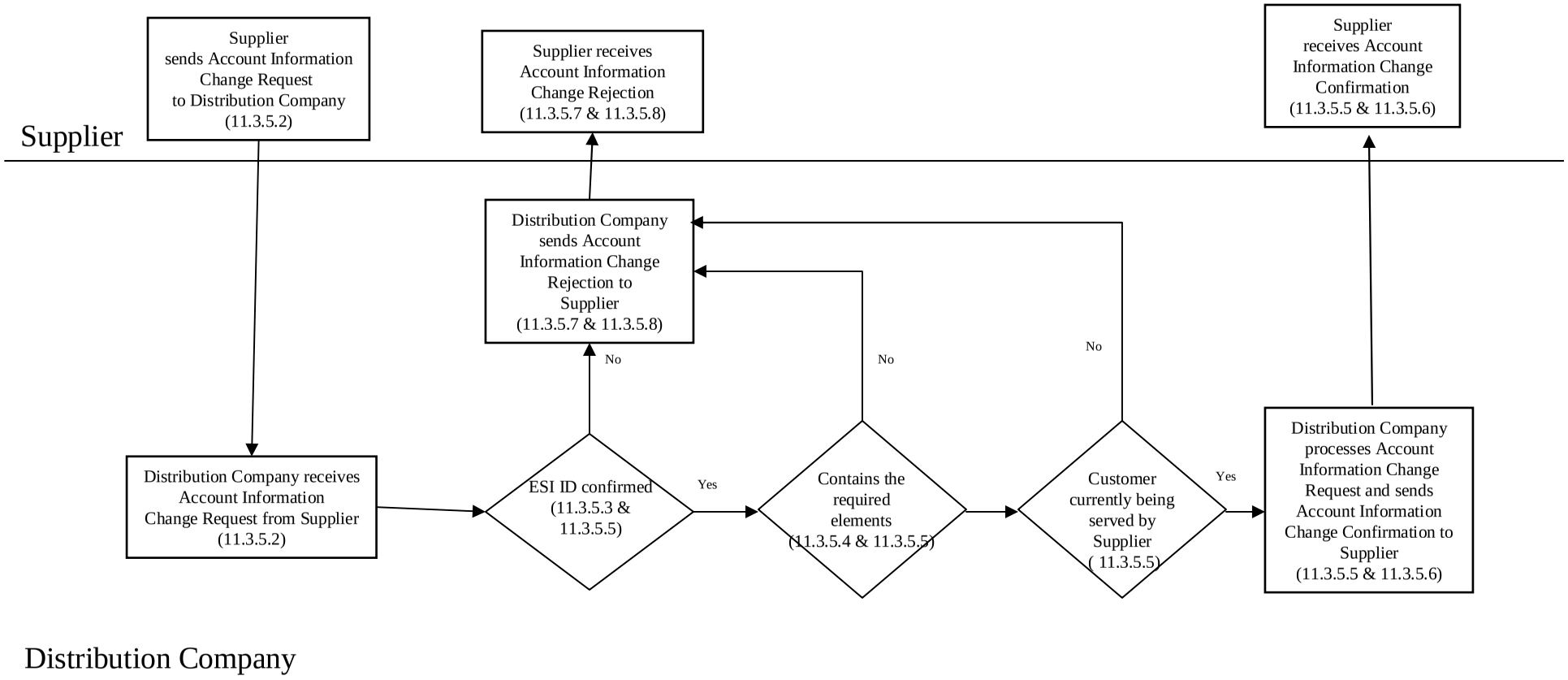
RXQ.11.4.2 Customer Enrollment Using a Registration Agent Process Flow Diagram (Switch) Customer Rescission



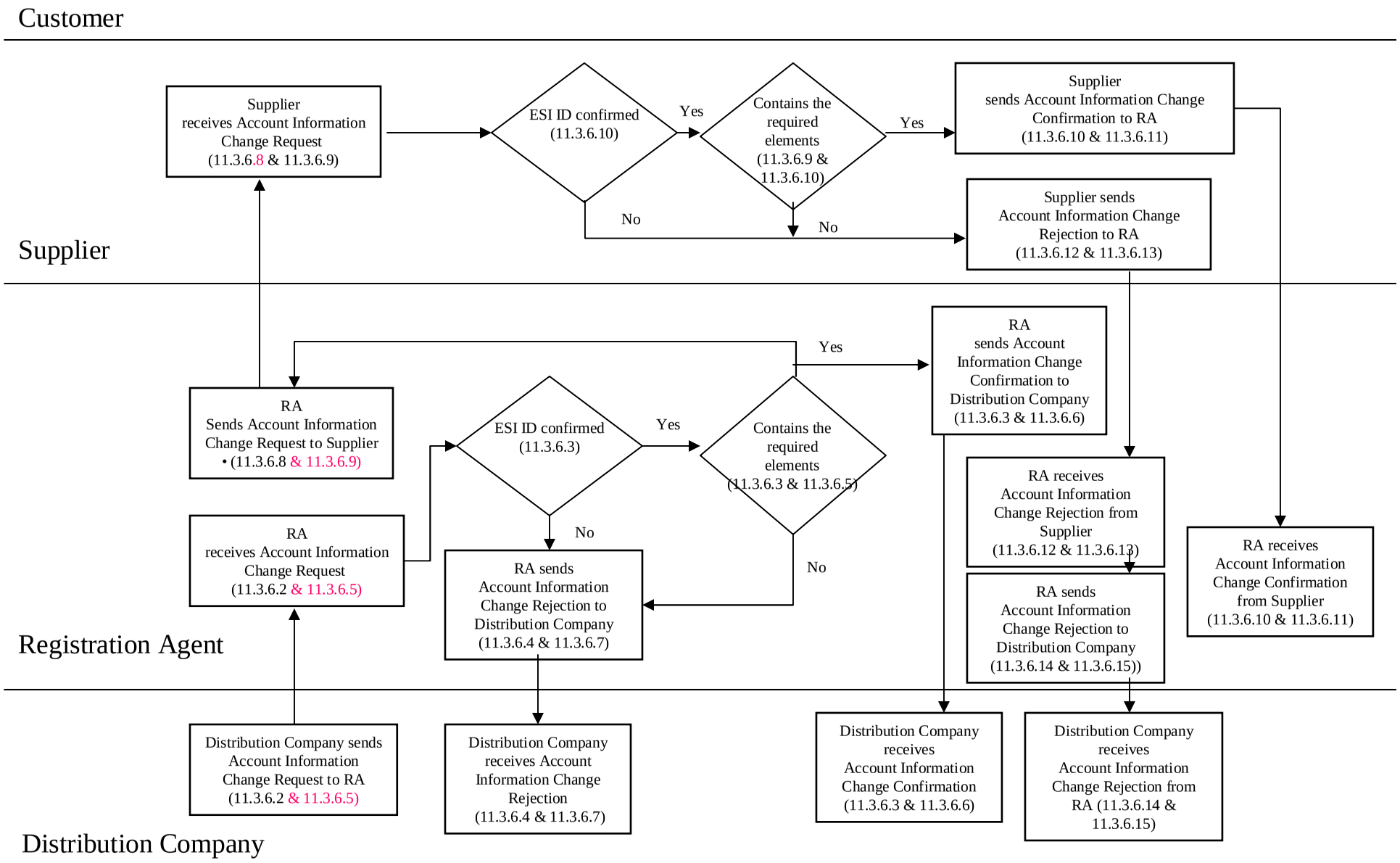
RXQ.11.4.3 Customer Drop Using a Registration Agent (RA) Process Flow Diagram (Move-Out)



RXQ.11.4.4 Account Information Change Request Using a Registration Agent Submitted by Supplier Process Flow Diagram



RXQ.11.4.5 Account Information Change Request Using a Registration Agent Submitted by Distribution Company Process Flow Diagram



From: Jones, Dan
Sent: Monday, May 05, 2008 2:24 PM
To: naesb@naesb.org
Cc: Precht, Phillip R; Mary.Edwards@dom.com; Deborah.Mckeever@oncor.com; Munson, Susan; Veronica Thomason; Rager,Denise
Subject: Comments Regarding NAESB Retail BPS Annual Plan Items 3 (i), (ii), and (iii)

NAESB Office:

Attached is a marked-up recommendation document for consideration of the Retail BPS prior to the EC voting on this recommendation on May 14th.

There are a couple of content items marked-up in the document, but the document is mainly marked-up for consistency sake – where "via Uniform Electronic Transaction" appears, the registered trade mark for D-U-N-S®, and using "should send" rather than "forwards" (I may have missed a few of these, but I am suggesting that the recommendation document be consistent regarding these 3 items)

In addition, there are a couple of questions I have:

In the Registration Agent marketplace, is there a requirement in any jurisdiction for the Registration Agent to send a letter to the customer confirming their "move-in" and giving them the opportunity to rescind? (similar to what is shown for the Switch process)

In the Registration Agent marketplace, is there a requirement in any jurisdiction for the Registration Agent to send a letter to the customer confirming their "move-out" (drop) request and giving them an opportunity to rescind?

Thanks,

Dan Jones
Duke Energy
Certified Supplier Business Center
(513) 287-2057
dan.jones2@duke-energy.com

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RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

1. RECOMMENDED ACTION:

__X__Accept as requested
___Accept as modified below
___Decline

EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:

___Change to Existing Practice
__X__Status Quo

2. TYPE OF DEVELOPMENT/MAINTENANCE

Per Request:	**Per Recommendation:**
__X__Initiation	__X__Initiation
___Modification	___Modification
___Interpretation	___Interpretation
___Withdrawal	___Withdrawal
__X__Principle	__X__Principle
__X__Definition	__X__Definition
__X__Business Practice Standard	__X__Business Practice Standard
___Document	___Document
___Data Element	___Data Element
___Code Value	___Code Value
___X12 Implementation Guide	___X12 Implementation Guide
___Business Process Documentation	___Business Process Documentation

3. RECOMMENDATION

SUMMARY:

The Joint Retail Electric (REQ) and Retail Gas (RGQ) Quadrant's Business Practices Subcommittees (BPS) submit this Recommendation for 2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii) – Customer Enrollment, Drop and Account Information Change Using a Registration Agent. These Model Business Practices detail the processes for Customer Enrollment (which includes Move-ins as well as Switches), Drop (Move-outs), and Account Information Change for a competitive energy market in which there is a Registration Agent.

(See Attachment 1 for **RXQ.11.4 Models**-
http://naesb.org/pdf3/2008_retail_api3_i_ii_iii_rec_attach.ppt)

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RECOMMENDED STANDARDS:

CUSTOMER ENROLLMENT, DROP, AND ACCOUNT INFORMATION CHANGE USING A REGISTRATION AGENT

Tab 1 -Executive Summary

This section presents a summary of the Model Business Practices for Customer Enrollment (which includes Move-Ins as well as Switches), Drop, and Account Information Change for a competitive energy market in which there is a Registration Agent. In this model, alternative energy providers, known as Suppliers, sell gas and/or electricity to end use Customers. The Supplier provides the energy by purchasing it and arranging for its delivery by the Distribution Company to the Retail Customer.

Customer Enrollment, Drop, and Account Information Change processing encompasses a variety of interactions between Suppliers, Distribution Companies, and a Registration Agent. In a business environment where best practices are voluntary, Model Business Practices such as those included in this documentation may be applied within the context of regulatory or other market requirements and agreements.

Deleted: ping

Deleted: maintaining premise and Customer information

Tab 2 -Version Notes

(Insert initial publication date)

Tab 3 –Introduction

The North American Energy Standards Board (NAESB) is a voluntary non-profit organization comprised of members from all aspects of the natural gas and electric industries. Within NAESB, the Retail Electric Quadrant (REQ) and the Retail Gas Quadrant (RGQ) focus on issues impacting the retail sale of energy to end-use customers. REQ / RGQ Model Business Practices are intended to provide guidance to Distribution Companies, Suppliers, and other Market Participants involved in providing competitive energy service to end-use Customers. The focus of these Model Business Practices is the processing of Customer Enrollment, Drop, and Account Information Change transactions.

These Model Business Practices are voluntary and do not address policy issues that are the subject of state legislation or regulatory decisions. These Model Business Practices have been adopted with the realization that as the industry evolves, additional and amended Model Business Practices may be necessary. Any industry participant seeking additional or amended Model Business Practices (including principles, definitions, data elements, process descriptions, and technical implementation instructions) should submit a request to the NAESB office, detailing the change, so that the appropriate process may take place to amend the Model Business Practice.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

Tab 4 -Business Processes and Practices

RXQ.11 Overview

RXQ.11.1 Principles

RXQ.11.1.1 The processes for Customer Enrollment, Drop, and Account Information Change should be efficient to minimize the time and effort needed to accomplish these operational details.

RXQ.11.1.2 The processes for Customer Enrollment, Drop and Account Information Change should be consistent with the requirements set forth by the Applicable Regulatory Authority.

RXQ.11.1.3 The processes for Customers to enroll with and Drop from Suppliers should minimize the occurrence of unauthorized activity in the marketplace.

RXQ.11.1.4 A contract or agreement between Market Participants may establish different processes, timeframes, or operational requirements. Any conflict between these recommended processes and an applicable contract shall be resolved according to the provisions of the contract.

RXQ.11.1.5 These processes do not address communications between a Customer and a Supplier concerning the right of a Customer to cancel a contract prior to or subsequent to the issuance of an Enrollment Request.

RXQ.11.1.6 These processes do not address contractual obligations between Market Participants and their Customers.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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RXQ.11.2 Definitions

RXQ.0.2.xx **Account Information Change:** The process by which Market Participants notify each other of modifications to Customer account data.

RXQ.0.2.xx **Account Information Change Confirmation:** The Uniform Electronic Transaction used to notify the Market Participant that their Account Information Change Request has been accepted.

RXQ.0.2.xx **Account Information Change Effective Date:** The date on which a change in Customer account data becomes effective.

RXQ.0.2.xx **Account Information Change Rejection:** The Uniform Electronic Transaction used to notify the Market Participant that their Account Information Change Request has been denied.

RXQ.0.2.xx **Account Information Change Request:** The Uniform Electronic Transaction used to initiate an Account Information Change.

RXQ.0.2.1 **Applicable Regulatory Authority:** The state regulatory agency or other local governing body that provides oversight, policy guidance, and direction to any parties involved in the process of providing energy to retail access Customers through regulations and orders.

RXQ.0.2.xx **Cancel Enrollment Confirmation:** The Uniform Electronic Transaction used to notify the Supplier that its Cancel Enrollment Request has been accepted.

RXQ.0.2.xx **Cancel Enrollment Rejection:** The Uniform Electronic Transaction used to notify the Supplier that its Cancel Enrollment Request has been denied.

RXQ.0.2.xx **Cancel Enrollment Request:** The Uniform Electronic Transaction used to request termination of a Pending Enrollment.

RXQ.0.2.16 **Customer:** Any entity that takes gas and/or electric service for its own consumption.

RXQ.0.2.17 **Distribution Company:** A regulated entity which provides distribution services and may provide energy and/or transmission / transportation services in a given area.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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RXQ.0.2.xx **Drop:** The process of discontinuing responsibility for providing energy to a Customer from an existing Market Participant.

RXQ.0.2.xx **Drop Confirmation:** The Uniform Electronic Transaction used to notify the Market Participant that their Drop Request has been accepted.

RXQ.0.2.xx **Drop Effective Date:** The date on which the current Market Participant ceases to be responsible for providing energy to a Customer.

RXQ.0.2.xx **Drop Rejection:** The Uniform Electronic Transaction used to notify the Market Participant that their Drop Request has been denied.

RXQ.0.2.xx **Drop Request:** The Uniform Electronic Transaction used to initiate a Drop.

RXQ.0.2.xx **D-U-N-S® Number:** The D-U-N-S® Number is a 9-digit number assigned to companies by the Dun & Bradstreet Corporation. The D-U-N-S® +4 Number is a 10- to 13-digit number, where characters 10 through 13 are arbitrarily assigned by the owner of the D-U-N-S® Number.

RXQ.0.2.xx **Enrollment:** The process of designating a Market Participant that has the responsibility for providing energy to a Customer.

RXQ.0.2.xx **Enrollment Confirmation**: The Uniform Electronic Transaction used to notify the Market Participant that their Enrollment Request has been accepted.

RXQ.0.2.xx **Enrollment Effective Date:** The date on which a Market Participant becomes responsible for providing energy to a Customer.

RXQ.0.2.xx **Enrollment Rejection:** The Uniform Electronic Transaction used to deny an Enrollment Request.

RXQ.0.2.xx **Enrollment Request:** The Uniform Electronic Transaction used to initiate an Enrollment.

RXQ.0.2.xx **ESI ID (Electric Service Identifier):** See Service Delivery Indentification Number (SDID): A Distribution Company assigned alphanumeric identifier for meters and their locations. The SDID may contain digits and/or uppercase letters and can be used in place of an account number for electronic data interchange (EDI) transactions. A Customer account may have more than one SDID.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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RXQ.0.2.xx **Evaluation:** The process used by the Registration Agent and other Market Participants to determine which Enrollment will be effectuated in the event that there are multiple Pending Enrollments within a defined period of time.

RXQ.0.2.22 **Governing Documents:** Documents that determine the interactions among parties, including but not limited to: regulatory documents (e.g., tariffs, rules, regulations), contractual agreements, and Distribution Company Operational Manuals.

RXQ.0.2.xx **Inspection:** The process by which an Applicable Regulatory Authority verifies that the premise meets all requirements for connection to the Distribution Company's system for energy service.

RXQ.0.2.xx **Market Participant:** A party engaged in the process of providing competitive retail energy to end-use Customers including, but not limited to, the Distribution Company, the Supplier, the Registration Agent, the settlement agent, and the meter reading entity.

RXQ.0.2.xx **Move-in:** The process for designating a Market Particiapnt that has the responsibility for initially providing energy to a Customer at a premise. (Should this merely say "See Enrollment"?)

RXQ.0.2.xx **Move-out:** See Drop

RXQ.0.2.xx **Notification of Inspection Required:** The Uniform Electronic Transaction used to notify a Market Participant that an Inspection is required for a premise.

RXQ.0.2.xx **Notification of Inspection Required Response:** The Uniform Electronic Transaction used to notify a Market Particiapant that the Notification of Inspection Required has been recieved.

RXQ.0.2.xx **Pending Enrollment:** An Enrollment Request that has been responded to with an Enrollment Confirmation, but has not reached its Enrollment Effective Date.

RXQ.0.2.xx **Registration Agent:** An entity other than the Distribution Company facilitating Customer registration and performing record keeping for a specified geographical area.

RXQ.0.2.xx **Rescission:** The process whereby a Customer causes a Pending Enrollment or Pending Drop to be canceled.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

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Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.0.2.39 **Supplier:** Persons engaged in the competitive sale of energy to end-users.

RXQ.0.2.xx **Switch:** The process for changing the Market Participant that has responsibility for providing energy to a Customer at a premise.

RXQ.0.2.42 **Uniform Electronic Transactions:** Standard data arrangements for trading information, making business requests and exchanging other information, encompassing a number of electronic media and utilizing specified transport protocols.

RXQ.11.3 Model Business Practices

RXQ.11.3.1 General Practices for Customer Enrollment, Drop, and Account Information Change Using a Registration Agent

RXQ.11.3.1.1 The Distribution Company, Supplier, and Registration Agent should be approved, certified and licensed, to the extent required by the Applicable Regulatory Authority and demonstrate the technical capability to exchange information electronically using Uniform Electronic Transactions and to meet the operational timeframes which have been defined to support market rules and regulatory requirements.

RXQ.11.3.1.2 When making changes to its information systems that may affect Uniform Electronic Transactions, the Distribution Company, Supplier or Registration Agent making those changes should provide sufficient advance notification to the other party prior to implementation to allow them to adapt to the change.

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RXQ.11.3.1.3 Suppliers must obtain authorization from Customers prior to enrolling and serving them.

RXQ.11.3.1.4 The Distribution Company, Supplier, and Registration Agent should process Enrollment, Drop and Account Information Change transactions when submitted and according to approved market timeframes for transaction processing.

RXQ.11.3.1.5 When a Uniform Electronic Transaction is received, the receiving party should acknowledge receipt via Uniform Electronic Transaction within one business day or according to established market timeframes.

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RXQ.11.3.1.6 Uniform Electronic Transactions for Enrollment, Drop, and Account Information Change should be submitted at the ESI ID level.

RXQ.11.3.1.7 Customer Enrollment, Drop, and Account Information Change processes should comply with the rules governing Customer protection as specified by the Applicable Regulatory Authority.

RXQ.11.3.2 Customer Enrollment Process (Move-In)

RXQ.11.3.2.1 Customer contacts Supplier to provide authorization for the Move-In process.

RXQ.11.3.2.2 The Supplier should send an Enrollment Request via Uniform Electronic Transaction to the Registration Agent within the required timeframe prior to the desired Enrollment Effective Date.

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RXQ.11.3.2.3 An Enrollment Request should, at a minimum, contain the ESI ID and zip code to enable the Registration Agent to confirm that the Move-In is for a valid ESI ID.

RXQ.11.3.2.4 In addition to the ESI ID and zip code, an Enrollment Request for a Move-In should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- Customer name;
- Customer contact name and number;
- Customer notification name;
- Customer notification mailing address and zip code;
- Permit name, if applicable;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Billing type;
- Bill calculator;
- Service requested;
- Action or status indicator;
- Priority code;
- Move-in date;
- Historical usage request, and;
- Special needs indicator.

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RXQ.11.3.2.5 The Registration Agent will send an Enrollment Rejection via Uniform Electronic Transaction to the Supplier within the required timeframe containing the applicable rejection reason code if any of the following conditions exist;

- The ESI ID has not been confirmed by the Registration Agent;
- The Enrollment Request does not contain the required data elements, or;
- The Enrollment Request has been rejected by Evaluation.

RXQ.11.3.2.6 An Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Service requested;
- Historical usage request;
- Action or status indicator, and;
- Rejection reason code.

RXQ.11.3.2.7 Once the Enrollment Request for a Move-In is confirmed by the Registration Agent, the Registration Agent should send the Enrollment Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe.

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Deleted: via Uniform Electronic Transaction

RXQ.11.3.2.8 After receiving the Enrollment Request from the Registration Agent, the Distribution Company will confirm that the Move-in is for a valid ESI ID.

RXQ.11.3.2.9 If the ESI ID is not confirmed by the Distribution Company, the Distribution Company should send an Enrollment Rejection via Uniform Electronic Transaction to the Registration Agent within the required timeframe containing the applicable rejection reason code.

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RXQ.11.3.2.10 When an Enrollment Rejection for a Move-In is received by the Registration Agent from the Distribution Company, the Registration Agent should send the Enrollment Rejection to the Supplier via Uniform Electronic Transaction within the required timeframe.

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RXQ.11.3.2.11 After the Distribution Company confirms that the Enrollment Request is for a valid ESI ID, the Distribution Company determines

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whether an Inspection is required. If required, the Distribution Company sends a Notification of Inspection Required via Uniform Electronic Transaction to the Registration Agent.

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RXQ.11.3.2.12 A Notification of Inspection Required should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;
- Customer name;
- Service address;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Inspection required indicator;
- Inspection party indicator, and;
- Special needs indicator.

RXQ.11.3.2.13 When a Notification of Inspection Required is received by the Registration Agent from the Distribution Company, the Registration Agent should send the Notification of Inspection Required via Uniform Electronic Transaction to the Supplier within the required timeframe.

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Deleted: via Uniform Electronic Transaction

RXQ.11.3.2.14 After the pending Supplier receives a Notification of Inspection Required from the Registration Agent, the pending Supplier sends a Notification of Inspection Required Response via Uniform Electronic Transaction to the Registration Agent.

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RXQ.11.3.2.15 A Notification of Inspection Required Response should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;
- Distribution Company name and D-U-N-S Number, and;
- Status code.

RXQ.11.3.2.16 When a Notification of Inspection Required Response is received by the Registration Agent from the Supplier, the Registration Agent should send the Notification of Inspection Required Response via

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Uniform Electronic Transaction to the Distribution Company within the required timeframe.

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RXQ.11.3.2.17 If the pending Supplier receives a Notification of Inspection Required from the Registration Agent, the pending Supplier will inform the Customer that an Inspection is required.

RXQ.11.3.2.18 After being informed by the Supplier that an Inspection is required, the Customer contacts the Applicable Regulatory Authority requesting an Inspection.

RXQ.11.3.2.19 After receiving a Customer's request for an Inspection, the Applicable Regulatory Authority performs the Inspection and provides the Inspection information to the Distribution Company.

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RXQ.11.3.2.20 After receiving the Inspection Information, the Distribution Company updates its premise data with the Inspection information as applicable.

RXQ.11.3.2.21 The Distribution Company should send an Enrollment Confirmation via Uniform Electronic Transaction to the Registration Agent containing the scheduled Enrollment Effective Date if either of the following conditions exists:

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- The ESI ID has been confirmed by the Distribution Company and no Inspection is required, or;
- The ESI ID has been confirmed with an Inspection required, and the Inspection information has been received by the Distribution Company.

RXQ.11.3.2.22 An Enrollment Confirmation should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;

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- Customer name;
- Service address;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or status indicator;
- Status reason;
- Historical usage request;
- Special needs indicator;
- Distribution Company billing cycle;
- Scheduled field completion date;
- Meter number;
- Distribution loss factor code;
- Premise type;
- Station ID;
- Unmetered service type;
- Distribution Company load profile;
- Distribution Company rate class;
- Distribution Company rate sub class;
- Distribution Company meter reading cycle;
- Meter type;
- Meter constant on usage register;
- Number of dials/digits on usage register;
- Off-peak usage information, if applicable;
- On-peak usage information, if applicable
- Meter constant on the demand register;
- Number of dials/digits on the demand register;
- Off-peak demand information, if applicable;
- On-Peak demand information, if applicable, and;
- Totalized metering information, if applicable.

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RXQ.11.3.2.23 After receiving the Enrollment Confirmation from the Distribution Company, the Registration Agent should send the Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier within the required timeframe.

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RXQ.11.3.2.24 Once the new Supplier's Enrollment Request is accepted by the Registration Agent with an Enrollment Confirmation, the Registration Agent will determine if the ESI ID is currently served by another Supplier. If there is not a current Supplier serving the ESI ID no further action is required.

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RXQ.11.3.2.25 If the Registration Agent determines that the ESI ID is currently served by another Supplier, the Registration Agent should send a Drop Request via Uniform Electronic Transaction to the current Supplier, containing a Drop Effective Date coinciding with the Enrollment Effective Date of the new Supplier.

RXQ.11.3.2.26 A Drop Request should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Service requested;
- Action or status indicator;
- Drop reason, and;
- Service period end date.

RXQ.11.3.2.27 After receiving the Drop Request from the Registration Agent, the current Supplier will confirm that the Drop Request is for a valid ESI ID.

RXQ.11.3.2.28 After determining that the Drop Request is for a valid ESI ID, the current Supplier should send a Drop Confirmation via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.2.29 A Drop Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number, and;
- Action or status indicator.

RXQ.11.3.2.30 If the current Supplier determines that the Drop Request is not for a valid ESI ID, the current Supplier should send a Drop Rejection via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.2.31 A Drop Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number;

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- Action or status indicator, and;
- Drop Rejection reason.

RXQ.11.3.2.32 If the Customer contacts the pending Supplier and requests cancellation of the Move-in, the pending Supplier should send a Cancel Enrollment Request via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.2.33 A Cancel Enrollment Request should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Customer name;
- Service address zip code;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number, and;
- Distribution Company name and D-U-N-S®Number;
- Action or status indicator;
- Status reason code, and;
- Status reason description.

RXQ.11.3.2.34 Once the Registration Agent determines that the Cancel Enrollment Request can be honored, the Registration Agent should send the Cancel Enrollment Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe.

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RXQ.11.3.2.35 If the Registration Agent determines that the Cancel Enrollment Request cannot be honored, the Registration Agent should send a Cancel Enrollment Rejection via Uniform Electronic Transaction to the pending Supplier within the required timeframe.

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RXQ.11.3.2.36 Once the Distribution Company receives the Cancel Enrollment Request and determines that it can be honored, the Distribution Company should send a Cancel Enrollment Confirmation to the Registration Agent via Uniform Electronic Transaction within the required timeframe and cancel the Pending Enrollment in its information system.

RXQ.11.3.2.37 A Cancel Enrollment Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

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- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or status indicator;
- Status reason code, and;
- Status reason description.

RXQ.11.3.2.38 If the Distribution Company receives the Cancel Enrollment Request and determines that it cannot be honored, the Distribution Company should send a Cancel Enrollment Rejection via Uniform Electronic Transaction to the Registration Agent within the required timeframe.

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RXQ.11.3.2.39 A Cancel Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or status indicator;
- Status reason code;
- Status reason description;
- Rejection code, and;
- Rejection description.

RXQ.11.3.2.40 After receiving the Cancel Enrollment Rejection from the Distribution Company, the Registration Agent should send the Cancel Enrollment Rejection via Uniform Electronic Transaction to the pending Supplier and retain the Pending Enrollment in its information system.

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RXQ.11.3.2.41 After receiving the Cancel Enrollment Confirmation from the Distribution Company, the Registration Agent should send the Cancel Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier and cancel the Pending Enrollment in its information system.

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RXQ.11.3.3 Customer Enrollment Process (Switch)

RXQ.11.3.3.1 Customer contacts Supplier to provide authorization for the Switch process.

RXQ.11.3.3.2 The Supplier should send an Enrollment Request to the Registration Agent via Uniform Electronic Transaction within the required timeframe prior to the desired Enrollment Effective Date.

RXQ.11.3.3.3 An Enrollment Request should, at a minimum, contain the ESI ID and zip code to enable the Registration Agent to confirm that the Switch is for a valid ESI ID.

RXQ.11.3.3.4 In addition to the ESI ID and zip code, an Enrollment Request for a Switch should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name;
- Customer contact name and number;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Billing type;
- Bill calculator;
- Service requested;
- Action or status indicator;
- Historical usage request;
- Rescission period waiver (yes/no), and;
- Special needs indicator.

RXQ.11.3.3.5 The Registration Agent will send an Enrollment Rejection via Uniform Electronic Transaction to the pending Supplier within the required timeframe containing the applicable rejection reason code if any of the following conditions exist;

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- The ESI ID has not been confirmed by the Registration Agent;
- The Enrollment Request does not contain the required data elements, or;
- The Enrollment Request has been rejected by Evaluation.

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RXQ.11.3.3.6 An Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Service requested;
- Action or status indicator;
- Historical usage request, and;
- Rejection reason code.

RXQ.11.3.3.7 Once the Enrollment Request for a Switch is confirmed by the Registration Agent, the Registration Agent should send the Enrollment Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe.

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RXQ.11.3.3.8 In addition, after confirming the Enrollment Request, the Registration Agent mails a notification letter to the Customer if required by the Applicable Regulatory Authority. The letter notifies the Customer of the Pending Enrollment, the name of the requesting Supplier, the method to rescind the Pending Enrollment and the deadline of the Rescission period.

RXQ.11.3.3.9 After receiving the Enrollment Request from the Registration Agent, the Distribution Company will confirm that the Switch is for a valid ESI ID.

RXQ.11.3.3.10 If the ESI ID is not confirmed by the Distribution Company, the Distribution Company should send the Registration Agent an Enrollment Rejection via Uniform Electronic Transaction within the required timeframe containing the applicable rejection reason code.

RXQ.11.3.3.11 When an Enrollment Rejection for a Switch is received by the Registration Agent from the Distribution Company, the Registration Agent should send the Enrollment Rejection via Uniform Electronic Transaction to the Supplier within the required timeframe.

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RXQ.11.3.3.12 The Distribution Company should send an Enrollment Confirmation via Uniform Electronic Transaction to the Registration Agent containing the scheduled Enrollment Effective Date if all of the following conditions exist:

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- The ESI ID has been confirmed by the Distribution Company;
- The Enrollment Request contains the required data elements, and;
- The Enrollment Request has passed Evaluation.

RXQ.11.3.3.13 An Enrollment Confirmation should contain the data elements found in RXQ.11.6. When known, the following information should be included:

- ESI ID;
- Customer name;
- Service address;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or status indicator;
- Status reason;
- Historical usage request;
- Special needs indicator;
- Distribution Company billing cycle;
- Scheduled field completion date;
- Meter number;
- Distribution loss factor code;
- Premise type;
- Station ID;
- Unmetered service type;
- Distribution Company load profile;
- Distribution Company rate class;
- Distribution Company rate sub class;
- Distribution Company meter reading cycle;
- Meter type;
- Meter constant on usage register;
- Number of dials/digits on usage register;
- Off-peak usage information, if applicable;
- On-peak usage information, if applicable;
- Meter constant on the demand register;
- Number of dials/digits on the demand register;
- Off-peak demand information, if applicable;
- On-Peak demand information, if applicable, and;
- Totalized metering information, if applicable.

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RXQ.11.3.3.14 The Registration Agent should send an Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier within the market-defined timeframe.

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RXQ.11.3.3.15 Once the pending Supplier's Enrollment Request is accepted by the Registration Agent, the Registration Agent should send a Drop Request via Uniform Electronic Transaction to the current Supplier and include a Drop Effective Date coinciding with the Enrollment Effective Date of the new Supplier.

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RXQ.11.3.3.16 A Drop Request from the Registration Agent to the current Supplier should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Service requested;
- Action or status indicator;
- Drop reason, and;
- Service period end date.

RXQ.11.3.3.17 If the current Supplier determines that the Drop Request is not for a valid ESI ID, the current Supplier should send a Drop Rejection via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.3.18 A Drop Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator, and;
- Drop Rejection reason.

RXQ.11.3.3.19 If the current Supplier determines that the Drop Request is for a valid ESI ID, the current Supplier should send a Drop Confirmation via Uniform Electronic Transaction to the Registration Agent.

RXQ.11.3.3.20 A Drop Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

Deleted: from the current Supplier

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- ESI ID;
- Supplier name and D-U-N-S Number;
- Registration Agent name and D-U-N-S Number, and;
- Action or status indicator.

RXQ.11.3.3.21 If the Customer receives a notification letter regarding their Pending Enrollment and chooses to request Rescission, the Customer may do so by contacting either the Registration Agent or the Supplier within the Rescission period.

RXQ.11.3.3.22 If the Customer contacts the Registration Agent for Rescission, the Registration Agent should send a Cancel Enrollment Request to the current Supplier, the pending Supplier, and the Distribution Company via Uniform Electronic Transaction. The Customer will continue to be served by the current Supplier.

RXQ.11.3.3.23 After the Customer requests Rescission, the Registration Agent should cancel the Pending Enrollment in its information system.

RXQ.11.3.3.24 A Cancel Enrollment Request should contain the data elements found in RXQ.11.6. At a minimum, the following Customer account information should be included:

- ESI ID;
- Customer name;
- Service address zip code;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or status indicator;
- Status reason code, and;
- Status reason description.

RXQ.11.3.3.25 After receiving the Cancel Enrollment Request and confirming that it can be honored, the pending Supplier, current Supplier and the Distribution Company should each send a Cancel Enrollment Confirmation via Uniform Electronic Transaction to the Registration Agent and cancel the Pending Enrollment in each of their information systems.

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RXQ 11.3.3.26 A Cancel Enrollment Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

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- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or Status Indicator;
- Status Reason Code, and;
- Status Reason Description.

RXQ.11.3.3.27 If the current Supplier, the pending Supplier or the Distribution Company cannot honor the Cancel Enrollment Request sent to them by the Registration Agent, each, as appropriate, should send a Cancel Enrollment Rejection via Uniform Electronic Transaction to the Registration Agent.

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RXQ.11.3.3.28 A Cancel Enrollment Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Distribution Company name and D-U-N-S® Number;
- Action or Status Indicator;
- Rejection Reason Code, and;
- Rejection Reason Description.

RXQ.11.3.3.29 If the Customer contacts the pending Supplier for Rescission, the pending Supplier should send a Cancel Enrollment Request to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.3.30 After receiving the Cancel Enrollment Request from the pending Supplier and confirming that it can be honored, the Registration Agent should send a Cancel Enrollment Confirmation via Uniform Electronic Transaction to the pending Supplier and should send the Cancel Enrollment Request via Uniform Electronic Transaction to both the current Supplier and to the Distribution Company.

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RXQ.11.3.3.31 If the Registration Agent cannot honor the Cancel Enrollment Request sent by the pending Supplier, the Registration Agent should send a Cancel Enrollment Rejection via Uniform Electronic Transaction to the pending Supplier.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11.3.3.32 After receiving the Cancel Enrollment Request from the Registration Agent and confirming that it can be honored, the current Supplier and the Distribution Company should each send a Cancel Enrollment Confirmation via Uniform Electronic Transaction to the Registration Agent.

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RXQ.11.3.3.33 If the current Supplier or the Distribution Company cannot honor the Cancel Enrollment Request forwarded to them by the Registration Agent, each, as appropriate, should send a Cancel Enrollment Rejection to the Registration Agent via Uniform Electronic Transaction.

RXQ.11.3.4 Customer Drop Process (Move-out)

RXQ.11.3.4.1 The Move-out process may be initiated by either the Customer or the Supplier for the purposes described in the Governing Documents.

RXQ.11.3.4.2 When the Customer initiates the Move-out process, they should contact the Supplier to provide authorization.

RXQ.11.3.4.3 When the Supplier initiates the Move-out process, they should notify the Customer of the Drop Effective Date being requested.

RXQ.11.3.4.4 Regardless of which party initiates the Move-out process, the Supplier should send a Drop Request via Uniform Electronic Transaction to the Registration Agent including the requested Drop Effective Date.

RXQ.11.3.4.5 A Drop Request should, at a minimum, contain the ESI ID and zip code to enable the Registration Agent to confirm that the Move-out is for a valid ESI ID.

RXQ.11.3.4.6 In addition to the ESI ID and zip code, a Drop Request for a Move-out should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name;
- Supplier name and D-U-N-S ® Number;
- Registration Agent name and D-U-N-S ® Number;
- Distribution Company name and D-U-N-S ® Number;
- Action or status indicator;
- Move-out date, and;
- Status reason.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

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RXQ.11.3.4.7 The Registration Agent will send a Drop Rejection via Uniform Electronic Transaction to the Supplier within the required timeframe containing the applicable rejection reason code if any of the following conditions exist;

- The ESI ID has not been confirmed by the Registration Agent;
- The Drop Request does not contain the required data elements, or;
- The Drop Request has been rejected by Evaluation.

RXQ.11.3.4.8 A Drop Rejection sent from the Registration Agent to the Supplier should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Supplier name and D-U-N-S ® Number;
- Registration Agent name and D-U-N-S ® Number;
- Action or status indicator, and;
- Rejection reason code.

RXQ.11.3.4.9 When the Supplier receives a Drop Rejection from the Registration Agent, the Supplier should investigate the rejection reason and notify the Customer of the rejection.

RXQ.11.3.4.10 The Registration Agent should log the pending Move-out into its information system and should send the Drop Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe if all of the following conditions exist;

- The ESI ID has been confirmed by the Registration Agent;
- The Drop Request contains the required data elements, and;
- The Drop Request has passed Evaluation.

RXQ.11.3.4.11 After receiving the Drop Request from the Registration Agent, the Distribution Company should confirm whether or not the Drop Request is for a valid ESI ID.

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RXQ.11.3.4.12 If the ESI ID is not confirmed by the Distribution Company, the Distribution Company should send a Drop Rejection via Uniform Electronic Transaction to the Registration Agent within the required timeframe containing the applicable rejection reason code.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
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Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11.3.4.13 A Drop Rejection sent from the Distribution Company to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Distribution Company name and D-U-N-S ® Number;
- Registration Agent name and D-U-N-S ® Number;
- Action or status indicator, and;
- Rejection reason code.

RXQ.11.3.4.14 When a Drop Rejection is received by the Registration Agent from the Distribution Company, the Registration Agent should send the Drop Rejection via Uniform Electronic Transaction to the Supplier within the required timeframe and cancel the pending Move-out in its information system.

RXQ.11.3.4.15 When the Distribution Company receives a Drop Request from the Registration Agent and confirms the ESI ID, the Distribution Company should send a Drop Confirmation via Uniform Electronic Transaction to the Registration Agent containing the Drop Effective Date.

RXQ.11.3.4.16 A Drop Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- ESI ID;
- Registration Agent name and D-U-N-S ® Number;
- Distribution Company name and D-U-N-S ® Number;
- Action or status indicator, and;
- Move-out date.

RXQ.11.3.4.17 After receiving and processing a Drop Confirmation, the Registration Agent should send the Drop Confirmation via Uniform Electronic Transaction to the Supplier within the required timeframe.

RXQ.11.3.4.18 After receiving a Drop Confirmation, the Supplier should process the Move-out.

RXQ.11.3.5 Account Information Change – Submitted by Supplier

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
Request No.: **2008 Retail Annual Plan Item No. 3 (i), (ii), and (iii)**
Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

RXQ.11.3.5.1 Account Information Change Requests should be submitted by Suppliers for the purposes described in the Governing Documents (typically, Customer contact name and phone number).

RXQ.11.3.5.2 The Supplier should send an Account Information Change Request via Uniform Electronic Transaction to the Distribution Company within the required timeframe prior to the desired Account Information Change Effective Date.

RXQ.11.3.5.3 An Account Information Change Request should contain the ESI ID and zip code to enable the Distribution Company to confirm that the change submitted is for a valid ESI ID.

RXQ.11.3.5.4 In addition to the ESI ID and zip code, an Account Information Change Request should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Customer contact name;
- Customer phone number;
- Customer zip code;
- Second Customer contact name;
- Second Customer contact phone number;
- Action or status indicator;
- ESI ID, and;
- Special needs indicator.

RXQ.11.3.5.5 The Distribution Company should send an Account Information Change Confirmation via Uniform Electronic Transaction to the Supplier within the required timeframe if all of the following conditions exist:

- the ESI ID is confirmed;
- the Account Information Change Request has the required elements, and;
- the Customer is currently served by the Supplier.

RXQ.11.3.5.6 An Account Information Change Confirmation should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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- Supplier name and D-U-N-S® Number;
- Action or status indicator;
- ESI ID, and;
- Special needs indicator.

RXQ.11.3.5.7 The Distribution Company should send an Account Information Change Rejection via Uniform Electronic Transaction to the Supplier containing the applicable rejection reason code within the required timeframe if any of the following conditions exist:

- the ESI ID is not confirmed;
- the Account Information Change Request does not have the required elements, or;
- the Customer is not served by the Supplier.

RXQ.11.3.5.8 An Account Information Change Rejection should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason;
- ESI ID, and;
- Special needs indicator.

RXQ.11.3.6 Account Information Change – Submitted by Distribution Company

RXQ.11.3.6.1 Account Information Change Requests should be submitted by Distribution Companies for the purposes described in the Governing Documents (typically, billing address, meter exchange, Distribution Company account number, meter read cycle, capacity and transmission obligation, etc.)

RXQ.11.3.6.2 The Distribution Company should send an Account Information Change Request via Uniform Electronic Transaction to the Registration Agent within the required timeframe.

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RXQ.11.3.6.3 After receiving an Account Information Change Request from the Distribution Company, the Registration Agent should send an Account Information Change Confirmation to the Distribution Company via

Uniform Electronic Transaction within the required timeframe if both of the following conditions exist:

- the ESI ID is confirmed, and;
- the Account Information Change Request has the required elements.

RXQ.11.3.6.4 The Registration Agent should send an Account Information Change Rejection via Uniform Electronic Transaction to the Distribution Company containing the applicable rejection reason code within the required timeframe if any of the following conditions exist:

- the ESI ID is not confirmed, or;
- the Account Information Change Request does not have the required elements.

RXQ.11.3.6.5 An Account Information Change Request sent from the Distribution Company to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name (if changing);
- Customer service address (if changing);
- Zip code;
- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Distribution loss factor code (if changing);
- Premise type (if changing);
- ESI ID;
- Station identifcation (if changing);
- Special needs indicator (if changing);
- Power region (if changing);
- Reason for change;
- Account Information Change Effective Date;
- Eligibility date of change (if changing);
- Meter level information change code;
- Old meter number (if meter exchange);
- New meter number (if meter exchange);
- Meter multiplier (if changing);
- Number of dials (if changing);
- Meter type (if changing);
- Load profile (if changing);

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Request Title: **Customer Enrollment, Drop and Account Information Change Using a Registration Agent**

- Distribution Company rate class (if changing);
- Distribution Company rate subclass (if changing);
- Start meter read of new meter (if meter exchange);
- End meter read of old meter (if meter exchange);
- Meter exchange date (if applicable);
- Meter owner type (if changing);
- Unmetered service type (if changing), and;
- Meter reading cycle (if changing)

RXQ.11.3.6.6 An Account Information Change Confirmation sent from the Registration Agent to the Distribution Company should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator, and;
- ESI ID.

RXQ.11.3.6.7 An Account Information Change Rejection sent by the Registration Agent to the Distribution Company should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason code,
- Rejection reason description, and;
- ESI ID.

RXQ.11.3.6.8 After receiving an Account Information Change Request from the Distribution Company, the Registration Agent should send an Account Information Change Request via Uniform Electronic Transaction to the Supplier within the required timeframe if both of the following conditions exist:

- the ESI ID is confirmed, and;

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- the Account Information Change Request has the required elements.

RXQ.11.3.6.9 An Account Information Change Request sent from the Registration Agent to the Supplier should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Customer name (if changing);
- Customer service address (if changing);
- Zip code;
- Supplier name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Distribution loss factor code (if changing);
- Premise type (if changing);
- ESI ID;
- Station identifcation (if changing);
- Special needs indicator (if changing);
- Power region (if changing);
- Reason for change;
- Account Information Change Effective Date;
- Eligibility date of change (if changing);
- Meter level information change code;
- Old meter number (if meter exchange);
- New meter number (if meter exchange);
- Meter multiplier (if changing);
- Number of dials (if changing);
- Meter type (if changing);
- Load profile (if changing);
- Distribution Company rate class (if changing);
- Distribution Company rate subclass (if changing);

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
For Quadrant: Retail Electric (REQ) and Retail Gas (RGQ) Quadrants

Requesters: **Joint REQ/RGQ BPS**
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- Start meter read of new meter (if meter exchange);
- End meter read of old meter (if meter exchange);
- Meter exchange date (if applicable);
- Meter owner type (if changing);
- Unmetered service type (if changing), and;
- Meter reading cycle (if changing)

RXQ.11.3.6.10 After receiving an Account Information Change Request from the Registration Agent, the Supplier should send an Account Information Change Confirmation via Uniform Electronic Transaction to the Registration Agent within the required timeframe if both of the following conditions exist:

- the ESI ID is confirmed, and;
- the Account Information Change Request has the required elements.

RXQ.11.3.6.11 An Account Information Change Confirmation sent from the Supplier to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Registration Agent name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator, and;
- ESI ID.

RXQ.11.3.6.12 The Supplier should send an Account Information Change Rejection via Uniform Electronic Transaction to the Registration Agent containing the applicable rejection reason code within the required timeframe if any of the following conditions exist:

- the ESI ID is not confirmed, or;
- the Account Information Change Request does not have the required elements.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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RXQ.11.3.6.13 An Account Information Change Rejection sent by the Supplier to the Registration Agent should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Registration Agent name and D-U-N-S® Number;
- Supplier name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason code,
- Rejection reason description, and;
- ESI ID.

RXQ.11.3.6.14 If the Registration Agent receives an Account Information Change Rejection from the Supplier, the Registration Agent should send the Account Information Change Rejection to the Distribution Company via Uniform Electronic Transaction within the required timeframe.

RXQ.11.3.6.15 An Account Information Change Rejection sent by the Registration Agent to the Distribution Company should contain the data elements found in RXQ.11.6. At a minimum, the following information should be included:

- Distribution Company name and D-U-N-S® Number;
- Registration Agent name and D-U-N-S® Number;
- Action or status indicator;
- Rejection reason code,
- Rejection reason description, and;
- ESI ID.

RXQ.11.4 Models

See Attachment 1 - http://naesb.org/pdf3/2008_retail_api3_i_ii_iii_rec_attach.ppt

RXQ.11.4.1 Customer Enrollment Using a Registration Agent (RA) Process Flow Diagram (Move-in)

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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RXQ.11.4.2 Customer Enrollment Using a Registration Agent Process Flow Diagram (Switch)

RXQ.11.4.3 Customer Drop Using a Registration Agent (RA) Process Flow Diagram (Move-out)

RXQ.11.4.4 Account Information Change Request Using a Registration Agent Submitted by Supplier Process Flow Diagram

RXQ.11.4.5 Account Information Change Request Using a Registration Agent Submitted by Distribution Company Process Flow Diagram

4. SUPPORTING DOCUMENTATION

a. Description of Request:

2008 Retail Annual Plan Item No. 3 – Customer Enrollment, Drop and Account Information Change Using a Registration Agent – Develop practices when using a Registration Agent for submitting and receiving, processing and fulfilling a Customer's request to enroll with or leave a Supplier (including Suppliers Dropping Customers) and for maintaining current Customer account information, and for notifying affected parties.

b. Description of Recommendation:

These Model Business Practices detail the processes for Customer Enrollment (which includes Move-ins as well as Switches), Drop (Move-outs), and Account Information Change for a competitive energy market in which there is a Registration Agent.

c. Business Purpose:

See above

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d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

Customer Enrollment, Drop and Account Information Change Using a Registration Agent Model Business Practices were discussed by the Joint REQ/RGQ Business Practices Subcommittees at the following meetings and conference calls:

Initial Overview discussion

April 11 – 12, 2006	Meeting

Customer Enrollment

October 17-18, 2006	Meeting
June 12, 2007	Conference Call
July 24-25, 2007	Meeting
September 13, 2007	Conference Call
October 16-17, 2007	Meeting
December 4, 2007	Conference Call
January 15-16, 2008	Meeting

Customer Drop

January 15-16, 2008
February 27, 2008

Customer Account Information Change

January 15-16, 2008
February 27, 2008

The minutes of all meetings and conference calls are posted on the NAESB REQ and RGQ Business Practices Subcommittees web pages.

At the January 15-16, 2008 meetings by a vote of 7 In Favor and 0 Opposed, the Joint REQ/RGQ Business Practices Subcommittees voted to release the Customer Enrollment Model Business Practices and Process Flow Diagrams to the Joint REQ/RGQ Executive Committees for posting and approval, and to the Information Requirements Subcommittee for development of technical implementation.

On the February 27, 2008 conference call by a vote of 8 In Favor and 0 Opposed, the Joint REQ/RGQ Business Practices Subcommittees voted to release the Customer Drop Model Business Practices and Process Flow Diagrams to the Joint REQ/RGQ Executive Committees for posting and approval, and to the Information Requirements Subcommittee for development of technical implementation.

RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE
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On the February 27, 2008 conference call by a vote of 6 In Favor and 0 Opposed, the Joint REQ/RGQ Business Practices Subcommittees voted to release the Customer Account Information Change Model Business Practices and Process Flow Diagrams to the Joint REQ/RGQ Executive Committees for posting and approval, and to the Information Requirements Subcommittee for development of technical implementation.

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

TAB 4

DSM-EE Activities

- The status report is presented here for review. The materials are provided for discussion purposes and no action is required of the REQ and RGQ EC members.
- The materials in Tab 4 correspond to agenda item 4.

North American Energy Standards Board
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NAESB DSM-EE ACTIVITY SUMMARY
MARCH 29, 2008

DSM-EE PROJECT – ASSIGNED TO RETAIL GAS, RETAIL ELECTRIC AND WHOLESALE ELECTRIC:

- **April 11, 2007:** Several representatives of the NAESB WEQ, REQ, and RGQ as well as representatives of the US Department of Energy, US Environmental Protection Agency, FERC, and other industry experts met at the Department of Energy offices in Washington, D.C. to discuss the NAESB effort to draft business practices for Demand Side Management and Energy Efficiency. Ongoing Energy Efficiency and DSM projects and programs by other groups (such as NAPEE) were reviewed by the meeting attendees. The following resolution outlines the scope of the initial effort by NAESB to draft business practice standards for these topics: It was decided that NAESB should begin its standards development focus on measurement and verification of energy savings and peak demand reduction from both a wholesale and retail electric market perspective. A future schedule of meetings for DSM and Energy Efficiency should be posted on the NAESB website shortly.
- **May 24, 2007:** 75 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants (22% more than the first meeting) met in person and by conference telephone at NAESB headquarters in Houston to refine the scope of Phase 1 activities, agreeing on a specific list of tasks and assigning subgroups of volunteers to work on each task. At this meeting, no less than 28 individuals spoke to the group.
- **June 18, 2007:**. 51 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants met in person and by conference telephone at BGE offices in Baltimore to further refine the scope of Phase 1 activities by reviewing the initial task list and revising it with more detailed deliverable requirements and dates, and with identification of base documents to support completing each task.
- **July 26, 2007:** 46 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants met in person and by conference telephone at AGA offices in Washington DC to present deliverables of existing demand response measurement and verification protocols and a list of 41 possible topics and subtopics for NAESB model business practices. The task force reviewed all 41 possibilities, deciding whether to draft MBPs and which ones can be grouped together.
- **September 14, 2007:** The results of the meeting including possible standards text were sent out for comment including notes, considerations and possible standards text. Comments were requested on each of the nine standards development areas including whether the remarks were directed to wholesale or retail markets, pre program evaluation or post implementation evaluation, or to DSM or EE projects.
- **September 25, 2007:** A DSM-EE meeting was held in Austin, Texas hosted by ERCOT. The purpose of the meeting was to review the comments, determine the level of progress made towards the task list and determine is adjustments to the task, focus or schedule were needed. When reviewing the comments it was determined to focus in five areas specific to demand response programs, and develop business practice standards that would prove helpful – (1) DR programs administered by ISOs and RTOS in the wholesale markets, (2) DR programs administered by utilities in wholesale markets, (3) DR programs administered by utilities in the retail markets, (4) a glossary to support the DR programs, and (5) a preamble to put the business practice standards in context. To focus on the DR programs, each of the three areas outlined will develop a matrix that describes the aspects of the DR programs in effect today, planned, or has been in effect in the past.
- **November 6, 2007:** Several of the NAESB leadership met with Commissioners Kerr and Ervin of NC to gain further understanding of expectations for DSM-EE NAESB activity for electricity for the retail markets.
- **November 11, 2007**: NAESB participated in a panel on DSM-EE at the NARUC Annual Meeting in Anaheim.
- **November 30, 2007:** Meeting hosted by Dominion in Richmond. During the meeting, each of the five groups described the progress made and plans to date. Drafts of the three matrices were reviewed, as was a draft glossary

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NAESB DSM-EE ACTIVITY SUMMARY
MARCH 29, 2008

and outline for the preamble. It is possible that the two wholesale matrices will be combined, as The calendar for 2008 was also set. The next meeting is scheduled for January 23 in Baltimore hosted by BGE.

- **December 3, 2007:** A meeting was held with Commissioner Mason of Ohio to gain further understanding of expectations for DSM-EE NAESB activity for natural gas for the retail markets.
- **January 23, 2008:** The group met in Baltimore to review progress on the two matrices, the preamble and the glossary. The wholesale matrix for DR programs administered by ISOs and RTOs was reviewed. Data is being placed in five separate categories -Initial Testing and Auditing, Ongoing Testing and Auditing, Triggering; Construction, Statistical Analysis, Performance and Baselines. The matrix for retail DR programs is lagging but several companies have provided or agreed to provide data – including BGE, Dominion, ConEd, Alabama Power and ComVerge. Procedures for how to collect the data was discussed with both interviews online and distributed surveys discussed. Both the preamble and glossary while first drafts are available are dependent on the work of the matrices and cannot be further developed until after more progress has been made on the matrices.
- **March 28, 2008:** The group met in Houston to review progress on the two matrices. The wholesale matrix for DR programs administered by ISOs and RTOs was reviewed. The matrix had expanded significantly to provide for more comparability for responses. 45 DR programs have been identified and the data is now being verified. A template for the type of standards to be expected from this effort was reviewed. The retail matrix now has additional data and several interviews were conducted online, with the conclusion that it is the preferred way to gather data. The retail group is to set up a face-to-face meeting in May to review the matrix and make changes before sending it out to utilities for interviews.
- **Planned, May 30, 2008** – Planned meeting hosted by ISO-NE in Holyoke
- **Planned, July 30, 2008** – Planned meeting hosted by NAESB office in Houston
- **Planned, September 30, 2008** – Planned meeting hosted by ERCOT in Austin
- **Planned, December 2, 2008** – Planned meeting hosted by NAESB office in Houston

THE FOLLOWING INCLUDES:

- DSM-EE DISTRIBUTION LIST PAGE 3
- RETAIL MATRIX AND WORK PLAN 11
- WHOLESALE WORK PLAN AND MATRIX 26

LINKS ON THE NAESB WEB SITE:

- DSM-EE NAESB PAGE FOR MEETINGS AND MATERIALS: http://www.naesb.org/dsm-ee.asp
- RELEVANT DOCUMENTS AND WORK PAPERS: http://www.naesb.org/dsm-ee_doc.asp

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NAESB DSM-EE DISTRIBUTION LIST SORTED BY ORGANIZATION

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Carl L. Wilkins, Advanced Energy
H. Neal Allen, Alabama Power Company
Judy W. Ray, Alabama Power Company
David P. Johnson, Allegheny Energy, Inc.
Cynthia A. Menhorn, Allegheny Energy
Terri Grabiak, Allegheny Power
Thomas Rone, Allegheny Power
Jason J. Wojciechowicz, Allegheny Power
Bill Prindle, American Council for an Energy Efficiency Economy (ACEEE)
Lonni Dieck, American Electric Power
Sherri Monteith, American Electric Power
Mariam Arnaout, American Gas Association (AGA)
Paula Gant, American Gas Association (AGA)
Allen Mosher, American Public Power Association
S Balakrishnan, ANB Enterprises, Inc.
Bob Gray, Arizona Corporation Commission
Meg Matt, Association of Energy Services Professionals (AESP)
Bob Rowe, Balhoff & Rowe, LLC
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RETAIL PLAN

Retail Matrix Work Plan for NAESB EE/DSM Standards

Task/Description/Steps	Status
1 FINALIZE THE RETAIL MATRIX SPREADSHEET	
The retail matrix spreadsheet will provide the basis for a utility survey to determine what types of M&V are currently underway for current or past DR programs and what is planned for new programs.	
• Decide if spreadsheet needs to be reformatted. *Assigned to Rae McQuade, presented at the January DSM-EE meeting.*	Completed – 1-17-08
• Add additional columns – past programs, current programs, proposed programs *Assigned to Rae McQuade, presented at the January DSM-EE meeting.*	Completed – 1-17-08
• Add examples from BGE and Alabama Power *Examples provided by BGE (Ruth Kiselewich) and Alabama Power (Neal Allen).*	Completed – 1-17-08
• Add examples from ConEd and Puget Sound Energy *Examples were provided by Puget Sound Energy (Bob Harshbarger) but a follow up call is needed to ensure correct entry to the matrix. ConEd has been contacted. Rip Newcomb and Rae McQuade to contact ConEd and PSE, complete via conference call, and web cast.*	Completed – 3-18-08, ConEd review of matrix entries is not complete.
• Determine if other examples should be added. *Add additional examples from Dominion and reach out to ComVerge. Alabama Power review of its entries in light of the others added. ComVerge has been contacted and may provide data.*	March 31, 2008
• Review the examples to determine if matrix should be revised to provide the analysis needed in later steps. Review for lessons learned with the ISO-RTO Council in its matrix development and reflect such modifications in the retail matrix. Modify instructions based on interviews.	After March 28, 2008
2 PREPARE SURVEY	
The survey will be used to solicit other utility responses for DR programs that they have administered, currently administer or plan to administer. The data will be entered into the retail matrix spreadsheet.	
• Provide cover letter draft for review.	Outline prepared for review pre-March 28.
• Describe the purpose of survey, what is expected and how to respond. Prepare a white paper as part of the cover letter that would outline expectations.	Outline prepared for review pre-March 28.
• The cover letter introducing the survey should allow for two methods of data collection: (1) Phone survey with matrix filled in during conference call/web cast wit the submitter including work papers forwarded prior to the call, or (2)	

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Retail Matrix Work Plan for NAESB EE/DSM Standards

Task/Description/Steps	Status
submitter providing responses directly into the matrix, which may then require a follow up call should additional information be required for the responses.	
• Consider preparation of tutorial (access instructions work sheet from the retail matrix and elaborate to prepare a tutorial) – this may not be required if the instructions are sufficient and we address data collection primarily via the web cast interview process.	Set up a task force call for this after calls with PSE and ConEd. and cover letter has been drafted
3 CONDUCT SURVEY	
The survey instrument will request each participant to submit his or her responses. Responses will be reviewed and segregated into types of programs. A summary report will be produced which describe the quality of the responses and the general types of programs that were submitted. This will be a qualitative assessment to determine the next steps of evaluation and the level of effort required.	
• Identify target audience of utilities.	
• Forward survey and contact utility to determine method of completion of survey for matrix entry.	
• Assemble responses in matrix and review for consistency.	
• Identify follow up contacts as a result of review.	
4 COLLECT AND SUMMARIZE SURVEY RESULTS	
• Identify similarities within programs, related to M&V that may support development of business practices.	
• Identify regional aspects that should be preserved.	
• Determine if business practices have target area for applicability.	
5 REPORT TO NAESB	
Report out on preliminary assessment of the responses with a proposed work plan to complete the analysis and recommend next steps.	
• Draft report	

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RETAIL PLAN

Retail Matrix Work Plan for NAESB EE/DSM Standards

Task/Description/Steps	Status

- Review draft report with contributors and edit as needed
- Prepare presentation of results for DSM-EE subcommittee

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RETAIL MATRIX

How to use this Matrix:

To the best of your ability fill in the matrix with tje descriptions for the columns as noted below. If there are multiple programs or product names or triggers within a Class of DR Resource, please include their names and the trigger actions as appropriate . If there are different M&V requirements within a Class of DR Resource include them separated by a notation as to which product name it applies. There is no limit to the amount of information you add for each box, (this should occur rarely). Please note that the description text provided for specific programs is used as examples to put the issue identified in the heading within context. Companies may have different or similar descriptions for programs. There may or may not have differences in program qualification versus program implementation.

This Section in below in Blue is meant to clarify and focus the M&V content to be filled in the matrix following

Column Header	Objective	Frequency	Description
Qualification/ testing/ auditing	To ensure that the DR resources are capable of performing, thereby delivering the product(s) being purchased.	Prior to participation in market, and ongoing.	Up front process to verify adequate infrastructure (measurement & data recording and communication equipment and data validation procedures) in place. May include on-site inspections, data transfers, actual load reduction test to verify that the resource is able to deliver the committed reductions. Process & procedures for disqualification. THe data entered should answer the question: "How do you verify that the equipment is operating as expected?"
Data reporting- frequency and monitoring	To ensure adequate information to measure DR performance, accurate settlement and real-time operating data as appropriate.	Ongoing and/or event-driven.	Requirements around transmittal of meter and/or telemetry data to market. Includes validation, editing & estimation (VEE). *If reporting for a particular product is differentiated by what it is used for, e.g. operations, planning or settlement only. For VEE - addressing missing values, high-low checks, etc.*.Utility best practices should be followed in addressing missing data or questionable data with techniques used to estimate or edit data. Retail business practices may be developed to define parameters supporting addressing estimates or editing to replace missing or questionable data.

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Column Header	Objective	Frequency	Description
Meter and equipment standards	To ensure appropriate granularity (frequency of data collection), frequency of data communication, accuracy and validity of data.	Ongoing or event-driven.	Requirements for meter accuracy, calibration, precision & testing *and frequency of above.* This could include support of ANSI standards for the performance of the meter equipment or control devices for the equipment. There is a difference between the sample population and the normal target population and is dependent on the investment made by the utility.
Performance/ baseline	To ensure the methodologies and techniques used to calculate load response and/or recovery produce results that are within the required error tolerances (i.e., +/- X%).	Ongoing or event-driven.	Method(s) and techniques used to calculate the DR resource's expected load absent the DR instruction or request. Load response is the difference between its actual metered load and the calculated baseline. Baselines may vary depending on age of equipment and other criteria. The following questions may be answerd in the responses for performance/baseline: *How is the baseline calculated? How is an acceptable default reached for a utility operating in a non-ISO footprint?* In comparison to the wholeasle market, ISOs establish baselines and compare to usage immediately prior to an event.
Statistical sampling of non-interval metered loads	To ensure that the methodologies and techniques used to calculate load response and/or recovery create a statistically valid use alternative to interval metering for measuring DR performance or aggregations of loads, produce results that are statistically valid.	Ongoing or event-driven.	Methodology for creating a statistically valid alternative to universal interval metering, to include precision & accuracy requirements, sample size and selection requirements and bias control.
Deployment Limitations	Define any maximum number of events or hours of program deployment. *Limitations of the number of times the event is called, the length of an event, the % of participants*	N/A	Restrictions of program operation and /or participation. Limitations of the number of times the event is called, the length of an event, the % of participants

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Column Header	Objective	Frequency	Description
Regulatory and market context	*This would be helpful to identify the different regulatory contexts under which programs operate.*	N/A	Context under which the service or program is being offered.
Class of DR Resources	Notes:		
Submitter	These columns were added to indicate the submitters and the status of the programs described		
Status	These columns were added to indicate the submitters and the status of the programs described		
Product Type			
Category	Ancillary Services, Capacity, Energy Voluntary, Energy Price		
Program or Product Name	Need to compile a list of programs. Each ISO/RTO calls their products and programs different things. In order to track and define similarities and then translate that back to each ISO/RTO this field should include the program or product name		
When is Product expected to perform - Trigger events	Questionable on whether this is needed for development of M&V model business practices for the retail market - this column is needed for the ISO/RTO matrix. This trigger event will probably vary from company to company. Triggers require date and time stamps. Each ISO/RTO program or product has unique trigger events their products and programs different things. In order to track and define similarities and then translate that back to each ISO/RTO this field should include the trigger action for the program or product.		

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RETAIL MATRIX

NAESB Retail Matrix as of March 28, 2008

Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
Capacity	Submitter	Dominion, Ripley Newcomb, 804-771-4637, ripley.newcomb@dom.com		Verification: Operate a pilot program to determine that at least 95% of devices both receive and respond to signal to turn off WH at the beginning of the program. Depending on the manufacturers and device, the verification may come from a signal back from device, a data logger, or an IDR on the meter. Ongoing, a sample of at least 250 devices should be tested at least every 5 years to determine the overall failure rate and to develop a net to gross ratio. This ratio will be applied to the deemed kW per customer reduction from the load study.	Data from IDR will be collected on monthly meter reading route for pilot and sample accounts. When program is implemented, the profiled reduction from the sample will be deemed to be the reduction for the program population. Monthly data will be required for PJM settlement	The customer's meter will continue to be used for billing determinants. The WH control switches should be included in the periodic meter tests to verify that 95% of the devices remain operational. The communication signal must be tested annually. Accounts in the load profile sample should have an end-use recorder on the water heater as well as a whole house recorder. Thirty minute interval data is adequate, although fifteen minute data on the water heater is considered preferable.	The algorithm that provides a reasonable estimate of normal customer usage absent any water heater interruption will be utility (and program specific). The CBL formula that is approved by the utility's ISO should be an acceptable default alternative.	An initial sample of 250 homes will provide a reasonably accurate estimate of load reduction that should be within =/- 5% of the true mean at a 90% confidence interval. The estimate for each demand reduction should be calculated with a 90% confidence level and the accuracy determined for each load reduction. An average error bound within +/- 10% will be considered to be accurate. If the net to gross operability study has remained at or above 90%, a sample of 100 homes will be adequate and should produce an error bound within =/- 5%. If net to gross operability drops below 90%, then a full sample of 250 homes will be required. If a tighter error bound is necessary, a larger sample will be required. (NOTE: This recommendation based on "PJM Deemed Savings for Legacy AC/WH Programs" report.)		
	Status	Program not in effect today								
	Product type									
	Category									
	Program or Product Name	Residential Water Heater Control Program								
	Trigger Events	when system load is critical (defined as ____) or when zone load is priced at or above $____ or transmission constraints in zone (defined as _____)								

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RETAIL MATRIX

NAESB Retail Matrix as of March 28, 2008										
Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
Energy Price	Submitter	Dominion, Ripley Newcomb, 804-771-4637, ripley.newcomb@dom.com		Each customer site will provide a dedicated IBM compatible PC with a modem in order to receive the price transmissions and the telecommunication equipment needed for the company to communicate with the meter (dedicated phone line, cellular phone modem, etc.) The company will provide the software to allow receipt of the RTP prices as well as to perform analytical and graphical functions. The company will install an IDR . A rate contract will be executed to insure that the customer fully understands the rate and agrees to a one year minimum commitment. (NOTE: the existing RTP rate is currently closed to new customers.)	The company will maintain access through the provided phone line and will collected half-hourly load data every 24 hours.	Standard billing meter and IDR, meeting company standards for accuracy. Modem and phone line provided by customer.	See Dominion VA Power rate sch.. RTP, paragraph V. DETERMINATION OF BASELINE KW LEVELS, BASELINE ENERGY LEVELS, AND INCREMENTAL ENERGY USAGE.	Not sampled.		
	Status	Program not in effect today								
	Product type									
	Category									
	Program or Product Name	Real Time Pricing rate (RTP)								
	Trigger Events	when system load is critical (defined as ____) or when zone load is priced at or above $____ or transmission constraints in zone (defined as _____)								

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NAESB Retail Matrix as of March 28, 2008

Specifics of the DR Program Being Described			M&V Aspects of the DR Programs						
Class of DR Resources			Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
Capacity	Submitter	Puget Sound Energy, Shannon McCormick, 425-256-2399, shannon.mccormick@pse.com	The pilot program is administered by EnerNOC for PSE. Participants are provided a no-cost site assessment of potential curtailable loads. Site enablement requires of demand pulse interval meter data and appropriate LAN connections. Five-minute interval meter data is continuously passed via an Internet LAN connection to the EnerNOC's network operations center in Boston, MA. The data is collected during the event, which can span from one to four hours. The participants are estimated to on average curtail 100 - 200 kW in the winter season (November - February) and 100 - 200 kW in the summer (May - September).	The pilot seeks to provide PSE to practical knowledge and performance data for customer facilities during winter and summer control events. Continuous, near real-time interval meter data supports measurement of capacity performance, baseline readings and development of the load adjustment. When the event is called, the participants are notified one hour ahead - for winter season notification windows (6 am to 9 am and 5 pm to 9 pm) and the summer	Demand pulse interval meters are installed at the participants sites as well as a pulse splitter to permit EnerNOC to receive the meter data.	Performance is calculated based on a baseline determined from the highest thee days out of the previous ten business days for a given participant.	Not applicable	The participants represent a mix of facility/operation/load types, of which a maximum of 24 participants can be accommodated in the program. The program is operational from November 2007 to December 2009. The financial incentives offered for participants in measured capacity curtailment is capped at $5000 per participant per season, (provided through $20/kW seasonal average curtailment).	The program is operational in King County, Washington, and falls under the jurisdiction of Washington Utilities and Transportation Commission. The rate schedule is Electric Schedule 249A.
	Status	Pilot program in effect today and began November 2007. The program will end in December 2009.							
	Product type	Direct Load Control							
	Category	Capacity							
	Program or Product Name	Commercial-Industrial Load control Pilot Program							

RETAIL MATRIX

NAESB Retail Matrix as of March 28, 2008

Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
	Trigger Events	The program is triggered by weather conditions determined by PSE resource planners.			notification window (2 pm to 6 pm). Following each event, EnerNOC reports to PSE the five minute interval kW data files (for each site) covering the (10 business day) baseline calculation period, through to the end of the event day. PSE separately maintains its own 15 minute utility meter data files for evaluation purposes.					
Price and Capacity Program	Submitter	ConEd, Elena Futoryan, 212-460-2228, futoryane@coned.com		This is not a pilot. A revenue grade interval meter with phone lines is required. For customers -- 50 KW reduction, and for load aggregators -- 100 KW reduction, for 4 consecutive hours. Audit is required for the mandatory program. The maximum commitments are pending approval. In 2007, the maximum was 6 hours per capability period. May 1 to October 31 is the summer capability period for the mandatory program. There is	The customers are billed on the data and it is collected daily. The meters are 15 minute interval meters. The data is 15-minute interval data, and the baseload level should be met every hour - so the data is rolled up to hourly. The data is collected after an event is called, at least within a week. The data is stored in	Revenue grade interval meters must be used with appropriate telephone lines. Precision levels should be available.	Performance is calculated based on NYISO methodology for capacity and energy payments.	not applicable	Under review - tariff pending approval	NY PSC
	Status	In effect today								
	Product type									
	Category									
	Program or Product Name	Reservation Payment Program								

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NAESB Retail Matrix as of March 28, 2008										
Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
	Trigger Events	The program is triggered in heavy demand conditions as provided by the tariff. The trigger levels are under consideration now and may be changed.		no winter capability option for the mandatory program at this time.	a time stamp meter.					
Capacity	Submitter	Alabama Power, Neal Allen, 205-257-6579, hnallen@southernco.com		Two way communication devices. We send test and customers respond. Test periodically.. In addition, "in field" tests are performed periodically as well.	Interval metered data captured and maintained. Actual load evaluated when IS call occurs. Normal load levels evaluated when no call occurs. This allows for a determination of expected results when called. Program requirements are that customer drop to firm level during a call. No "reduction" constraints utilized.	Utilizes revenue quality meters.	The IS customer is required to cut load to the contracted firm load level. Actual load dropped is determined by evaluating pre and post event load levels of each customer.	N/A	Customer has options to choose various call constraints. Chosen option determines the credit amount to the customer for non-firm load.	PSC regulated tariff
	Status	In effect Today								
	Product type	Interruptible Load								
	Category	Capacity								
	Program or Product Name	Industrial Interruptible Program, IS Program								
	Trigger Events	During a System Reliability Alert "System Alarm" notice. Can be utilized for locational reliability issues if necessary.								

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NAESB Retail Matrix as of March 28, 2008

Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
Capacity	Submitter	Alabama Power, Neal Allen, 205-257-6579, hnallen@southernco.com		Two way communication devices. We send test and customers respond. Test periodically.. In addition, "in field" tests are performed periodically as well. Generators are remotely started monthly for reliability purposes.	Two way communication confirms operating equipment.	Utilizes revenue quality meters.	No baseline requirements. Equipment rating and reliability testing determines expected reduction for a call.	N/A	Program rules set minimum 250 kW size to participate in the program. Program call constrained to 8 hours per day, 5 days per week, 240 hours per year.	PSC regulated tariff
	Status	In effect Today								
	Product type	Utilization of customer owned generation								
	Category	Capacity								
	Program or Product Name	Stand By Generator Program								
	Trigger Events	During a System Reliability Alert "System Alarm" notice. Can be utilized for locational reliability issues if necessary.								
Energy	Submitter	Alabama Power, Neal Allen, 205-257-6579, hnallen@southernco.com		Originally offered years ago prior to any qualification or auditing requirements. None exist today.	TOU metered data captured and maintained. No change or reduction constraints exist.	Utilizes revenue quality meters.	No performance levels expected therefore no baseline required.	N/A	Various TOU rates are available to customers meeting specific SIC codes. Some require separate metering for specific end uses such as irrigation pumps, electric	PSC regulated tariff
	Status	In effect Today								
	Product type	TOU Rates								
	Category	Energy price								

RETAIL MATRIX

NAESB Retail Matrix as of March 28, 2008										
Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
	Program or Product Name	TOU Rates							vehicle charging, etc.	
	Trigger Events	Various types of TOU rates exist for various types of residential, commercial, and industrial customers. Rates vary by fixed customer charge, season, and time of day. Majority of rates are based on summer and non-summer seasons with peak, intermediate, and off-peak rate periods.								
Capacity	Submitter	BGE, Ruth Kiselewich, 410-470-1361, ruth.c.kiselewich @bge.com		BGE tests a sample of switches periodically. Switch operability studies must be conducted every 5 years, according to PJM, Manual 19: Load Data Systems.	In addition to the periodic sampling of switch operability, BGE conducts Load Research Studies to estimate the average impact for each participant in the	For its Load Research Studies, BGE uses ANSI certified meters that have been approved by the PSC for load recording.	For the development of average impacts for water heating, BGE compares non-event days to event days using a comparison of means. The	Load data are obtained from meters that were installed on 65 customers' water heaters. This stratified sample design provides a confidence of 90% ± 10% accuracy.		
	Status	In effect Today								

RETAIL MATRIX

NAESB Retail Matrix as of March 28, 2008

Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
	Product type				program.		difference between these two (2) load shapes forms the average impacts. PJM requires average impacts for each hour between noon and 8 p.m. The non-event profile is comprised of the hottest days of the summer.			
	Category									
	Program or Product Name	BGE's Residential Water Heater Control Program (Rider 6)								
	Trigger Events	BGE can activate switches up to 15 times per year for reliability or economic reasons.								
Capacity	Submitter	BGE, Ruth Kiselewich, 410-470-1361, ruth.c.kiselewich @bge.com		BGE tests a sample of switches periodically. Switch operability studies must be conducted every 5 years, according to PJM, Manual 19: Load Data Systems.	In addition to the periodic sampling of switch operability, BGE conducts Load Research Studies to estimate the average impact for each participant in the program.	For its Load Research Studies, BGE uses ANSI certified meters that have been approved by the PSC for load recording.	For the development of average impacts for air conditioning, BGE compares non-event days to event days using regression analysis. The model estimates the average impact provided a particular weather	Load data are obtained from meters that were installed on 100 customers' air conditioner units. This stratified sample design provides a confidence of 90% ± 10% accuracy.		
	Status	In effect Today								
	Product type									
	Category									

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Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limiations	Regulatory and market context
	Program or Product Name	BGE's Residential Air Conditioner Control Program (Rider 5)					conditions. PJM requires average impacts for each hour between noon and 8 p.m.			
	Trigger Events	There is no limit to the number of times BGE can activate switches for reliability or ecomic reasons.								

To the extent that NAESB can provide some protocols that would assist groups such as ISOs in evaluating the effectiveness of programs would be helpful.

Time of Use
Examples:
Schedule of prices published such the consumer can determine his energy consumption based in part on price signals published.

Real Time Pricing

Demand Charges

Peak Time Rebates

Planning Peak Alerts

Interruptible/Curtailable Management Rates

Thermal Storage/Energy Storage

Standby Generation Rates (emergency generators and distributed generators)

Smart Appliances

Ancillary Programs

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WHOLESALE PLAN

ISO/RTO Wholesale Matrix Plan					
#	**Task**	**Description**	**Deliverable**	**Completion Date**	**Who**
1	Finalize Framework	The draft framework will serve as a basis for documenting the technical M&V requirements for the different ISO/RTO products. It should guide each ISO-RTO in answering the questions of Why, When, and What M&V is done.	Each ISO should provide comments on the Objectives, Frequency and Description. Each ISO/RTO should add any additional comments that it feels it needs to describe the products, (this will help to synthesize any commonalities between products and ISO/RTOs). If the list of product classes are not representative, please comment.	10/30/07 COMPLETE	All
2	ISO/RTO Conference Call	This call is designed to discuss comments submitted in regard to the Framework	Come to consensus on the Framework	Week of November 19 , 2007 COMPLETE	All
3	Report to NAESB DSM/EE Standards Committee	At the September 25th meeting the ISO/RTOs tacitly agreed to report back to the Committee on how we plan on completing the task by the end of the 1st quarter of 2008.	Report to NAESB DSM-EE Task Force the status of the ISO/RTO Wholesale standards development.	11/30/07 COMPLETE	P. Wattles, E. Winkler
4	Add M&V technical data	Each ISO/RTO will fill in the matrix with appropriate technical requirements and how the M&V activity is implemented (where appropriate) for each of its products and each M&V area.	A Draft Matrix with the general description of the M&V areas, products and technical information in M&V requirements for each ISO/RTOs range of products.	12/15/07 COMPLETE	All
5	ISO/RTO Conference Call	This call is designed to review progress on data synthesis from the Framework	Develop status update on development of wholesale standards	January 14, 2008. COMPLETE	All
6	Report to NAESB DSM/EE Task Force	Status report of Wholesale standards	Report to NAESB the status of the ISO/RTO Wholesale standards development.	1/23/2008 COMPLETE	P. Wattles, E. Winkler
7	Update M&V Technical Data	ISO/RTOs will update matrices with appropriate expanded technical requirements.	Expanded draft Matrix	1/30/2008 COMPLETE	All
8	ISO/RTO Conference Call	This call is designed to review progress on data synthesis from the Framework	Develop status update on development of wholesale standards	2/11/08 COMPLETE	All
9	Draft Wholesale Standards	Synthesize Technical Requirements into draft Standards	Draft Standards will be developed by processing the technical requirements provided by all the ISO/RTOs to find commonalities and or create ranges of requirements	2/29/08 COMPLETE internal document	E. Winkler lead, Scott COE, review by All

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WHOLESALE PLAN

ISO/RTO Wholesale Matrix Plan					
#	**Task**	**Description**	**Deliverable**	**Completion Date**	**Who**
10	ISO/RTO Working Meeting	This meeting is designed to review and discuss the draft wholesale standards.	Provide agreement on draft standards to be submitted to NAESB	3/11/08 - 3/12/08 COMPLETE	All
11	Revise Draft Outline of Standards	Revised Draft Wholesale DR Standards outline based on working group session distributed to ISO/RTO working group	Revised Draft Wholesale Standards Outline	3/18/08 COMPLETE	E. Winkler
12	Update M&V Technical Data	Each ISO/RTO will revise entries in the matrix for appropriate technical requirements per the current draft matrix. (IRC Demand Programs 2008-03-14.xls)	A Draft Matrix with the general description of the M&V areas, products and technical information in M&V requirements for each ISO/RTOs range of products and services	3/21/08	All
13	Call to review Presentation & discuss presentation at DSM/EE Meeting	Review of materials and scope of presentation at NAESB DSM/EE standards development meeting, Houston, TX March 28, 2008	Presentation materials for meeting	3/26/08	P. Wattles, E. Winkler
14	NAESB DSM/EE Standards Committee	ISO-RTO documents presented as a draft for wider NAESB stakeholder consideration and comment	Report to NAESB on documented ISO/RTO Wholesale DR M&V standards for use in developing proposed NAESB standards and/or model business practices.	3/28/08 Houston TX	P. Wattles, E. Winkler, S. Coe
15	ISO/RTO Working Meeting	This meeting is designed to review and discuss the draft wholesale standards.	Provide agreement on draft standards to be submitted to NAESB	Mid May, 2008, TBD	All
16	NAESB DSM/EE Standards Committee	ISO-RTO documents presented as a draft for wider NAESB stakeholder consideration and comment	Report to NAESB on documented ISO/RTO Wholesale DR M&V standards for use in developing proposed NAESB standards and/or model business practices.	5/30/08 Holyoke, MA	P. Wattles, E. Winkler, S. Coe
17	NAESB DSM/EE Standards Committee	ISO-RTO documents presented as a draft for wider NAESB stakeholder consideration and comment	Report to NAESB on documented ISO/RTO Wholesale DR M&V standards for use in developing proposed NAESB standards and/or model business practices.	7/30/08 TBD	P. Wattles, E. Winkler, S. Coe
18	ISO/RTO Working Meeting	This meeting is designed to review and discuss the draft wholesale standards.	Provide agreement on draft standards to be submitted to NAESB	Mid Sept, 2008, TBD	All

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WHOLESALE PLAN

ISO/RTO Wholesale Matrix Plan					
#	**Task**	**Description**	**Deliverable**	**Completion Date**	**Who**
19	Draft Wholesale DR Standards	Final Draft Wholesale Standards Completed for submittal to NAESB	Completed draft ISO/RTO contribution of wholesale DR M&V standards	9/30/08	E. Winkler, S. Coe
20	NAESB DSM/EE Standards Committee	ISO-RTO documents presented as a draft for wider NAESB stakeholder consideration and comment	Report to NAESB on documented ISO/RTO Wholesale DR M&V standards for use in developing proposed NAESB standards and/or model business practices.	9/30/08 Austin, TX	P. Wattles, E. Winkler, S. Coe

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WHOLESALE MATRIX

Instructions for Characteristics of DR Programs

ISO/RTO Specific Name	**Region**	Abbreviation for the ISO/RTO.
	ISO/RTO Program or Service Name	Proper name for the program or service within the region. Note: If several products are included in a given Program or Service, then several rows will be shown for each.
	Acronym	Acronym for the Program or Service
Major Features	**Product**	The commodity that is being offered: **AS: Regulation**, **AS: Spin**, **AS: Non-Spin**, **Energy**, or **Capacity**.
	Mapping: NAESB Sections	**CALCULATED FIELD: DO NOT TYPE IN THIS CELL**
Initial Qualification / Testing / Auditing	**Load Deployment Time**	Time at which the requested level of response is completely "off the system" (in minutes)
	Aggregation Allowed	Indication of if composite / aggregated assets are allowed.
Telemetry	**Real-Time On-Site Generation Measurement**	If on-site generation is present; is metering required? **Yes** / **No**
	Accuracy	Precision of the Demand Measurement (or also of the On-Site Generator Output) ***PREFERENCE IS PERCENTAGE OF FULL SCALE***
	Reporting Interval	The time between signals [in seconds]
	Other Measurements	If other variables are measured, a list should be provided here. Example include quality flags, breaker status, response amount, etc .
	Communication Protocol	The IT protocol used to collect the data, such **ICCP** or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.
After-The-Fact Measurements	**On-Site Generation Meter Required**	Yes or No
	Meter Accuracy	Accuracy of the Meter Reading (or also of the On-Site ~~Generator Output) PREFERENCE IS PERCENTAGE~~ OF FULL SCALE and is the net accuracy, i.e. includes

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WHOLESALE MATRIX

Instructions for Characteristics of DR Programs

		PT & CT
	Clock / Time Accuracy	Accuracy of the time measurement (if any) associated with the Meter Read time.
	Details of Meter/Equipment Standards	Listing of any meter or equipment standards
	Meter Data Reporting Deadline	How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.
	Granularity	The level of detail in the reported data. For example, if the Periodicity = 1 hour, the Granularity might be 5 minute.
	Validating, Editing & Estimating (VEE) Method	An indication of how missing data are managed, for example, **Skipped**, **Estimated & Flagged**, etc.
	Rules For Statistical Sampling	If statistical sampling is allowed, document the sample size, precision and accuracy parameters, homogeneity, etc.
Performance / Baseline	**Baseline Type**	Either "**Meter-Before vs. Meter-After**", "**Comparable Day**", "**Statistical Algorithm**" , "**Behind the Meter Generation Data**", "**Firm Service Level Drop**"

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WHOLESALE MATRIX

Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
AESO	Demand Opportunity Service	DOS		UNDEFINED
AESO	Frequency Load Shed Service	FLSS	AS: Regulation	Regulation
AESO	Supplemental Operating Reserves	SUP	AS: Non-Spin	Reserve
AESO	Voluntary Load Curtailment Program	VLCP		UNDEFINED
CAISO	Participating Load Program	PLP	Energy	Energy
CAISO	Participating Load Program	PLP	AS: Non-Spin	Reserve
ERCOT	Emergency Interruptible Load Service	EILS	Capacity	Capacity

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Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
ERCOT	Loads Acting as a Resource providing Responsive Reserve Service -- Under Frequency Relay Type	LaaR / RRS / UFR	AS: Spin	Reserve
ERCOT	Loads Acting as a Resource providing Responsive Reserve Service -- Controllable Load Resource Type	LaaR / RRS / CLR	AS: Spin	Reserve
ERCOT	Loads Acting as a Resource providing Non-Spinning Reserve Service	LaaR / NSRS /	AS: Non-Spin	Reserve
ERCOT	Controllable Load Resources providing Regulation Service	CLR	AS: Regulation	Regulation
IESO	Emergency Load Reduction Program	ELRP	Energy	Energy
IESO	Emergency Demand Response Program	EDRP	Energy	Energy
IESO	Dispatchable Load	DL	Energy	Energy

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WHOLESALE MATRIX

Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
IESO	Dispatchable Load (Spinning Component)	DL	AS: Spin	Reserve
IESO	Dispatchable Load (Non-Spinning Component)	DL	AS: Non-Spin	Reserve
IESO	Hour Ahead Dispatchable Load	HADL	Energy	Energy
ISO-NE	Real Time Demand Response Program [Capacity Component]	RTDRP	Capacity	Capacity
ISO-NE	Real Time Demand Response Program [Energy Component]	RTDRP	Energy	Energy
ISO-NE	Day Ahead Load Response Program	DALRP	Energy	Energy
ISO-NE	Demand Response Reserves Pilot	DRR	AS: Non-Spin	Reserve

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Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
ISO-NE	Real Time Price Response Program	RTPR	Energy	Energy
ISO-NE	Real Time Demand Response Resource	RTDR	Capacity	Capacity
ISO-NE	FCM: On-Peak, Seasonal Peak, Critical Peak Resources		Capacity	Capacity
ISO-NE	Real Time Emergency Generation Resource	RTEG	Capacity	Capacity
NBSO	30 Minute Non-Spinning Reserves	30NSR	AS: Non-Spin	Reserve
NBSO	10 Minute Non-Spinning Reserves	10NSR	AS: Non-Spin	Reserve
NBSO	10 Minute Spinning Reserve	10SR	AS: Spin	Reserve

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WHOLESALE MATRIX

Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
NBSO	Load Following	LF	AS: Regulation	Regulation
NBSO	Regulation	REG	AS: Regulation	Regulation
NBSO	Interruptible Load	IL	Capacity	Capacity
NBSO	Bid-Based Demand Response	BBDR	Energy	Energy
NYISO	Day-Ahead Demand Response Program	DADRP	Energy	Energy
NYISO	Demand Side Ancillary Services Program	DSASP	AS: Spin	Reserve
NYISO	Demand Side Ancillary Services Program	DSASP	AS: Non-Spin	Reserve

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WHOLESALE MATRIX

Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
NYISO	Demand Side Ancillary Services Program	DSASP	AS: Regulation	Regulation
NYISO	Emergency Demand Response Program	EDRP	Energy	Energy
NYISO	Installed Capacity Special Case Resources (Energy Component)	SCR	Energy	Energy
NYISO	Installed Capacity Special Case Resources (Capacity Compoent)	SCR	Capacity	Capacity
PJM	Economic Load Response		Energy	Energy
PJM	Economic Load Response		AS: Spin	Reserve
PJM	Economic Load Response		AS: Regulation	Regulation

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WHOLESALE MATRIX

Wholesale Matrix DR Programs Identified				
ISO/RTO Specific Name			***Major Features***	
Region	**ISO/RTO Program or Service Name**	**Acronym**	**Product**	**Mapping: NAESB Sections**
PJM	Emergency Load Response		Energy	Energy
PJM	Emergency Load Response (Energy Component)		Energy	Energy
PJM	Emergency Load Response (Capacity Component)		Capacity	Capacity

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WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

DISCLAIMER

THIS DOCUMENT CONTAINS DRAFT INFORMATION ON STANDARDS FOR WHOLESALE ELECTRICITY DEMAND RESPONSE PROGRAMS AND SERVICES. THE INFORMATION CONTAINED WITHIN THIS DRAFT IS NOT INTENDED TO REPLACE APPLICABLE TARIFFS FOR WHOLESALE DEMAND RESPONSE. IN NO CASE DOES THIS INFORMATION SUPPLANT EXISTING STANDARDS USED IN ISO/RTO ADMINISTERED MARKETS. PROPOSED STANDARDS AREAS ARE DRAFT AND SUBJECT TO REVISION OR EXCLUSION.

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WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

BUSINESS PRACTICES FOR WHOLESALE ELECTRICITY DEMAND RESPONSE

Introduction

Definition of Terms

Business Practice Requirements: Regulation Services

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability

Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

Wholesale Products:
The commodity that is being offered: Regulation, Reserve, Energy, or Capacity.

INITIAL QUALIFICATION / TESTING / AUDITING

Reduction Deadline Standard:
Time at which the requested level of response is completely "off the system" (in minutes)

Aggregation Allowed Standard:
Indication of if composite / aggregate assets are allowed.

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.

Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.

Accuracy:

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Precision of the Demand Measurement (or also of the On-Site Generator Output)

Reporting Interval:

The time between signals [in seconds]

Other Measurements:

If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.

Communication Protocol:

The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:

Yes or No

Meter Accuracy:

Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT

Clock / Time Accuracy:

Accuracy of the time measurement (if any) associated with the Meter Read time.

Details of Meter/Equipment Standards

Listing of any meter or equipment standards

Meter Data Reporting Deadline:

How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those

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entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.

Granularity:

The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = “within 24 hours”, the Granularity might be “1 hour”.

Validating, Editing & Estimating (VEE) Method:

An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.

Rules for Statistical Sampling:

If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

Baseline Types:

Either "Meter-Before vs. Meter-After", "Comparable Day", "Statistical Algorithm" , "Behind the Meter Generation Data", "Firm Service Level Drop"

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WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

Business Practice Requirements: Reserves Services

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability

Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

Wholesale Products:
The commodity that is being offered: Regulation, Reserve, Energy, or Capacity.

INITIAL QUALIFICATION / TESTING / AUDITING

Reduction Deadline Standard:
Time at which the requested level of response is completely "off the system" (in minutes)

Aggregation Allowed Standard:
Indication of if composite / aggregate assets are allowed.

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.

Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.

Accuracy:

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Precision of the Demand Measurement (or also of the On-Site Generator Output)

Reporting Interval:

The time between signals [in seconds]

Other Measurements:

If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.

Communication Protocol:

The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:

Yes or No

Meter Accuracy:

Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT

Clock / Time Accuracy:

Accuracy of the time measurement (if any) associated with the Meter Read time.

Details of Meter/Equipment Standards

Listing of any meter or equipment standards

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Meter Data Reporting Deadline:

How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.

Granularity:

The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = “within 24 hours”, the Granularity might be “1 hour”.

Validating, Editing & Estimating (VEE) Method:

An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.

Rules for Statistical Sampling:

If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

Baseline Types:

Either "Meter-Before vs. Meter-After", "Comparable Day", "Statistical Algorithm" , "Behind the Meter Generation Data", "Firm Service Level Drop"

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WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

Business Practice Requirements: Energy Products

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability

Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

Wholesale Products:
The commodity that is being offered: Regulation, Reserve, Energy, or Capacity.

INITIAL QUALIFICATION / TESTING / AUDITING

Reduction Deadline Standard:
Time at which the requested level of response is completely "off the system" (in minutes)

Aggregation Allowed Standard:
Indication of if composite / aggregate assets are allowed.

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.

Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.

Accuracy:

Precision of the Demand Measurement (or also of the On-Site Generator Output)

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Reporting Interval:

The time between signals [in seconds]

Other Measurements:

If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.

Communication Protocol:

The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:

Yes or No

Meter Accuracy:

Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT

Clock / Time Accuracy:

Accuracy of the time measurement (if any) associated with the Meter Read time.

Details of Meter/Equipment Standards

Listing of any meter or equipment standards

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Meter Data Reporting Deadline:

How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.

Granularity:

The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = “within 24 hours”, the Granularity might be “1 hour”.

Validating, Editing & Estimating (VEE) Method:

An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.

Rules for Statistical Sampling:

If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

Baseline Types:

Either "Meter-Before vs. Meter-After", "Comparable Day", "Statistical Algorithm" , "Behind the Meter Generation Data", "Firm Service Level Drop"

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WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

Business Practice Requirements: Capacity Products

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability

Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

Wholesale Products:
The commodity that is being offered: Regulation, Reserve, Energy, or Capacity.

INITIAL QUALIFICATION / TESTING / AUDITING

Reduction Deadline Standard:
Time at which the requested level of response is completely "off the system" (in minutes)

Aggregation Allowed Standard:
Indication of if composite / aggregate assets are allowed.

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.

Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.

Accuracy:

Precision of the Demand Measurement (or also of the On-Site Generator Output)

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Reporting Interval:

The time between signals [in seconds]

Other Measurements:

If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.

Communication Protocol:

The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:

Yes or No

Meter Accuracy:

Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT

Clock / Time Accuracy:

Accuracy of the time measurement (if any) associated with the Meter Read time.

Details of Meter/Equipment Standards

Listing of any meter or equipment standards

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Meter Data Reporting Deadline:

How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.

Granularity:

The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = “within 24 hours”, the Granularity might be “1 hour”.

Validating, Editing & Estimating (VEE) Method:

An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.

Rules for Statistical Sampling:

If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

Baseline Types:

Either "Meter-Before vs. Meter-After", "Comparable Day", "Statistical Algorithm" , "Behind the Meter Generation Data", "Firm Service Level Drop"

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

TAB 5

Specific Issues Updates

- The synopsis of specific standards development activities is included. The materials are provided for discussion purposes and no action is required of the REQ and RGQ EC members. Updates are provided for:
  - FERC Order No. 698 effort: Activity Report
  - eTariff Update: Activity Report
- The materials in Tab 5 correspond to agenda item 5.

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NAESB ORDER NO. 698 ACTIVITIES
APRIL 30, 2008

The following status report includes:

- Meeting summaries Page 2

  NAESB has been holding subcommittee meetings to develop standards for the wholesale gas market to support the requests of FERC Order No. 698. A brief synopsis of each meeting is given.

- Reference documents, timelines and synopsis of regulatory action Page 4

  Several excellent reference documents are available that review gas-electric coordination. This section provides a timeline of events, links to the reference documents and a synopsis of the regulatory actions.

- Proposed Indexed pricing standards Page 7

  NAESB has developed proposed standards for capacity release index pricing that are out for industry comment and should be considered by the NAESB Executive Committee in May.

- Proposed Redirect standard Page 12

  NAESB has developed a proposed standard for redirects that are out for industry comment and should be considered by the NAESB Executive Committee in May.

- Existing timelines Page 13

  The nomination timelines and electric market clearing times as they exist today are shown for comparison purposes.

- Models proposed for intraday nomination timeline changes presented in March and April Page 16

  Ten proposals for intraday nomination timeline modifications to better serve the electric market were presented for consideration at the March and April meetings:

  - APS/TVA models, both original and modified Page 16
  - Pipeline Collaborative Model Page 23
  - Two El Paso Natural Gas Models Page 25
  - Northern Border Model Page 30
  - Two TransCanada Pipeline Models Page 36
  - Two Iroquois Gas Transmission Models Page 39
  - FPL Model (constructed in the April meeting) Page 41

- Timeline considerations Page 42

  The subcommittee has development a list of timeline criteria that may be used in evaluating the intraday nomination timeline proposals.

- Evaluation against Criteria on April 23 Page 44

  The subcommittee has development a list of timeline criteria that may be used in evaluating the intraday nomination timeline proposals.

- Voting Record on April 23 Page 46

  The subcommittee has development a list of timeline criteria that may be used in evaluating the intraday nomination timeline proposals.

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NAESB ORDER NO. 698 MEETING SUMMARY
APRIL 30, 2008

ORDER NO. 698 EFFORT – ASSIGNED TO WGQ:

- **August 30-31, 2007:** The WGQ BPS met at the NAESB office in Houston, Texas to begin work on Order No. 698. During the meeting the participants heard presentations from those in the pipeline industry that have had experience with the issues presented by Order No. 698, and discussed the scope of WGQ Annual Plan Items 7a, 7b, and 7c. The group discussed the various approaches to addressing Order No. 698, and created a document capturing issues that will have to be considered as the group continues.
- **September 18-19, 2007:** The WGQ BPS met in Richmond, VA at the Dominion offices to continue work on Order No. 698. During the meeting, the Subcommittee developed scoping statements for WGQ Annual Plan Items 7a, and 7b, and continued their discussions regarding potential scoping issues to address as the group proceeds. Presentations were given in response to Annual Plan Items 7a and 7b, and the group drafted proposed modifications to WGQ Standard 5.3.26 in response to Annual Plan Item 7b. The Subcommittee also noted the need for proposals and work papers on Item 7c and encouraged those in attendance to prepare such for the next meeting.
- **October 9-10, 2007:** The WGQ BPS met at the NAESB offices in Houston, Texas to continue their efforts in addressing Order No. 698. During this meeting, the group reviewed proposals created in response to Annual Plan Items 7a and 7c, and continued their discussions concerning potential standards to address the Annual Plan Items. The group also began answering some of the scoping issues identified for Annual Plan Item 7b, and proposed varying standards language to respond.
- **October 30-31, 2007:** The WGQ BPS met in Houston at the NAESB offices to continue work on Order No. 698. The intraday nomination timeline work paper was presented with discussions on inclusion of regional differences. The work paper for redirects – alternate receipt point upstream of or an alternate delivery point downstream of a point of constraint was presented and discussed, including a number of proposed definitions. The work paper for additional index standards concepts was presented and discussed, including remarks on the inadvisability of using EDI for capacity release transactions.
- **November 14-15, 2007:** The WGQ BPS met in NYC at the KeySpan offices to continue work on Order No. 698. Discussion continued on possible standards language for redirects including the review of two sets of work papers. It is expected that a more complete proposal will be presented at the December meeting, including the definition of a constraint point. Additional work papers were presented regarding intraday nomination timelines. For the December meeting, it is expected that the pipelines will present a counter proposal and the existing proposal will be modified to include details on recalls and capacity release. The work paper for index-based pricing for capacity release was reviewed including draft standards language, some of which may imply daily bidding for volumetric indexed-based capacity releases. It is expected that further discussion on this proposal including changes reflected in the meeting will be a topic for December. Platts Energy provided a presentation in indexed pricing.
- **December 4-5, 2007:** The WGQ BPS met in Washington DC at the AGA offices to continue work on Order No. 698. The meeting focused on proposed standards for redirects and for price indexing for capacity release programs.
- **January 9-10, 2008:** The WGQ BPS met in Houston TX to continue work on Order No. 698. During the meeting, the redirect standard was approved and the price indexing standards were further reviewed and refined. The proposals for intraday nominations were introduced.

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NAESB ORDER NO. 698 MEETING SUMMARY
APRIL 30, 2008

- **January 25, 2008:** NAESB received and responded to correspondence from the Kansas Corporation Commission (http://www.naesb.org/pdf3/wgq_bps_698_012508corr_kcc.pdf – KCC Letter, http://www.naesb.org/pdf3/wgq_bps_698_012508corr_desselle.pdf, -- NAESB Response) regarding intraday nomination periods and the NAESB process.
- **February 8, 2008:** The WGQ BPS met via web cast/conference call to complete the review of the price indexing standards. While the review did not conclude, it is at most one or two meetings away from a vote.
- **February 21, 2008:** The WGQ BPS met via web cast/conference call to complete the review of the price indexing standards. The review did not conclude, but should complete with a vote at the meeting in March.
- **February 26-27, 2008:** The WGQ BPS met in a two-day session hosted PSEG in New Jersey. The primary focus of the meeting was on review and discussion of proposals for changes to intraday nominations timelines. A number of comments indicate strong support for a bumpable intraday nomination period that is more closely aligned with the electric market clearing times. The comments can be found on the NAESB web site (http://www.naesb.org/wgq/wgq_bps_698.asp), under the meeting date for February 26-27, 2008. Comments in support of adding an additional bumpable period were received from Arizona Corporation Commission (http://www.naesb.org/pdf3/wgq_bps_698_022608w10.doc) , Arizona Electric Power Corporative, Buckeye Power, Delaware Municipal Electric Corporation, El Paso Electric Company, Honeywell International, Kansas Corporation Commission, KeySpan/National Grid, Missouri Public Service Commission (http://www.naesb.org/pdf3/wgq_bps_698_022608w25.pdf), New York Independent System Operator, North Carolina Electric Membership Corporation, Old Dominion Electric Cooperative, Phelps Dodge, Salt River Project, Southwest Power Pool, Tucson Electric Power Company, Unisource Energy Services. The intraday timelines effort includes now a review of three proposals – TVA and APS, a pipeline collaborative, and EPNG (two models). All endeavor to more closely align the electric market requirements with the gas nomination deadlines.
- **March 12-13, 2008:** EPNG in Colorado Springs is the host of the meeting, the focus of which was two-fold – to complete the work on price indexing and to continue the discussion on intraday nomination proposals. In addition to the intraday proposal offered by Arizona Public Service/Tennessee Valley Authority, additional ones have been submitted from El Paso Natural Gas, Spectra Energy and TransCanada Pipelines.
- **April 22-23, 2008:** Iroquois Gas Transmission, Northern Border and FPL added models to the mix for review – with a full count of 10 models for options for intraday nominations. APS/TVA prepared a revised model and ISO-NE prepared a presentation overlaying gas schedules and electric schedules to highlight the discrepancies. The evaluation criteria were reviewed and additional text added for clarity. The models were compared against the evaluation criteria and straw balanced votes were taken to ascertain levels of support. The revised APS/TVA model, the FPL model prepared in the meeting passed and the pipeline collaborative model while failed, was a close vote. These thre models will be reviewed at the upcoming May meeting in DC.
- **May 19-20, 2008:** Hosted by Stinson Morrison and Hecker to continue the discussion on the intraday nomination models.
- **Other Meetings Planned in 2008:** 2008 calendar of meetings has been set and can be accessed from http://www.naesb.org/WGQ/wgq_bps_698.asp.

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NAESB ORDER NO. 698 REFERENCE DOCUMENTS, TIMELINE AND SYNOPSIS
APRIL 30, 2008

REFERENCE DOCUMENTS -- RELATED WORK PAPERS:

- WGQ Annual Plan (http://www.naesb.org/pdf2/bd062807a1.doc) approved by the Board of Directors, June 28, 2007 and the WGQ Annual Plan for 2008 (http://www.naesb.org/pdf3/wgq_2008_annual_plan.doc), approved by the Board on December 13, 2007.
- FERC Order No. 698 (http://www.naesb.org/doc_view2.asp?doc=ferc062507.doc): Issued June 25, 2007 - FERC Final Rule - Order No. 698 re FERC's amendment to its open access regulations governing standards for business practices and electronic communications with interstate natural gas pipelines and public utilities under RM96-1.
- NRRI Primer (http://www.naesb.org/doc_view2.asp?doc=nrri_0706.pdf), Dated July 2006 - The National Regulatory Research Institute (NRRI), Briefing Paper - Efforts to Harmonize gas Pipeline Operations With the Demands of the Electricity Sector
- DoE Primer (http://www.naesb.org/doc_view2.asp?doc=icf_geic_primer062206.pdf), Dated June 22, 2006 - Summary of NAESB Gas and Electric Interdependency Final Report to the FERC in Docket No. RM05-28-000 "NAESB Report on the Efforts of the Gas-Electric Interdependency Committee".
- NAESB Report (http://www.naesb.org/doc_view2.asp?doc=ferc022406.pdf), Dated February 24, 2006 - Docket No. RM05-28-000, NAESB Final Report on the Efforts of the Gas-Electric Interdependency Committee.

FERC ORDER NO. 698 – TIMELINE OF EVENTS:

- **November 14, 2003:** Letter from Chm. Wood asking NAESB to develop interdependency standards – related to 2003 cold snap in New England, which resulted in a NAESB Gas-Electric Coordination subcommittee
- Gas-Electric Coordination efforts resulted in two reports:
  - Gas Electric Coordination Interim Status Report, **filed 4-16-04,** 31 issues identified
  - Gas Electric Coordination Final Report, **filed 11-30-04,** 31 issues further defined
- Outcome of Reports: Received 3 requests for standards development: R04016: Energy Day, R04020: Market Timelines, R04021: Pipeline-Generator Communications
- All requests approved and found within the scope of NAESB by both NAESB and the Joint Interface Committee (including NERC and the ISO-RTO Council)
- R04016 and R04021 were jointly assigned to wholesale gas and wholesale electric groups, R04020 was assigned to wholesale electric group only -- Two pronged approach: Work began on R04021, and Board Committee formed to determine other actions
- Results of approach -- Report filed with FERC on June 26, 2005 with gas-electric interdependency communication standards (Interim GEIC Report) and Requests R04016 and R04020 were withdrawn
- **February 24, 2006:** NAESB identifies 6 Interdependency Issues raised in Docket No. RM05-28-000 (Final GEIC Report)
- **June 22, 2006:** The U.S. Department of Energy sponsors the creation of a primer from Jimmy Glotfelty of ICF addressing issues in the GEIC report
- **July 30, 2006:** A primer from Ken Costello of NRRI is issued addressing issues identified in the GEIC Report

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NAESB ORDER NO. 698 REFERENCE DOCUMENTS, TIMELINE AND SYNOPSIS
APRIL 30, 2008

- **October 25, 2006:** NOPR issued on standards. Order No. on Inquiry to the ISOs and RTOs. Comments were due 1-15-07 and data from the ISOs and RTOs forwarded on 1-16-07.
- **June 25, 2007**: FERC issued Order No. 698 (http://www.naesb.org/doc_view2.asp?doc=ferc062507.doc) regarding FERC's amendment to its open access regulations governing standards for business practices and electronic communications with interstate gas pipelines and public utilities under Docket Nos. RM96-1 and RM05-5-001 (Standards for Business Practices for Interstate Natural Gas Pipelines; Standards for Business Practices for Public Utilities).
- **August 31, 2007**: FERC issued a series of orders (http://elibrary.ferc.gov/idmws/file_list.asp?accession_num=20070831-3050) (Docket Nos. EL07-1 to EL07-6) terminating the six section 206 proceedings related to gas-electric coordination.
- **December 20, 2007**: FERC issued Order No. 698-A (http://www.naesb.org/doc_view2.asp?doc=ferc122007.pdf), Order on Clarification and Rehearing.

ORDER NO. 698 DECISIONS:

- Issued June 25, 2007
- Compliance with gas-electric communication standards by November 1, 2007
- Compliance Statements filed by November 1
- All standards incorporated by reference without change

ORDER NO. 698 STANDARDS ADOPTED:

- WEQ Standard 011-0.1/WGQ Standard 0.2.1 defines the term "Power Plant Operator."
- WEQ Standard 011-1.2/WGQ Standard 0.3.12 directs PPO & TSP to establish procedures to communicate material changes in circumstances that may impact hourly flow rates, and the power plant operator to provide projected hourly flow rates accordingly.
- WEQ Standard 011-1.3/WGQ Standard 0.3.13 states a PPO should not operate without an approved scheduled, may request daily flow rates as established by the standard, should work to resolve the PPO's request if it can be accommodated within the standard boundaries.
- WEQ Standard 011-1.4 and WGQ Standard 0.3.14 requires specified parties to sign up to receive critical notices from the appropriate TSP and the reciprocal TSP(s) to provide critical notices to parties specified in the Standard.
- WEQ Standard 011-1.5 requires upon request, a PPO must provide to the appropriate independent BA and/or RC pertinent information concerning the level of gas transportation service (firm or interruptible) and its natural gas supply (firm, fixed or variable quantity, or interruptible).
- WEQ Standard 011-1.6/WGQ Standard 0.3.15 requires specified parties to establish operational communication procedures with the appropriate TSP and/or PPO.

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NAESB ORDER NO. 698 REFERENCE DOCUMENTS, TIMELINE AND SYNOPSIS
APRIL 30, 2008

ORDER NO. 698 DIRECTION TO NAESB:

- ¶ 56 - "… Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release and that would include the means for implementing the formula rate. This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently."
- ¶ 63 – "The Commission is not modifying its requirement for within-the-path scheduling as adopted in Order No. 637. The example posited by NAESB appears consistent with the within-the-path scheduling concept and with pipeline proposals that have been accepted. It would not be appropriate for the Commission here to try to provide generic clarification to cover all possible proposals by pipelines for according flexibility to shippers. These proposals will have to be judged on an individual basis. In addition, NAESB can consider through its consensus process possible standards for according increased receipt and delivery point flexibility."
- ¶ 69 – "As we stated in the NOPR, the Commission has recognized the interest of interruptible shippers in achieving business certainty by making the last intra-day nomination opportunity one in which firm nominations do not bump interruptible nominations. However, within the confines of current Commission policy, NAESB should actively consider whether changes to existing intra-day schedules would benefit all shippers, and provide better provide for coordination between gas and electric scheduling. In addition, the NAESB nomination timeline establishes only the minimum requirement to which pipelines must adhere."

ORDER NO. 698-A SYNOPSIS:

- Summary: "This order denies requests for rehearing, and provides clarification of the final rule issued on July 16, 2007 that incorporated by reference standards dealing with coordination of scheduling between electric utilities and natural gas pipelines that were promulgated by the Wholesale Gas Quadrant (WGQ) and the Wholesale Electric Quadrant (WEQ) of the North American Energy Standards Board (NAESB), and provided policy guidance on issues relating to such coordination."
- Summary: "In addition, the Commission provided policy guidance on issues raised by NAESB relating to scheduling coordination and to the possible development of additional standards by NAESB. First, the Commission discussed the use of gas indices for pricing capacity release transactions, stating that the Commission's regulations permit releasing shippers to use price indices or other formula rates on all pipelines, regardless of whether the pipeline has a provision allowing the use of indices as part of its discounting provisions, so long as the prices are less than the maximum rate in the pipeline's tariff. Second, the Commission discussed, but did not modify, the shipper's ability to choose alternate delivery points, stating that the ability to shift a delivery point when a pipeline constraint occurs upstream would make it easier for shippers to redirect gas supplies to generators when capacity is scarce. Lastly, the Commission discussed possible changes to the gas intraday nomination schedule, clarifying that NAESB should actively consider whether changes to existing intra-day schedules would benefit all shippers."
- ¶ 14 "The existing WGQ NAESB standards recognize that non-standard pricing terms may be included in release transactions, but do not necessarily permit such releases to be accorded the same processing timeline as standard releases. The Commission requested NAESB to consider standards that would create a standardized indexing methodology so that the use of indexed releases could become faster and could compete on a more equal footing with pipeline discounts and negotiated rate transactions."

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NAESB ORDER NO. 698 – (7A) INDEXED PRICING STANDARDS APPROVED BY THE SUBCOMMITTEE

The following Definitions, Modified and New Standards were approved by the NAESB WGQ Business Practices Order 698 Subcommittee on February 8, 2008, February 21, 2008, and March 12-13, 2008 for Recommendation – 2007 WGQ Annual Plan Item 7a

Proposed Modifications to WGQ Standards

Proposed Modified WGQ Standard No. 5.3.26 (Redline)

The ~~R~~releasing shipper ~~has choice to~~ should specify which one of the following methods is acceptable for bidding on a given capacity release offer:

- dollars and cents,
- ~~or~~ percent~~s~~age of maximum tariff rate, or
- Index-based formula as detailed in the capacity release offer.

~~in the denomination of bids and all transportation service providers should support this. Once the choice is made by the releasing shipper, the bids should comport with the choice.~~ The bids for the given capacity release offer should adhere to the method specified by the releasing shipper. The bidder may bid the maximum ~~tariff~~reservation rate, ~~if one is so stated,~~ in the Transportation Service Provider's tariff or general terms and conditions, ~~–~~if applicable, as an alternative to the method specified by the releasing shipper.

Proposed Modified WGQ Standard No. 5.3.26 (Clean)

The releasing shipper should specify which one of the following methods is acceptable for bidding on a given capacity release offer:

- dollars and cents,
- percentage of maximum tariff rate, or
- Index-based formula as detailed in the capacity release offer.

The bids for the given capacity release offer should adhere to the method specified by the releasing shipper. The bidder may bid the maximum reservation rate, in the Transportation Service Provider's tariff or general terms and conditions, if applicable, as an alternative to the method specified by the releasing shipper.

Proposed Modified WGQ Standard No. 5.3.1 (Redline)

The ~~C~~capacity ~~R~~release timeline ~~is applicable~~applies to all parties involved in the ~~C~~capacity ~~R~~release process~~; however, it is only applicable if~~ provided that:

1) ~~-~~all information provided by the parties to the transaction is valid and the acquiring shipper has been determined to be credit~~-~~worthy before the capacity release bid is tendered, ~~and~~
2) ~~-~~for index-based capacity release transactions, the releasing shipper has provided the capacity release service provider with sufficient instructions to evaluate the corresponding bid(s) according to the timeline, and
3) there are no special terms or conditions of the release.

Further, the capacity release service provider may complete the capacity release process on a different timeline if the offer includes unexpected requirements (e.g. designation of an index not supported by the Transportation Service Provider).

Proposed Modified WGQ Standard No. 5.3.1 (Clean)

The capacity release timeline applies to all parties involved in the capacity release process provided that:

1) all information provided by the parties to the transaction is valid and the acquiring shipper has been determined to be creditworthy before the capacity release bid is tendered,

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2) for index-based capacity release transactions, the releasing shipper has provided the capacity release service provider with sufficient instructions to evaluate the corresponding bid(s) according to the timeline, and
3) there are no special terms or conditions of the release.

Further, the capacity release service provider may complete the capacity release process on a different timeline if the offer includes unexpected requirements (e.g. designation of an index not supported by the Transportation Service Provider).

Proposed Modified WGQ Standard No. 5.3.3 (Redline)

For the capacity release business process timing model, only the following methodologies are required to be supported by capacity release service providers and provided to releasing shippers as choices from which they may select and, once chosen, should be used in determining the awards from the bid(s) submitted. They are: 1) highest rate, 2) net revenue and 3) present value. For index-based capacity release transactions, the releasing shipper should provide the necessary information and instructions to support the chosen methodology.

Other choices of bid evaluation methodology (including other releasing shipper defined evaluation methodologies) can be accorded similar timeline evaluation treatment at the discretion of the capacity release service provider. However, the capacity release service provider is not required to offer other choices or similar timeline treatment for other choices, nor, is the capacity release service provider held to the timeline should the releasing shipper elect another method of evaluation.

Proposed Modified WGQ Standard No. 5.3.3 (Clean)

For the capacity release business process timing model, only the following methodologies are required to be supported by capacity release service providers and provided to releasing shippers as choices from which they may select and, once chosen, should be used in determining the awards from the bid(s) submitted. They are: 1) highest rate, 2) net revenue and 3) present value. For index-based capacity release transactions, the releasing shipper should provide the necessary information and instructions to support the chosen methodology.

Other choices of bid evaluation methodology (including other releasing shipper defined evaluation methodologies) can be accorded similar timeline evaluation treatment at the discretion of the capacity release service provider. However, the capacity release service provider is not required to offer other choices or similar timeline treatment for other choices, nor, is the capacity release service provider held to the timeline should the releasing shipper elect another method of evaluation.

Proposed New WGQ Definitions and Standards

Proposed Definition 5.2.x1

For index-based capacity release transactions, Rate Floor is the term used to describe the lowest rate specified in the capacity release offer in dollars and cents that is acceptable to the releasing shipper. The Rate Floor may not be less than the Transportation Service Provider's (TSP) minimum reservation rate. If a Rate Floor is not otherwise specified, the TSP's minimum reservation rate should serve as the default value for the Rate Floor.

Proposed Definition 5.2.x2

For index-based capacity release transactions, Default Rate is the term used to describe the non-biddable rate specified in the capacity release offer to be used for invoicing purposes when the result of the index-based formula is unavailable or cannot be computed. If a Default Rate is not otherwise specified, the Rate Floor should serve as the Default Rate.

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NAESB ORDER NO. 698 – (7A) INDEXED PRICING STANDARDS APPROVED BY THE SUBCOMMITTEE

Proposed WGQ Standard No. 5.3.x1
A Transportation Service Provider should support the upload of index-based capacity release offer and bid transactions exclusively via the use of NAESB WGQ EBB/EDM.

Proposed WGQ Standard No. 5.3.x2
For index-based capacity release transactions, the releasing shipper should specify which one of the following methods is acceptable for bidding on a given index-based capacity release offer:

- a percentage of the formula,
- a dollars and cents differential from the formula,
- a dollars and cents differential from the Rate Floor, or
- an approved methodology in the Transportation Service Provider's tariff, if any.

When bidding is based upon a dollars and cents differential from the Rate Floor, the invoiced rate for the award should be calculated as the greater of (i) the result of the formula or (ii) the Rate Floor plus the high bid's differential, both not to exceed the TSP's maximum reservation rate, if applicable.

Proposed WGQ Standard No. 5.3.x2a
For index-based capacity release transactions, the capacity release facilitator should support a Rate Floor to be specified by the releasing shipper in the capacity release offer.

Proposed WGQ Standard No. 5.3.x3
Unless otherwise specified in the Transportation Service Provider's (TSP) tariff, for index-based capacity release transactions where the result of the award is to be applied on a monthly basis, and the formula detailed in the capacity release award requires calculations on a daily basis, the results of such daily calculations may exceed the applicable maximum daily reservation rate or be less than the applicable minimum daily reservation rate. However, any resulting monthly reservation rate may not exceed the TSP's maximum monthly reservation rate, as applicable, or be less than the Rate Floor specified in the capacity release award.
If the resulting monthly reservation rate exceeds the TSP's maximum reservation rate, as applicable, the TSP's maximum reservation rate should be used for invoicing. If the resulting monthly reservation rate is less than the Rate Floor, the Rate Floor should be used for invoicing.

Proposed WGQ Standard No. 5.3.x4
For volumetric index-based capacity release transactions, where the result of the formula detailed in the capacity release award is to be applied on a daily basis, if the calculated daily rate exceeds the Transportation Service Provider's (TSP) applicable maximum reservation rate or is less than the Rate Floor specified in the capacity release award, the TSP's maximum reservation rate or the Rate Floor, respectively, should apply for invoicing.

Proposed WGQ Standard No. 5.3.x6
Initially, a Transportation Service Provider (TSP) should support at least two non-public price index references that are representative of receipt and delivery points on its system for fixed-price transactions with next-day or next-month delivery obligations. In any event, a TSP should support all price indices it references in its gas tariff, or general terms and conditions. In addition, a TSP should evaluate those publicly available price index references requested by the TSP's

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Service Requesters (SR) that do not require any license(s)/subscription(s) for their use and support those that are representative of the applicable receipt and delivery points.
The identity of all supported price index references should be posted on the TSP's Informational Postings Web site, including the duration of the license(s)/subscription(s) for posted price index reference(s). A TSP's support of any price index reference does not make it responsible for ensuring that a releasing shipper(s) or a replacement shipper(s) possesses any license/subscription that may be required to use such price index reference.
Upon request of a SR holding capacity which can be released on that TSP's system, the TSP, in consultation with its SRs, should review the price index references (including publicly available price index references), and update the price index references on the TSP's Informational Postings Web site to reflect the results of that consultation. Such review should occur no more frequently than annually.
Releasing shippers requesting the use of price index references not supported by the TSP will be responsible for providing/maintaining adequate license(s)/subscription(s) for the TSP for any additional price index reference(s) such that the TSP is able to reasonably determine that it is adequately licensed to fulfill its business responsibilities associated with index-based capacity release transactions. Such additional price index reference(s) will then be supported by the TSP and available for index-based capacity release transactions for the duration of the license(s)/subscription(s) and posted on the TSP's Informational Postings Web site. As an alternative to providing the TSP with a license(s)/subscription(s) to additional price index references, the releasing shipper may make other mutually agreed upon arrangements with the TSP.
The TSP retains the right to review the legal implications of any license/subscription, and with reasonable cause, require the agreement for the licensing of the support of such price index reference(s) to be revised to meet its concerns.

Proposed WGQ Standard No. 5.3.x7
For index-based capacity release transactions, upon mutual agreement between the releasing shipper and the Transportation Service Provider (TSP), the releasing shipper should provide the TSP and the replacement shipper with the detailed calculation of the reservation rate(s). Except as provided below, this rate(s) will be stated on the invoice provided by the TSP to the replacement shipper pursuant to the capacity release award. The results of the releasing shipper's calculations should conform to the capacity release award and/or to the TSP's minimum and maximum reservation rates, as applicable.

- For reservation and monthly volumetric index-based capacity release transactions, the detailed calculation should be provided in a mutually agreed upon format no later than the second Business Day of the month following the transportation under the release.
- For volumetric index-based capacity release transactions requiring a daily rate calculation, the detailed calculation should be provided in a report pursuant to NAESB WGQ Standard No. 5.3.x11.

If the report is not provided by the applicable deadline above or is deficient, the TSP will notify the releasing shipper to provide the TSP with a correct report within one Business Day. Thereafter, in the absence of a conforming report, the TSP will invoice the replacement shipper the greater of the Default Rate specified in the capacity release offer or the Rate Floor plus any differential specified in the capacity release award.
Upon notification to the TSP by both the releasing shipper and the replacement shipper that prior period adjustments to the calculated reservation rates used in the invoice are appropriate, invoiced amounts can be revised subsequently, upward or downward, to conform to the capacity release award, subject to the standards governing prior period adjustments within the NAESB WGQ Invoicing Related Standards.

Proposed WGQ Standard No. 5.3.x8
For index-based capacity release transactions, the rate to be used in the invoice should be the greater of:

- the results of the calculation of the formula from the capacity release award (if the formula cannot be calculated, the Default Rate specified in the capacity release offer), or
- the Rate Floor plus any differential as specified in the capacity release award.

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The rate used in the invoice should not be greater than the Transportation Service Provider's maximum reservation rate, as applicable.

Proposed WGQ Standard No. 5.3.x9

For index-based capacity release transactions, a Transportation Service Provider should support the ability of a releasing shipper to specify in the capacity release offer a non-biddable Default Rate. The Default Rate cannot be less than the Rate Floor, if any.

Proposed WGQ Standard No. 5.3.x11

For volumetric index-based capacity release transactions, where the releasing shipper performs invoicing calculations pursuant to NAESB WGQ Standard No. 5.3.x7, the Transportation Service Provider (TSP) should provide allocated quantities to the releasing shipper according to a mutually agreed upon timetable. The releasing shipper should have at least one Business Day to process the quantities prior to returning such invoicing information to the TSP in a tabular format.

The TSP should provide the allocated quantities to the releasing shipper in a tabular file to be described by the TSP. The first row of the file should contain the column headers and data should begin on the second row of the file. In addition, the first column should contain the applicable Gas Day(s).

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NAESB ORDER NO. 698 – (7B) REDIRECTS STANDARDS APPROVED BY THE SUBCOMMITTEE

The following Nomination Related Standard was approved by the NAESB WGQ Business Practices Order No. 698 Subcommittee on January 9, 2008 for Recommendation – 2007 WGQ Annual Plan Item 7b

Proposed WGQ Standard No. 1.3.x1:

To the extent the Transportation Service Provider's (TSP) other scheduling requirements are met, a TSP should support the ability of a Service Requester to redirect scheduled quantities to other receipt points upstream of a constraint point or delivery points downstream of a constraint point at any of the TSP's subsequent nomination cycle(s) for the subject gas day, at least under the same contract, without a requirement that the quantities be rescheduled through the point of constraint.

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS -- EXISTING NAESB WGQ STANDARD

Timely / Intraday Nomination Timeline -- Central Clock Time

Nomination Cycle	Nomination Deadline	Confirmation Deadline	Scheduled Quantity Available By	Flow Time
Timely	11:30 a.m. the day before the gas flows	3:30 p.m. the day before the gas flows	4:30 p.m. the day before the gas flows	9:00 a.m.
Evening	6:00 p.m. the day before the gas flows	9:00 p.m. the day before the gas flows	10:00 p.m. the day before the gas flows	9:00 a.m.
Intraday 1	10:00 a.m. the gas day	1:00 p.m. the gas day	2:00 p.m. the gas day	5:00 p.m.
Intraday 2 (no bump)	5:00 p.m. the gas day	8:00 p.m. the gas day	9:00 p.m. the gas day	9:00 p.m.

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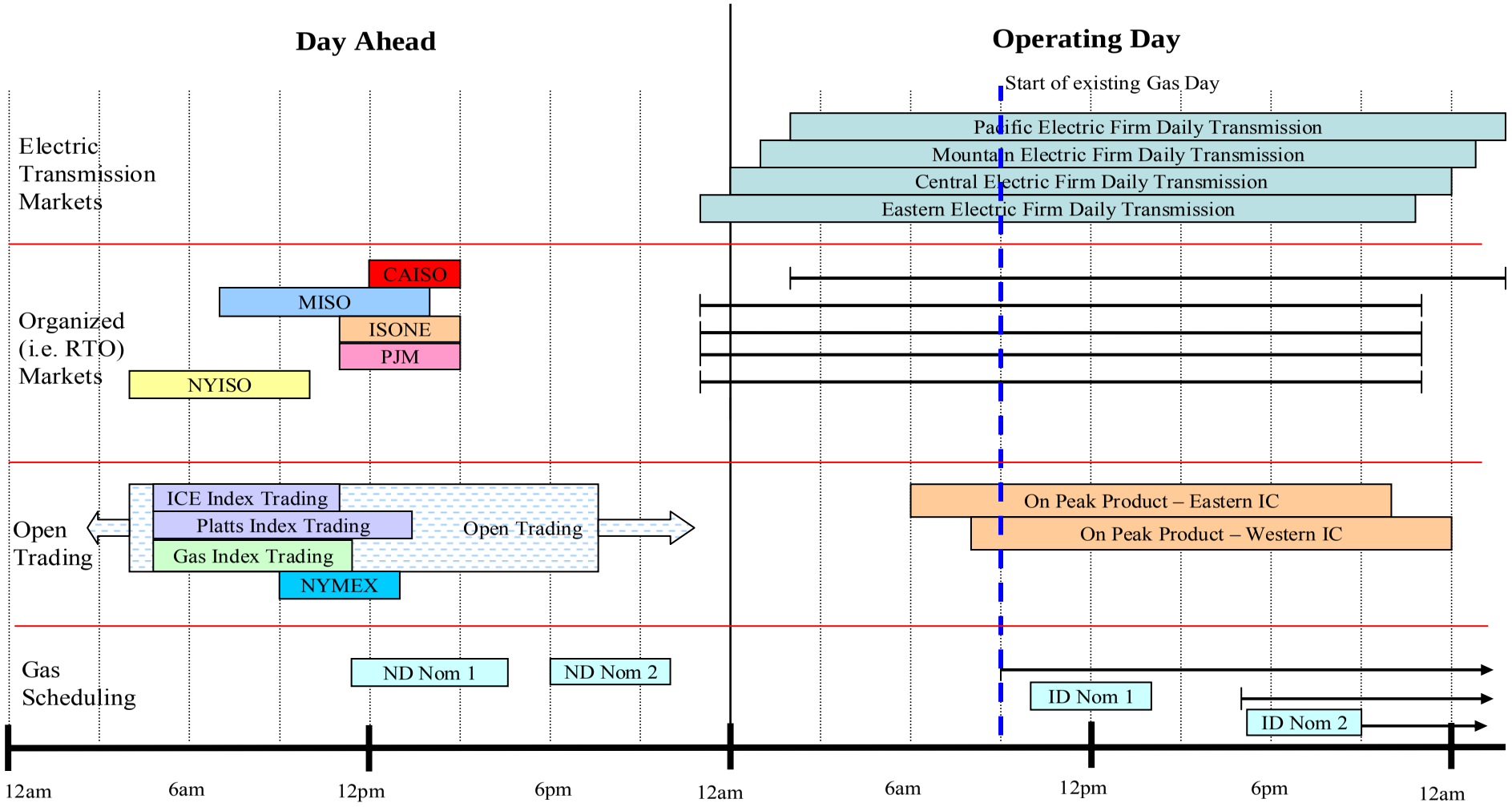

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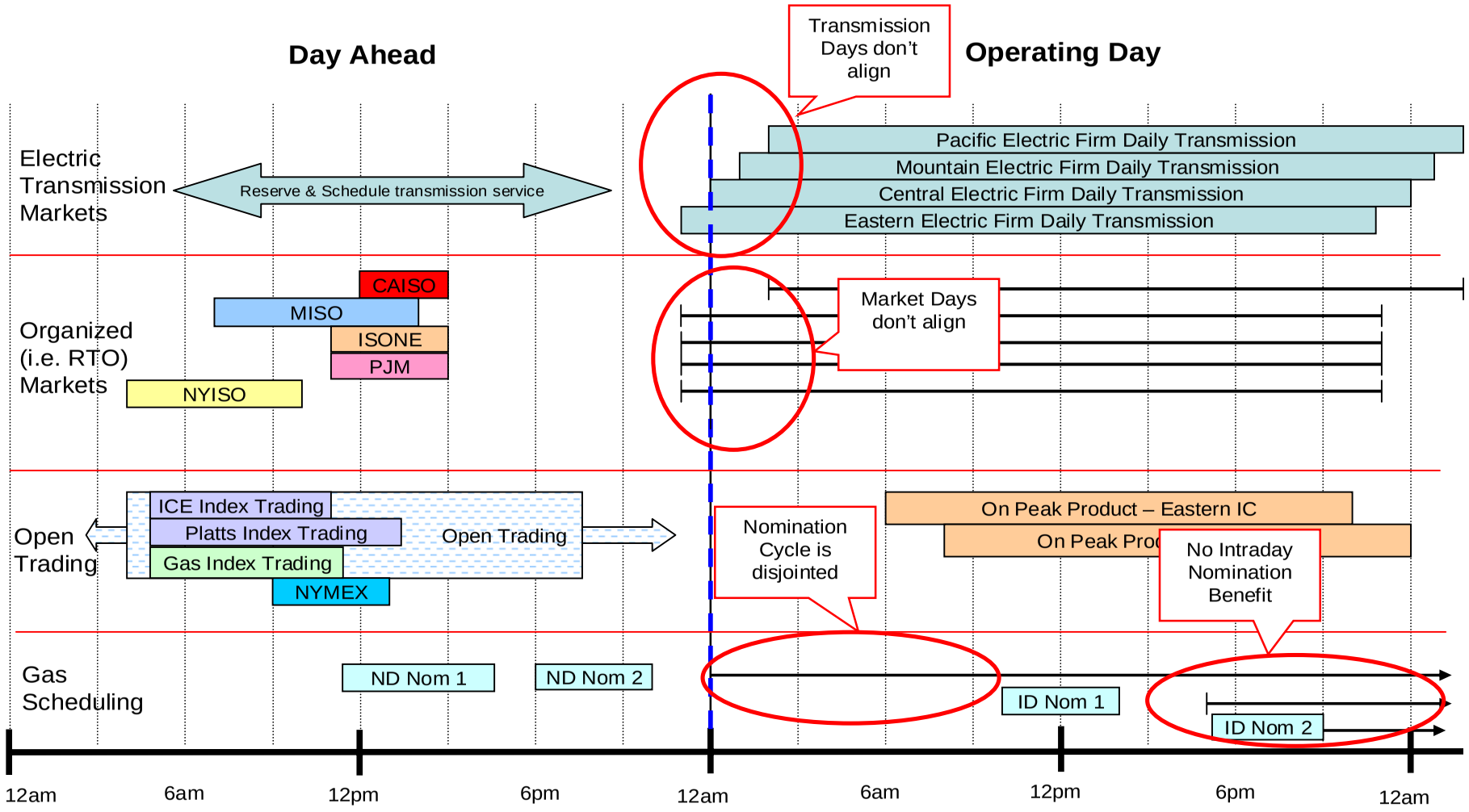

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

Timely / Intraday Nomination Timeline Proposed by TVA and APS

Nomination Cycle	Nomination Deadline	Confirmation Deadline	Scheduled Quantity Available By	Flow Time
Timely (Cycle 1)	**11:30 a.m.** the day before the gas flows	***1:30 p.m. the day before the gas flows***	***2:30 p.m. the day before the gas flows***	**9:00 a.m.**
Evening (Cycle 2)	**6:00 p.m.** the day before the gas flows	***8:00 p.m. the day before the gas flows***	***9:00 p.m. the day before the gas flows***	**9:00 a.m.**
Intraday 1 (Cycle 3)	***9:00 a.m. the gas day***	***11:00 a.m. the gas day***	***12:00 p.m. the gas day***	***3:00 p.m.***
Intraday 2 (Cycle 4)	***4:00 p.m. the gas day***	***6:00 p.m. the gas day***	***7:00 p.m. the gas day***	***7:00 p.m.***
Intraday 3 (Cycle 5) No Bump	***8:00 p.m. the gas day***	***9:30 p.m. the gas day***	***10:00 p.m. the gas day***	***10:00 p.m.***
Intraday 4 (Cycle 6) No Bump	***5:00 a.m. the gas day (EDI is not available for this cycle)***	***6:30 a.m. t he gas day***	***7:00 a.m. the gas day***	***7:00 a.m.***

Italic Denotes New or Changed

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

	Timely Cycle 1	Evening Cycle 2	Intraday 1 Cycle 3	Intraday 2 Cycle 4	Intraday 3 Cycle 5 (no bump)	Intraday 4 Cycle 6 (no bump)
Releasing Shipper Recall Notice	8:00 a.m.	EE 3:00 p.m. E 5:00 p.m.	6:00 a.m.	1:00 p.m.	5:30 p.m.	2:30 a.m.
TSP Recall Notice	9:00 a.m.	EE 4:00 p.m. E 6:00 p.m.	7:00 a.m.	2:00 p.m.	6:30 p.m.	3:30 a.m.
Capacity Release Offer (Pre-Arranged-Non Biddable)	10:30 a.m.	5:00 p.m.	8:00 a.m.	3:00 p.m.	7:00 p.m.	4:00 a.m.
TSP Capacity Release Award (Pre-Arranged-Non Biddable)	11:29 a.m.	5:59 p.m.	8:59 a.m.	3:59 p.m.	7:59 p.m.	4:59 a.m.
Nomination Deadline	11:30 a.m.	6:00 p.m.	9:00 a.m.	4:00 p.m.	8:00 p.m.	5:00 a.m.
Capacity Release Offer (Biddable)	12:00 p.m.	N/A	N/A	N/A	N/A	N/A
Open Season Capacity Bidding Ends	1:00 p.m.	N/A	N/A	N/A	N/A	N/A
Confirmation Deadline	1:30 p.m.	8:00 p.m.	11:00 a.m.	6:00 p.m.	9:30 p.m.	6:30 a.m.
TSP Capacity Release Award (Biddable)	2:00 p.m.	N/A	N/A	N/A	N/A	N/A
Open Season Capacity Match & Award (Biddable)	2:30 p.m.	N/A	N/A	N/A	N/A	N/A
Scheduled Quantity Deadline	2:30 p.m.	9:00 p.m.	12:00 p.m.	7:00 p.m.	10:00 p.m.	7:00 a.m.
Open Season Capacity Match & Award (Pre-Arranged)	3:00 p.m.	N/A	N/A	N/A	N/A	N/A
Flow Time	9:00 a.m.	9:00 a.m.	3:00 p.m.	7:00 p.m.	10:00 p.m.	7:00 a.m.
# of Gas Flow Hours	24 Hours	24 Hours	18 Hours	14 Hours	11 Hours	2 Hours

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

Deadline	All Cycles
2:30 AM	Releasing Shipper Recall Notice for Intraday 4 (Cycle 6) for today's flow.
3:30 AM	Pipeline provides notification of Intraday 4 (Cycle 6) Recall to all affected Replacement Shippers for today's flow.
4:00 AM	Non-Biddable Offer posting for Intraday 4 (Cycle 6) Offer for today's flow.
4:59 AM	Capacity Release Award (Biddable Not Pre-Arranged) for Intraday 4 (Cycle 6)
5:00 AM	Intraday 4 (Cycle 6 -No Bump) Nomination deadline for today's flow. EDI is not available for this cycle.
6:00 AM	Releasing Shipper Recall Notice for Intraday 1 (Cycle 3) for today's flow.
6:30 AM	Confirmation Deadline of Intraday 4 (Cycle 6-No Bump) for today's flow.
7:00 AM	Pipeline provides notification of Intraday 1 (Cycle 3) Recall to all affected Replacement Shippers for today's flow. Receipt of Intraday 4 (Cycle 6-No Bump) Scheduled Quantity and start of Gas Flow for Intraday 4 (Cycle 6-No Bump).
8:00 AM	Timely (Cycle 1) Recall Notification provided by a Releasing Shipper & reput deadline for tomorrow's flow. Capacity Release (Non-Biddable Offer) posting for Intraday 1 (Cycle 3) for today's flow.
8:59 AM	Capacity Release Award, Posting & Contracting of (Pre-arranged Non Biddable) for Intraday1 (Cycle 3)
9:00 AM	Start of Gas Flow (Timely - Cycle 1). Pipeline notification of Timely Recall to all affected Replacement Shippers for tomorrow's flow. Start of Gas Flow (Evening - Cycle 2). Intraday 1 (Cycle 3) Nomination deadline for today's flow.
10:30 AM	Capacity Release (Non-Biddable Offer) posting for Timely (cycle 1) Offer for tomorrow's flow.

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

Deadline	All Cycles
11:00 AM	Confirmation Deadline of Intraday 1 (Cycle 3) for today's flow.
11:29 A.M.	Capacity Release Award, Posting & Contracting (Pre-arranged Non-biddable) for Timely (Cycle 1)
11:30 AM	Timely (Cycle 1) Nomination deadline for tomorrow's flow.
12:00 PM	Capacity Release Offer (Biddable) due for Timely (Cycle 1) effective 2 days out.
	Receipt of Intraday 1 (Cycle 3) Scheduled Quantity for today's flow.
1:00 PM	Capacity Release Open Season Bidding Period Ends
	Releasing Shipper Recall Notice for Intraday 2 (Cycle 4) for today's flow.
1:30 PM	Confirmation Deadline of Timely (Cycle 1) for tomorrow's flow.
2:00 PM	Capacity Release Award Posting if no match (Biddable)
	Pipeline notification of Intraday 2 (Cycle 4) Recall to all affected Replacement Shippers for today's flow.
2:30 PM	Open Season Capacity (biddable) deadline to Match
	Receipt of Timely (Cycle 1) Scheduled quantity for tomorrow's flow.
3:00 PM	Open Season Capacity Award & Posting (Prearranged) when match required for Offer.
	Non-Biddable Offer posting for Intraday 2 (Cycle 4) Offer for today's flow.
	Early Evening Recall Notification provided by a Releasing Shipper for tomorrow's flow.
	Start of Gas Flow for Intraday 1 (Cycle 3).
3:59 PM	Capacity Release Award/posting & Contracting (Pre-arranged Non-biddable) for Intraday 2 (Cycle 4)
4:00 PM	Pipeline provides notification of Evening Recall to all affected Replacement Shippers (from Early Evening Notification) for tomorrow's flow.
	Intraday 2 (Cycle 4) Nomination deadline for today's flow.
5:00 PM	Non-Biddable Offer posting for Evening (Cycle 2) Offer for tomorrow's flow.

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

Deadline	All Cycles
5:30 PM	Releasing Shipper Recall Notice for Intraday 3 (Cycle 5) for today's flow.
5:59 PM	Capacity Release Award/Posting & Contracting (Pre-Arranged Non-Biddable) for Evening (Cycle 2)
6:00PM	Evening (Cycle 2) Nomination deadline for tomorrow's flow. Pipeline provides notification of Evening (Cycle 2) Recall to all affected Replacement Shippers for tomorrow's flow.
	Confirmation Deadline of Intraday 2 (Cycle 4) for today's flow.
6:30PM	Pipeline provides notification of Intraday 3 (Cycle 5) Recall to all affected Replacement Shippers for today's flow.
7:00 PM	Receipt of Intraday 2 (Cycle 4) Scheduled quantities and start of Gas Flow for Intraday 2 (Cycle 4).
	Non-Biddable Offer posting for Intraday 3 (Cycle 5) Offer for today's flow.
7:59 PM	Capacity Release Award, Posting & Contracting (Pre-Arranged Non-Biddable) for Intraday 3 (Cycle 5)
8:00 PM	Confirmation Deadline of Evening (Cycle 2) for tomorrow's flow.
	Intraday 3 (Cycle 5-No Bump) Nomination deadline for today's flow.
9:00 PM	Receipt of Evening (Cycle 2) Scheduled quantities for tomorrow's flow.
9:30 PM	Confirmation Deadline of ID3 (cycle 5--No Bump) for today's flow.
10:00 PM	Receipt of Intraday 3 (Cycle 5-No Bump) Scheduled quantities and start of Gas Flow for Intraday 5 (Cycle 5)
Color code:	**Timely**
	Evening (Cycle 2)
	ID1 (Cycle 3)
	ID2 (Cycle 4)
	ID3 (Cycle 5)
	ID4 (Cycle 6)

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

Deadline	All Cycles
EPKQ/ EPSQ:	Timely - Cycle 1 is not effected as it occurs prior to the start of gas day flow.
Not updated	Evening - Cycle 2 is not effected as it occurs prior to the start of gas day flow.
	Intraday 1 (Cycle 3) contract/scheduled quantity may only be reduced by 2/3.
	Intraday 2 (Cycle 4) contract/scheduled quantity may only be reduced by 1/2.

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS AS OF MARCH 22 AND APRIL 17, 2008

APS/TVA Revised Proposal dated April 17, 2008:

Nomination Cycle	Nomination Deadline	Confirmation Deadline	Scheduled Quantity Available By	Flow Time
Timely (Cycle 1)	**12:00 p.m.** the day before the gas flows	**3:00 p.m.** the day before the gas flows	**4:00 p.m.** the day before the gas flows	**9:00 a.m.** the next day
Evening (Cycle 2)	**5:00 p.m.** the day before the gas flows	**8:00 p.m.** the day before the gas flows	**9:00 p.m.** the day before the gas flows	**9:00 a.m.** the next day
Intraday 0.5 (Cycle 2)	**7:00 a.m.** the gas day	**10:00 a.m.** the gas day	**11:00 a.m.** the gas day	**12:00 p.m.** the same day
Intraday 1 (Cycle 3)	**11:30 a.m.** the gas day	**2:30 p.m.** the gas day	**3:00 p.m.** the gas day	**5:00 p.m.** the same day
Intraday 2 (Cycle 4)	**3:30 p.m.** the gas day	**6:30 p.m.** the gas day	**7:00 p.m.** the gas day	**9:00 p.m.** the same day
Intraday 3 (Cycle 5) No Bump	**7:30 p.m.** the gas day	**10:00 p.m.** the gas day	**11:00 p.m.** the gas day	**12:00 a.m.** the same day

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM PIPELINE COLLABORATIVE

Pipeline Collaborative Workpaper – Intra-Day Timelines
February 22, 2008

The following Pipelines support the Pipeline Collaborative Workpaper for changes to the Intra-day Timelines:

Algonquin Gas Transmission, LLC
ANR Pipeline Company
Dominion Cove Point LNG, LP
Dominion South Pipeline Company, LP
Dominion Transmission Inc.
East Tennessee Natural Gas, LLC
Egan Hub Storage, LLC
Florida Gas Transmission Company
Gulfstream Natural Gas System, L. L. C
Kinder Morgan Natural Gas Pipelines
Maritimes & Northeast Pipeline, L.L.C.
Moss Bluff Hub Partners, L.P.
Natural Gas Pipeline
North Baja Pipeline
Panhandle Eastern Pipe Line Company
Saltville Gas Storage Company L. L. C.
Sea Robin Pipeline Company
Southwest Gas Storage Company
Texas Eastern Transmission, LP
TransCanada Gas Transmission Northwest
Transwestern Pipeline Company
Trunkline Gas Company
Trunkline LNG Company
Tuscorora Gas Transmission
Williams Gas Pipelines

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM PIPELINE COLLABORATIVE

	Biddable Cap Rel	Morning AKA - ID 0.5 Bump	Timely	ID1 Bump	ID1**	Evening Bump	ID2 No-Bump
Gas Flow Hours		21	24	15	16	24	9
Scheduling Deadlines							
Nomination Deadline		7:00 AM	11:00 AM	1:00 PM	2:30 PM	4:00 PM	7:00 PM
Confirmation Deadline		10:00 AM	2:00 PM	4:00 PM		7:00 PM	10:00 PM
Scheduled Quantities		11:00 AM	3:00 PM	5:00 PM	5:00 PM	8:00 PM	11:00 PM
Gas Flow		12:00 PM Noon	9:00 AM	6:00 PM	5:00 PM	9:00 AM	12:00 AM Midnight
Biddable Capacity Release Transactions							
Biddable Capacity Release Offer	12:00 PM						
Capacity Release Bid Period Ends	1:00 PM						
Capacity Release Award if no match	2:00 PM						
Match deadline	2:30 PM						
Capacity Release Award with Match	3:00 PM						
Recall/Reput Transactions							
Releasing Shipper Recall Notice		*NONE*	*7:00 AM*	*10:00 AM*		*1:00 PM*	*NONE*
Reput			*7:00 AM*				
Pipeline notifies of recall		*NONE*	*8:00 AM*	*11:00 AM*		*2:00 PM*	*NONE*
Non-Biddable Capacity Releases							
Non-biddable offer posting		*NONE*	*10:00 AM*	*12:00 PM*		*3:00 PM*	*6:00 PM*
Non-biddable capacity release award, posting & contracting		*NONE*	*10:59 AM*	*12:59 PM*		*3:59 PM*	*6:59:PM*

** ID1 added to reflect February Discussions.

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM PIPELINE COLLABORATIVE

Eliminates overlap between cycles.

Keeps the 3-hour processing time between nominations and confirmation deadlines for all cycles.

Eliminate the E-Evening Recall Cycle - effectively the ability to recall is still there for the Evening Cycle and it is earlier in the day so shippers have a better chance of finding someone to purchase capacity from since it is still during normal business

Morning Cycle Comes after Morning Peak, but allows shippers who may not know that they have to flow or need changes for the next day, a chance to get 21 hours of flow next day.

Proposed change to the Intraday Cycle - with Bumping allows shippers to nominate and flow in time for the Evening Peak in most time zones

Middle of the night changes are minimized.

Any after hours cycles should be exempt from Capacity Release and EDI requirements.

All contracting / capacity release is done during daytime hours.

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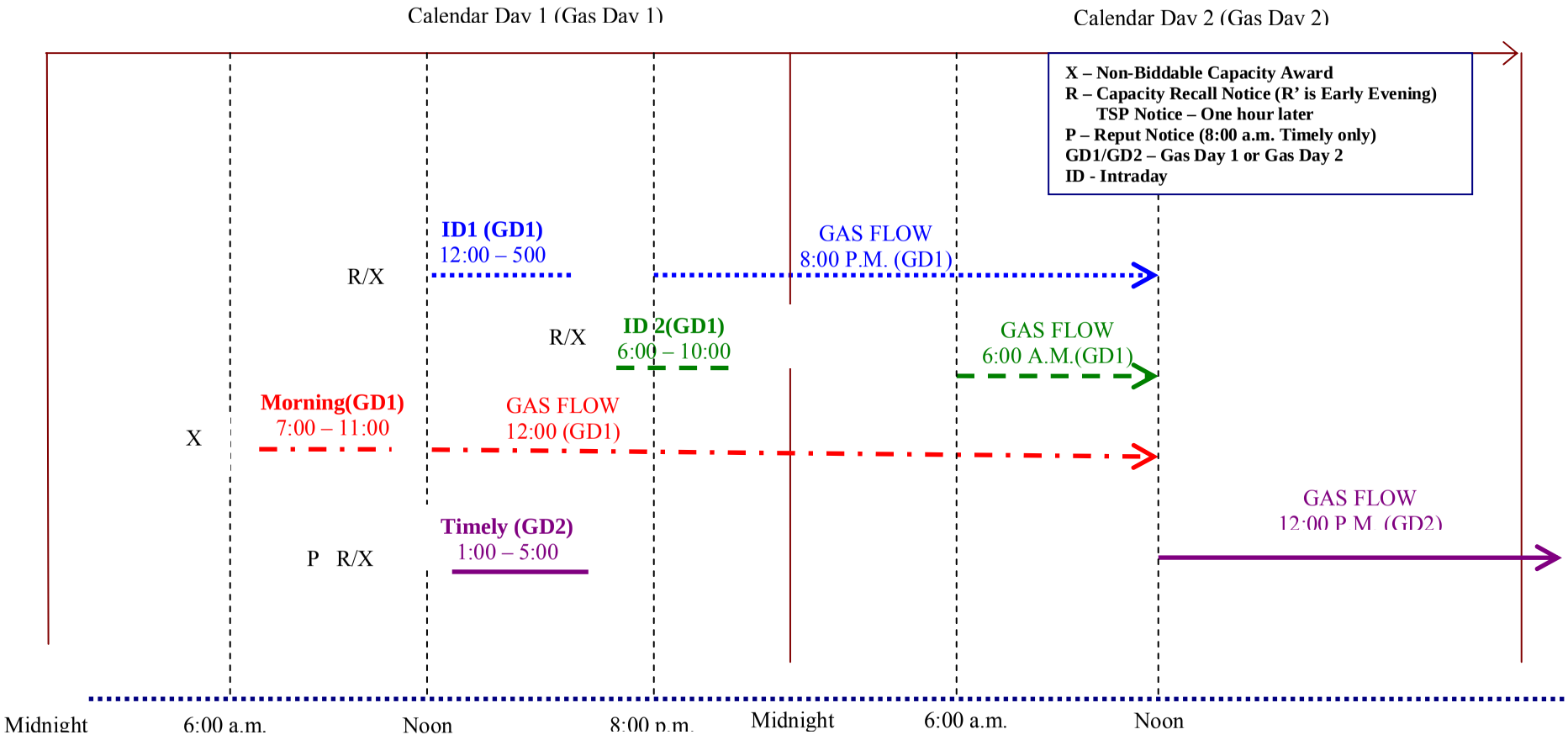

12:00 PM CDT GAS DAY/CALENDAR DAY

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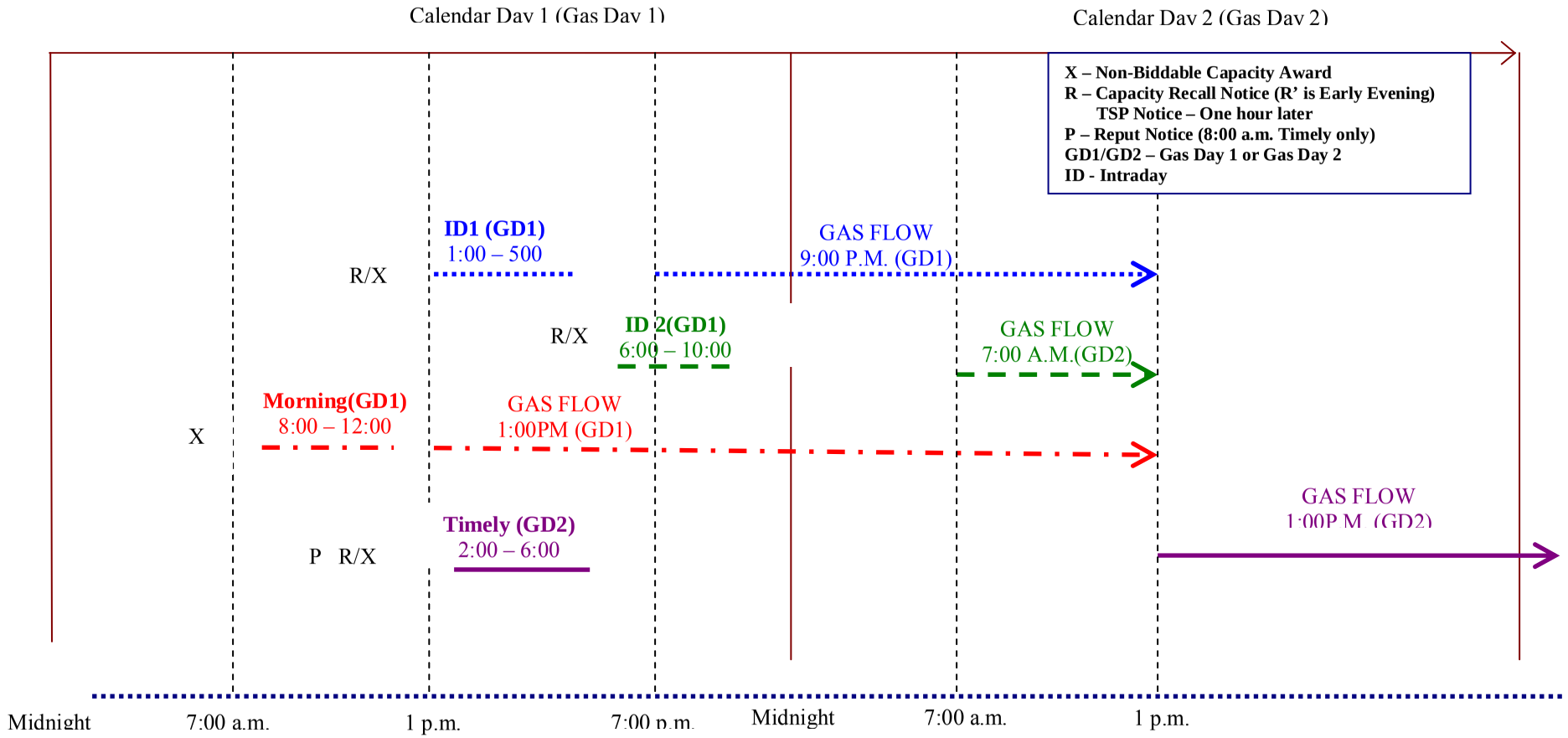
12:00 PM CDT GAS DAY/CALENDAR DAY				
	TIMELY	**MORNING**	**INTRADAY 1**	**INTRADAY 2**
NON-BID CAP REL AWARD POSTING	12:00 p.m.	6:00 a.m.	11:00 a.m.	5:00 p.m.
CAPACITY RECALL NOTICE	10:00 a.m.	6:00 a.m.	11:00 a.m.	5:00 p.m.
NOMINATION	1:00 p.m.	7:00 a.m.	12:00 p.m.	6:00 p.m.
NOM CONFIRM	4:00 p.m.	10:00 a.m.	3:00 p.m.	9:00 p.m.
NOM REPORT	5:00 p.m.	11:00 a.m.	4:00 p.m.	10:00 p.m.
GAS FLOW	12:00 p.m. (Gas Day 2)	12:00 p.m. (Gas Day 1)	8:00 p.m. (Gas Day 1)	6:00 a.m. (Gas Day 1)

NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM EPNG



1:00 PM CDT GAS DAY/CALENDAR DAY

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1:00 PM CDT GAS DAY/CALENDAR DAY				
	TIMELY	**MORNING**	**INTRADAY 1**	**INTRADAY 2**
NON-BID CAP REL AWARD POSTING	1:00 p.m.	7:00 a.m.	12:00 p.m.	5:00 p.m.
CAPACITY RECALL NOTICE	11:00 a.m.	7:00 a.m.	12:00 p.m.	5:00 p.m.
NOMINATION	2:00 p.m.	8:00 a.m.	1:00 p.m.	6:00 p.m.
NOM CONFIRM	5:00 p.m.	11:00 a.m.	4:00 p.m.	9:00 p.m.
SCH QTY REPORT	6:00 p.m.	12:00 p.m.	5:00 p.m.	10:00 p.m.
GAS FLOW	1:00 p.m. (Gas Day 2)	1:00 p.m. (Gas Day 1)	9:00 p.m. (Gas Day 1)	7:00 a.m. (Gas Day 1)

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM NORTHERN BORDER PIPELINE

3 Cycle Scheduling Proposal **Draft - For Discussion Purposes**

Northern Border Pipeline

Capacity Release	Cycle #1 (Timely)	Cycle #2 (Intra-day A)	Cycle #3 (Intra-day B)
Administrative Timeline	24 Hours	16 Hours	8 Hours

CCT Gas Day	PCT	MCT	CCT	ECT	
	6:00	7:00	8:00	9:00	
	6:30	7:30	8:30	9:30	
	7:00	8:00	9:00	10:00	
	7:30	8:30	9:30	10:30	
	8:00	9:00	10:00	11:00	
	8:30	9:30	10:30	11:30	
	9:00	10:00	11:00	12:00	
	9:30	10:30	11:30	12:30	
	10:00	11:00	12:00	13:00	
	10:30	11:30	12:30	13:30	
					BCR Open Season Ends @ 13:00 CCT
	11:00	12:00	13:00	14:00	
	11:30	12:30	13:30	14:30	
	12:00	13:00	14:00	15:00	
	12:30	13:30	14:30	15:30	
	13:00	14:00	15:00	16:00	
					Contract Completed by 16:00 CCT
	13:30	14:30	15:30	16:30	
	14:00	15:00	16:00	17:00	
					Posting of NBPR @ 16:30 CCT
	14:30	15:30	16:30	17:30	
					Contract Completed by 17:30 CCT
	15:00	16:00	17:00	18:00	
	15:30	16:30	17:30	18:30	
	16:00	17:00	18:00	19:00	
	16:30	17:30	18:30	19:30	
	17:00	18:00	19:00	20:00	

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM NORTHERN BORDER PIPELINE

3 Cycle Scheduling Proposal **Draft - For Discussion Purposes**

Northern Border Pipeline

					Capacity Release	Cycle #1 (Timely)	Cycle #2 (Intra-day A)	Cycle #3 (Intra-day B)
					Administrative Timeline	24 Hours	16 Hours	8 Hours
17:30	18:30	19:30	20:30					
18:00	19:00	20:00	21:00					
18:30	19:30	20:30	21:30					
19:00	20:00	21:00	22:00					
19:30	20:30	21:30	22:30					
20:00	21:00	22:00	23:00					
20:30	21:30	22:30	23:30					
21:00	22:00	23:00	0:00					
21:30	22:30	23:30	0:30					
22:00	23:00	0:00	1:00					
22:30	23:30	0:30	1:30					
23:00	0:00	1:00	2:00					
23:30	0:30	1:30	2:30					
0:00	1:00	2:00	3:00					
0:30	1:30	2:30	3:30					
1:00	2:00	3:00	4:00					
1:30	2:30	3:30	4:30					
2:00	3:00	4:00	5:00					
2:30	3:30	4:30	5:30					
3:00	4:00	5:00	6:00					
3:30	4:30	5:30	6:30					
4:00	5:00	6:00	7:00					
4:30	5:30	6:30	7:30					
5:00	6:00	7:00	8:00					
5:30	6:30	7:30	8:30					
						Nom. Deadline @ 08:00 CCT		
6:00	7:00	8:00	9:00					
6:30	7:30	8:30	9:30					
7:00	8:00	9:00	10:00					
7:30	8:30	9:30	10:30					
8:00	9:00	10:00	11:00					
8:30	9:30	10:30	11:30		Posting of NBPR @ 10:30 CCT			
9:00	10:00	11:00	12:00		Contract Completed by 11:30 CCT			

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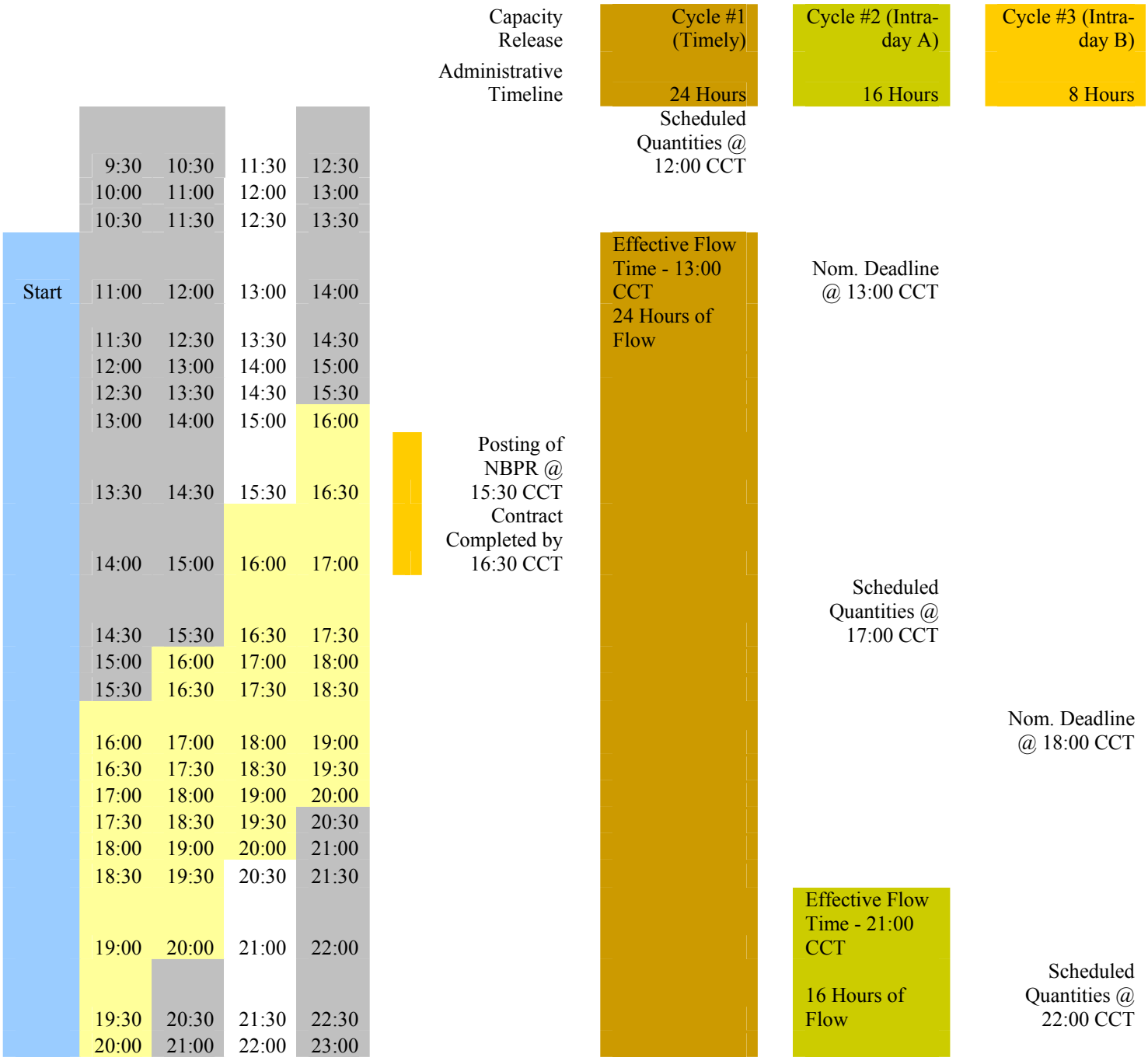
NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM NORTHERN BORDER PIPELINE

3 Cycle Scheduling Proposal **Draft - For Discussion Purposes**

Northern Border Pipeline



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3 Cycle Scheduling Proposal **Draft - For Discussion Purposes**

Northern Border Pipeline

					Capacity Release	Cycle #1 (Timely)	Cycle #2 (Intra-day A)	Cycle #3 (Intra-day B)
					Administrative Timeline	24 Hours	16 Hours	8 Hours
	20:30	21:30	22:30	23:30				
	21:00	22:00	23:00	0:00				
	21:30	22:30	23:30	0:30				
	22:00	23:00	0:00	1:00				
	22:30	23:30	0:30	1:30				
	23:00	0:00	1:00	2:00				
	23:30	0:30	1:30	2:30				
	0:00	1:00	2:00	3:00				
	0:30	1:30	2:30	3:30				
	1:00	2:00	3:00	4:00				
	1:30	2:30	3:30	4:30				
	2:00	3:00	4:00	5:00				
	2:30	3:30	4:30	5:30				
								Effective Flow Time - 05:00 CCT
	3:00	4:00	5:00	6:00				8 Hours of Flow
	3:30	4:30	5:30	6:30				
	4:00	5:00	6:00	7:00				
	4:30	5:30	6:30	7:30				
	5:00	6:00	7:00	8:00				
	5:30	6:30	7:30	8:30				
	6:00	7:00	8:00	9:00				
	6:30	7:30	8:30	9:30				
	7:00	8:00	9:00	10:00				
	7:30	8:30	9:30	10:30				
	8:00	9:00	10:00	11:00				
	8:30	9:30	10:30	11:30				
	9:00	10:00	11:00	12:00				
	9:30	10:30	11:30	12:30				
	10:00	11:00	12:00	13:00				
End	10:30	11:30	12:30	13:30				

Peak Times Across North American Grid

BCR Biddable Capacity Release

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM NORTHERN BORDER PIPELINE

3 Cycle Scheduling Proposal **Draft - For Discussion Purposes**

Northern Border Pipeline

	Cycle #1 (Timely)	Cycle #2 (Intra-day A)	Cycle #3 (Intra-day B)
Capacity Release			
Administrative Timeline	24 Hours	16 Hours	8 Hours

NBPR Non-biddable Prearranged Release

See Separate Tab for Outline of Proposal Advantages

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM NORTHERN BORDER PIPELINE

Advantages

Addresses a number of the timeline design considerations:

Gas day encompasses the two identified peak time periods

Cycle 1 nomination deadline eight hours before evening peak

Cycle 3 nomination deadline ten hours before morning peak

The three confirmation/scheduling processes occur between 8:00 am and 10:00 pm CCT with no overlap

Ten hour nomination staff window - Cycle 1 nomination deadline is 8:00 am CCT, Cycle 3 nomination deadline is 6:00 pm CCT

Primary deal making period for Cycle 1 would move from day ahead morning to day ahead afternoon

Four hours allotted to each confirmation/scheduling process

For a given gas day, there is one hour periods between each confirmation/scheduling process

Cycle 1 nomination through scheduling deadline occurs within the core business hours

Cycle 1 nomination deadline is well in advance of the electric day-ahead market

Although Cycle 1 gives pipelines only one hour to prepare system, pipelines could use what was nominated four hours before

to anticipate how to configure system

This approach eliminates the second full day scheduling opportunity

Flow times support reliability and safety

Simplifies gas day

All cycles for a given gas day occurs on the same calendar day

No overlapping processing times for cycles of two different gas days - easier to track balances (credit, OBA, PAL,…)

EPSQ calculations are simplified (full, 2/3, 1/3)

Electric generation markets are provided day of nomination opportunity

Works well with current standard administrative timeline for biddable capacity releases

Although not shown, recall and reput deadlines can be slotted in during business hours

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TRANSCANADA PIPELINES

Re: Wholesale Gas Quadrant, Business Practices Subcommittee – Nomination Timelines

Dear Ms. McQuade:

TransCanada PipeLines Limited Mainline System ("TransCanada") wishes to submit the following workpaper to NAESB for consideration in its Wholesale Gas Quadrant Business Practices Subcommittee discussions of the above referenced topic. Attached are slides, which include diagrams and tables for 2 models for consideration.

Before NAESB makes changes to the current nomination model (which includes nomination cycles and associated timelines), TransCanada encourages NAESB to take a step back and consider the following questions:

- o Does the current nominations model meet the needs of customers? What are the issues? Are any of the issues structural? What changes could be reasonably made?
- o What are the longer-term needs? What is the next logical step?
- o What criteria would be used to evaluate all models being considered?

From TransCanada's perspective, some issues with the current model include:

- o Nomination timelines are between 7 and 21.5 hours in advance of flow time for 3 of the 4 nomination cycles, which makes it difficult to forecast and nominate for volatile, unpredictable or weather sensitive loads.
- o The Timely and Evening cycles are duplicates. It is not efficient to consume a total of 9 hours of processing time for 1 flow time. Only 1 nomination cycle should be required for each flow time.
- o Overlapping cycles (e.g. processing Timely and Intraday 1 cycles during same period) adds complexity.

Given the above, changes, such as adding a cycle or two, and/or minor realignment of cycles, may not address the issues, or could perhaps add complexity and/or widen the business hours for scheduling for little benefit.

TransCanada has identified the following criteria for evaluating nomination models:

- o Reduce the time between nomination deadline and flow time to improve nominating efficiency and accuracy.
- o Simplify the structure of the model by minimizing overlap and eliminating duplicates.
- o Critical start of day and end of day nomination cycles are within or close to normal business hours across the grid.

TransCanada submits 2 models for discussion purposes:
Model 1: The gas day in this model would remain as is, and the timelines are restructured to address some of the issues.
Model 2: The gas day in this model would be modified to be 1500-1500 CCT. The rationale for selecting this gas day was to:

- o Start the gas day outside the morning and evening peak hourly gas deliveries;
- o Enable scheduling within or close to normal business hours; and
- o Enable effective beginning of day and end of day cycles.

TransCanada encourages NAESB to consider the concepts in these models and compare all models using a standard set of evaluation criteria.

Please post this letter and the attachment to the NAESB WGQ Business Practices Subcommittee webpage for the March 12 & 13, 2008 meeting.

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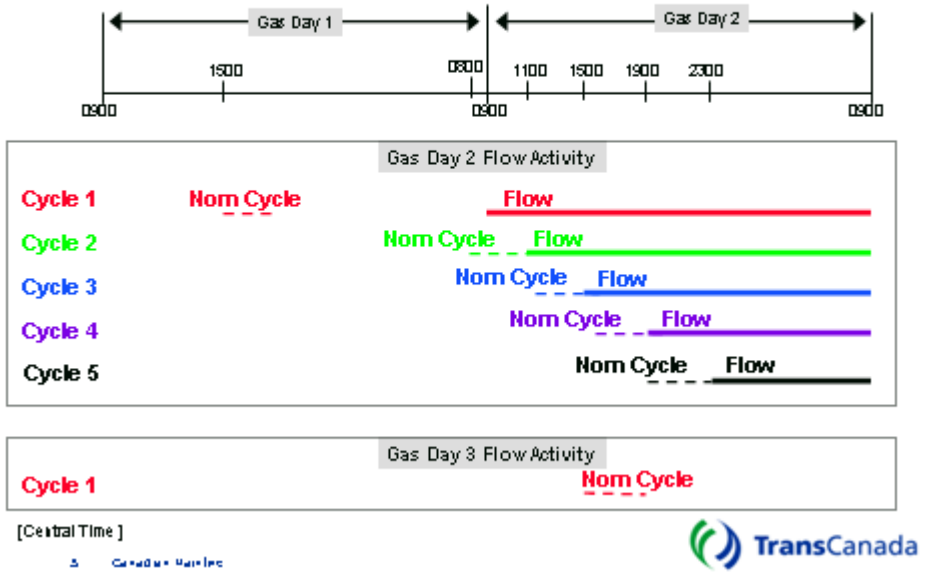
NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TRANSCANADA PIPELINES

Model 1 - Diagram



[Central Time]

TransCanada

Model 1 - Features

Cycle	Nom*	SQ*	Flow Time*
1	1500	1900	0900 next day
2	0730	1100	1100 same day
3	1130	1500	1500 same day
4	1530	1900	1900 same day
5	1930	2300	2300 same day

- Benefits:
  - 5 cycles (1 before Day; 4 intraday)
  - No duplicates (delete Timely cycle)
  - Reduced overlap
  - Some nominations are closer to flow time

* = Central Time

TransCanada

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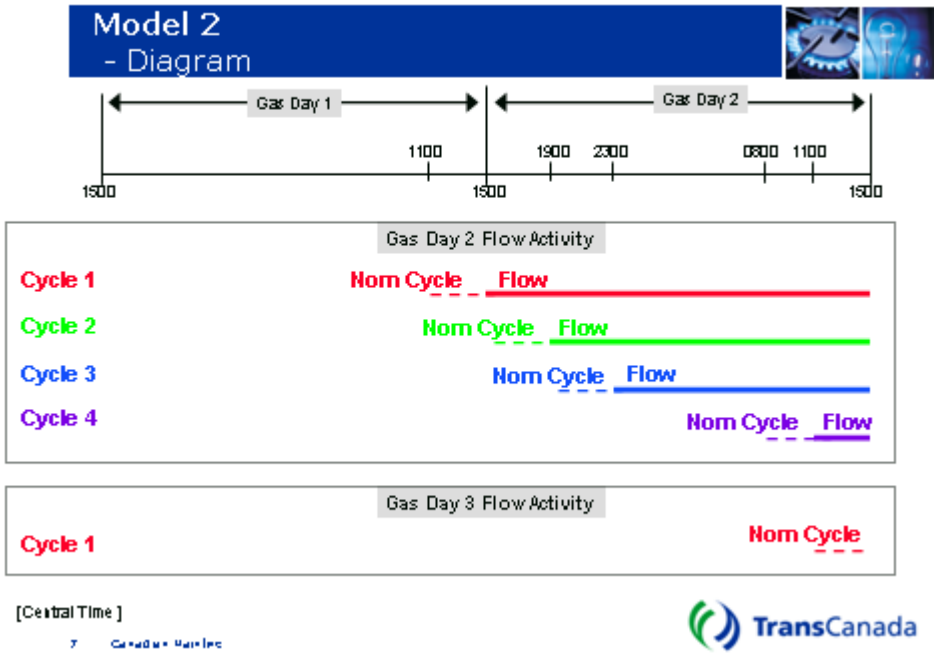
NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TRANSCANADA PIPELINES



Model 2 - Features

Cycle	Nom*	SQ*	Flow Time*
1	1100	1500	1500 next day
2	1530	1900	1900 same day
3	1930	2300	2300 same day
4	0730	1100	1100 same day

Gas Day modified to 1500-1500

Benefits

- 4 cycles (1 start of day, 3 intraday)
- Start & end of day cycles more aligned with Business Hours
- Facilitates 'late in the Day' balancing
- Nominations closer to flow time
- No duplicates

* = Central Time

TransCanada

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS TIMELINE PROPOSAL FROM IROQUOIS GAS TRANSMISSION

Option 1 (all times in Central)

	First Cycle	Second Cycle	Third Cycle	Fourth Cycle
Cycle Type	Bumpable	Bumpable	Bumpable	Non-Bumpable
Gas Flow Hours	24	12	6	1
Deadlines (Electric)				
Day Ahead Market Scheduling	2 PM			
Electricity Flow	12 AM (midnight)			
Deadlines (Gas)				
Nomination	3 PM	7 AM	1 PM	7 PM
Confirmation	6 PM	10 AM	4 PM	10 PM
Scheduling	7 PM	11 AM	5 PM	11 PM
Gas Flow	12 AM (midnight)	12 PM (noon)	6 PM	11 PM
Biddable Capacity Release Transactions				
Biddable Capacity Release Offer	12:00 PM			
Capacity Release Bid Period Ends	1:00 PM			
Capacity Release Award if no match	2:00 PM			
Match Deadline	2:30 PM			
Capacity Release Award with Match	3:00 PM			
Recall/Reput Transactions		Note: Times occur on day prior to flow		
Releasing Shipper Recall Notice	10 AM	2 PM	8 AM	N/A
Reput	10 AM	2 PM	8 AM	N/A
Pipeline notifies of recall	11 AM	3 PM	9 AM	N/A
Non-Biddable Capacity Releases		Note: Times occur on day prior to flow		
Non-biddable offer posting	1 PM	5 PM	11 AM	5 PM
Non-biddable capacity release award, posting and contracting	2 PM	6 PM	12 PM	6 PM

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS TIMELINE PROPOSAL FROM IROQUOIS GAS TRANSMISSION

Option 2 (all times in Central)

	First Cycle	Second Cycle	Third Cycle	Fourth Cycle
Cycle Type	Bumpable	Bumpable	Bumpable	Non-Bumpable
Gas Flow Hours	24	16	12	6
Deadlines (Electric)				
Day Ahead Market Scheduling	2 PM			
Electricity Flow	5 AM			
Deadlines (Gas)				
Nomination	3 PM	7 AM	12 PM	6 PM
Confirmation	6 PM	10 AM	3 PM	9 PM
Scheduling	7 PM	11 AM	4 PM	10 PM
Gas Flow	5 AM	1 PM	5 PM	11 PM
Biddable Capacity Release Transactions				
Biddable Capacity Release Offer	12:00 PM			
Capacity Release Bid Period Ends	1:00 PM			
Capacity Release Award if no match	2:00 PM			
Match Deadline	2:30 PM			
Capacity Release Award with Match	3:00 PM			
Recall/Reput Transactions		Note: Times occur on day prior to flow		
Releasing Shipper Recall Notice	10 AM	2 PM	7 AM	N/A
Reput	10 AM	2 PM	7 AM	N/A
Pipeline notifies of recall	11 AM	3 PM	8 AM	N/A
Non-Biddable Capacity Releases		Note: Times occur on day prior to flow		
Non-biddable offer posting	1 PM	5 PM	10 AM	4 PM
Non-biddable capacity release award, posting and contracting	2 PM	6 PM	11 AM	5 PM

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Order 698 – Proposed Timeline presented by S. Tomalty, FPL Energy
Natural Gas Scheduling (Nomination) Timeline

GISB Standard/Tariff Reference; GISB Standard 1.3.2 (GISB is the forerunner of the NAESB Wholesale Gas Quadrant)

Nomination Cycle	Nomination Deadline	Confirmation Deadline	Scheduled Quantity Available By
Timely Cycle **9:00 a.m.**	**11:30 a.m.** (EDI 11:45 a.m.) the day before the gas flows	**3:30 p.m.** the day before the gas flows	**4:30 p.m.** the day before the gas flows
Evening Cycle **9:00 a.m.**	**6:00 p.m** (EDI 6:15 p.m.) the day before the gas flows	9:00 p.m. the day before the gas flows	**10:00 p.m.** the day before the gas flows
Intraday 1 Cycle **ID1 17:00 p.m.**	**10:00 a.m.** (EDI 10:15 a.m.) the day the gas flows	**1:00 p.m.** the day the gas flows	**2:00 p.m.** the day the gas flows
Intraday 2 Cycle **ID2 21:00 p.m.**	**5:00 p.m.** (EDI 5:15 p.m.) the day the gas flows	**8:00 p.m.** the day the gas flows	**9:00 p.m.** the day the gas flows
Intraday 3 Cycle **(6:00 a.m. flow)**	**3:00 a.m.** the day of gas flow	**5:00 a.m. the day of gas flow**	**6:00 a.m. the day of gas flow**
~~Hourly* Cycle **22:00 p.m. – 8:00 a.m.**~~	~~One hour before the effective time for the gas to flow.~~	~~All nominations must be submitted before the deadline.~~	~~As soon as the scheduling job is completed.~~

* Non–GISB Requirement

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS TIMELINE DESIGN ISSUES HIGHLIGHTED

Timeline Design Considerations

1. Ensure effective flow times accommodate peak times across the North American grid.
   a. 6:00 am-10:00 am local time zone (5:00 am-12:00 noon CCT)
   b. 4:00 pm-10:00 pm local time zone (3:00 pm-12:00 midnight CCT)
2. Ensure that Intraday cycles are as close (nomination deadline) to evening peaks as possible.
3. Ensure that Intraday cycles are as close (nomination deadline) to morning peaks as possible.
4. Nomination/scheduling timeline should be within business hours as much as possible.
   a. Nominators , confirming parties, schedulers, contracting and field personnel adjusting the flow
   b. Pipelines (7:00 am-10:00 pm CCT, seven-days-a-week) for nomination thru scheduling (would want to have someone available one hour before the day and an hour after the last scheduled quantity). Some pipelines may have nomination and scheduling personnel available via telephone twenty-four-hours-a-day, seven-days-a week. Some capacity release personnel (7:30 am-4:00 pm CCT, Monday-Friday)
   c. Producer/Marketer (7:00 am-5:00 pm CCT, Monday-Friday)
   d. LDCs - most follow the same Producer/Marketer (7:00 am-5:00 pm local time, Monday-Friday). Some follow Pipeline schedule.
   e. Electric Utility (twenty-four-hours-a-day, seven-days-a-week)
5. Attempt to maintain 4 hours between nomination deadlines and when scheduling quantities are issued.
6. For a given gas day there should be time between the end of the confirmation/scheduling process for one cycle and the nomination deadline for the next cycle.
7. To the extent possible, the nomination thru scheduling deadline for the Timely cycle should occur within the core business hours (generally 7:00 am-5:00 pm local time).
8. To the extent possible, the nomination thru scheduling deadline for the last Intraday cycle should occur within the core business hours (generally 7:00 am-5:00 pm local time).
9. Ensure that the close of the electric day-ahead market is at least one hour before the deadline of the Timely nomination cycle.
10. Provide adequate time to set-up the pipeline after the scheduling process is complete and before the gas flows for that cycle.
11. Provide the need for two opportunities for full day scheduling as is now provided in the current NAESB timeline by the timely and evening cycles.
12. Provide opportunities to minimize exposure to scheduling and imbalance penalties or quantities by providing adequate nomination cycles.
13. Provide an adequate number of bumpable cycles to allow firm shippers to maximize use of their pipeline capacity, while continuing to comply with the Commission's no bump policy.
14. Minimize impact to trading on the financial markets due to changes in the existing NAESB Nomination timeline or gas day.
15. Ensure flow times promote reliability and safety.
16. Accommodate capacity release timeline.

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Models:

- TVA/APS Model - (same gas day)
- Iroquois Model 1 - (midnight/midnight Central time)
- Iroquois Model 2 - (5 am/5 am Central time)
- Northern Border - (1 pm/1 pm Central time)
- El Paso Model 1 - (noon/noon Central time)
- El Paso Model 2 - (1 pm/1pm Central time)
- TransCanada Model 1 - (same gas day)
- TransCanada Model 2 - (3 pm/3 pm Central time)
- Pipeline Collaborative - (same gas day with morning cycle)
- Existing Model

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Criteria		APS TVA Apr 23	Iroquois 1	Iroquois 2	Northern Border	El Paso 12 PM	El Paso 1 PM	Trans Canada 1	Trans Canada 2	Pipeline Collaborative	Existing
		9:00 AM	12:00 AM	5:00 AM	1:00 PM	12:00 PM	1:00 PM	9:00 AM	3:00 PM	9:00 AM	9:00 AM
1	Flow times accommodate peak times	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	No	Yes	Disagree	No
2	ID cycles nomination deadlines are as close to evening peak as possible	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No
3	ID cycles nomination deadlines are as close to morning peak as possible	No	No	No	No	No	No	No	No	No	No
4	Nom/scheduling timeline should be within business hrs as much as possible	No	No	No	Yes	Yes	Yes	No	No	No	Yes
5	Maintain 4 hrs between nom and scheduled quantities deadlines	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes
6	Time between end of 1 cycle's confirm & sched process & next cycle's nom deadline	Yes	Yes	Yes	Yes	Yes	Yes	Disagree	Disagree	Yes	Yes
7	Timely cycle (nom through scheduling) process should occur within core business hrs (7 am - 5 pm local time)	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
8	Last ID cycle (nom through scheduling) process should occur within business hrs (7 am - 5 pm local time)	No	No	No	No	No	No	No	Yes	No	No

NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS TIMELINE DESIGN ISSUES APPLIED TO MODELS

	Criteria	APS TVA Apr 23	Iroquois 1	Iroquois 2	Northern Border	El Paso 12 PM	El Paso 1 PM	Trans Canada 1	Trans Canada 2	Pipeline Collaborative	Existing
		9:00 AM	12:00 AM	5:00 AM	1:00 PM	12:00 PM	1:00 PM	9:00 AM	3:00 PM	9:00 AM	9:00 AM
9	Close of electric day-ahead market is at least 1 hr before Timely nom deadline	No	No	No	No	No	No	No	No	No	No
10	Adequate time for pipes to set up between end of scheduling process & gas flow time	Yes	Yes	Yes	Disagree	Yes	Yes	Disagree	Disagree	Yes	Yes
11	2 opportunities for full day scheduling as provided in existing Timely & Eve cycles	Yes	No	No	No	Yes	Yes	No	No	Yes	Yes
12	Opportunities to minimize scheduling & imbalance penalties w/ adequate nom cycles	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree
13	Adequate # of bumpable cycles to maximize firm capacity	Yes	Yes	Yes	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree
14	Minimize impact to trading on financial markets	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
15	Flow times promote reliability & safety	Disagree	No	No	Disagree	Disagree	Disagree	Disagree	Disagree	No	Disagree
16	Opportunities for operationally feasible non-bumpable late day noms	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree	Disagree
17	Accommodate capacity release timeline	No	Uncertain	Uncertain	No	No	Uncertain	Uncertain	Uncertain	Yes	Yes
Number of "YES" Indicators		8	5	5	5	7	7	3	5	8	8

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS TIMELINE PROPOSALS STRAW VOTES BALANCED VOTE LEGEND FOR BALANCED STRAW VOTE: GREEN – PASSED, YELLOW– FAILED, BLUE - WITHDRAWN

APS/TVA - April 23 Model

PASSED

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
End Users	8	0	8	2	0	2
LDCs	5	4	9	1.111111	0.888889	2
Pipeline	1	13	14	0.142857	1.857143	2
Producer	0	6	6	0	2	2
Services	2	0	2	2	0	2
Total	16	23	39	5.253968	4.746032	10

Iroquois 1 Model

FAILED

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
End Users	0	8	8	0	2	2
LDCs	0	9	9	0	2	2
Pipeline	0	13	13	0	2	2
Producer	0	6	6	0	2	2
Services	0	2	2	0	2	2
Total	0	38	38	0	10	10

Iroquois 2 Model

FAILED

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
End Users	0	8	8	0	2	2
LDCs	1	8	9	0.222222	1.777778	2
Pipeline	0	13	13	0	2	2
Producer	0	6	6	0	2	2
Services	0	2	2	0	2	2
Total	1	37	38	0.222222	9.777778	10

Northern Border Model

FAILED

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
End Users	0	8	8	0	2	2
LDCs		9	9	0	2	2
Pipeline	2	13	15	0.266667	1.733333	2
Producer		6	6	0	2	2
Services		2	2	0	2	2
Total	2	38	40	0.266667	9.733333	10

El Paso 12 PM Model

WITHDRAWN

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El Paso 1 PM Model

FAILED	Segment	Votes Cast			Balanced Vote		
		YES	NO	TOTAL	YES	NO	TOTAL
	End Users	1	8	9	0.222222	1.777778	2
	LDCs	1	8	9	0.222222	1.777778	2
	Pipeline	7	9	16	0.875	1.125	2
	Producer	0	6	6	0	2	2
	Services	0	1	1	0	1	1
	Total	9	32	41	1.319444	7.680556	9

TransCanada 1 Model

FAILED	Segment	Votes Cast			Balanced Vote		
		YES	NO	TOTAL	YES	NO	TOTAL
	End Users	0	9	9	0	2	2
	LDCs	0	9	9	0	2	2
	Pipeline	2	13	15	0.266667	1.733333	2
	Producer	0	6	6	0	2	2
	Services	0	1	1	0	1	1
	Total	2	38	40	0.266667	8.733333	9

TransCanada 2 Model

FAILED	Segment	Votes Cast			Balanced Vote		
		YES	NO	TOTAL	YES	NO	TOTAL
	End Users	0	9	9	0	2	2
	LDCs	2	7	9	0.444444	1.555556	2
	Pipeline	3	12	15	0.4	1.6	2
	Producer	0	6	6	0	2	2
	Services	0	1	1	0	1	1
	Total	5	35	40	0.844444	8.155556	9

Pipeline Collaborative Model

FAILED	Segment	Votes Cast			Balanced Vote		
		YES	NO	TOTAL	YES	NO	TOTAL
	End Users	4	5	9	0.888889	1.111111	2
	LDCs	4	5	9	0.888889	1.111111	2
	Pipeline	12	4	16	1.5	0.5	2
	Producer	0	6	6	0	2	2
	Services	1	0	1	1	0	1
	Total	21	20	41	4.277778	4.722222	9

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NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS TIMELINE PROPOSALS STRAW VOTES BALANCED VOTE LEGEND FOR BALANCED STRAW VOTE: GREEN – PASSED, YELLOW– FAILED, BLUE - WITHDRAWN

FPL Energy Model

PASSED

Segment	Votes Cast			Balanced Vote		
	YES	NO	TOTAL	YES	NO	TOTAL
End Users	3	5	8	0.75	1.25	2
LDCs	4	4	8	1	1	2
Pipeline	3	9	12	0.5	1.5	2
Producer	6	0	6	2	0	2
Services	1	0	1	1	0	1
Total	17	18	35	5.25	3.75	9

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NAESB UPDATE: ETARIFF SUMMARY
AS OF APRIL 29, 2008

E-TARIFF STANDARDS DEVELOPMENT – ASSIGNED TO WHOLESALE GAS AND WHOLESALE ELECTRIC:

- **eTariff (WEQ and WGQ):** The initial meeting was held on February 1, 2006 at the FERC, opened by Chairman Kelliher. Proposals from INGAA, EEI, AOPL and Texas Intrastate Association were given, along with a review by FERC staff of requirements to be met for an e-Tariff program. Since that initial meeting, several others have been held and a consensus has been reached for building to support a web portal option for electronically filing tariffs. While the original completion date was schedule for year-end 2007 to be out of committee, it has since been revised to first quarter 2008.

MEETING SUMMARY:

- **February 1, 2006 :** A meeting was held at the FERC, opened by Chairman Kelliher. Proposals from INGAA, EEI, AOPL and Texas Intrastate Association were given, along with a review by FERC staff of requirements to be met for an e-Tariff program.
- **March 13, 2007:** A meeting was held at NAESB offices, chaired by Keith Sappenfield and Jane Daly. The FERC staff further delineated their requirements and answered questions from EEI and INGAA. The group began drafting standards.
- **April 26, 2007:** The e-Tariff Subcommittee met in Washington DC hosted by AGA. During this meeting, FERC Staff reviewed their work paper Filing Field Data Example Submitted by FERC Staff and answered questions on what data will be required for submittal of electronic tariff and related documents. The pipeline segment also presented their proposed approach regarding development of e-Tariff standards. After further discussion, it was determined that the e-Tariff Subcommittee needed to schedule a conference call prior to the June 4 meeting to determine what approach the NAESB e-Tariff standards will take.
- **May 21, 2007:** The e-Tariff Subcommittee met via conference call for a one-topic agenda – to determine the approach the NAESB e-Tariff standards will take. During the conference call, there was a unanimous decision to support the modified web portal approach.
- **June 4, 2007:** The group met in Phoenix, Arizona on June 4 hosted by Arizona Public Service. During this meeting, FERC Staff reviewed the individual data elements that would be required for e-Tariff filings. During this meeting, a motion was made to take a non-binding straw vote to move forward with the document submitted by FERC staff that contained the required data elements. A motion was made to defer the first motion. The motion to defer passed the WEQ, but failed the WGQ.
- **July 10, 2007:** The e-Tariff Subcommittee met via conference call to adopt the minutes from the April 26, May 21, and June 4 meetings. The agenda for the July 27 meeting was also discussed during this call.
- **July 27, 2007:** The e-Tariff Subcommittee met in Washington, DC hosted by EEI. During this meeting, the e-Tariff Subcommittee voted to create an e-Tariff Technical Task Force; reviewed Draft Electronic Tariff Data Elements and Descriptions that will be forwarded to the e-Tariff Technical Task Force; and adopted a motion to take a straw poll that the e-Tariff Subcommittee is going to work on option A – the web portal option for e-Tariff submittals. The Draft Electronic Tariff Data Elements and Descriptions document will be used by the e-Tariff Technical Task Force for development of the xml schema that will be created in conjunction with the e-Tariff business practice standards.

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NAESB UPDATE: ETARIFF SUMMARY
AS OF APRIL 29, 2008

- **August 20, 2007:** The e-Tariff Subcommittee met via conference call on August 20, 2007 from 12:00 PM to 4:00 PM Central. The agenda for this call was a single topic agenda to cover several items that were raised during the discussion of the metadata prior to the technical task force meeting on August 23-24. Additional discussion is needed to determine the definition and specifics for the metadata data elements: Line 8 – Database Identifier; Line 20 – Associated Filing; Line 30 – Document Security Level; Line 37 – Tariff Record Title; Line 38 – Tariff Record Number; Line 39 – Tariff Record Collation Value and Line 41 - Tariff Record Parent or Container Identifier.
- **August 23-24, 2007:** The first meeting of the e-Tariff Technical Task Force met on August 23-24, 2007 in Washington, DC hosted by FERC. During this meeting, FERC's contractor gave the Task Force an overview of the FERC Backend system processing of e-Tariff XML data, explained that the XML was chosen solely because it is in widespread use and emphasized that XML will be used solely to file documents at FERC, not to communicate between anyone else and needs no field for future expanded uses. The Task Force reviewed FERC's and WGQ's pipeline segment XML strawmen; and commenced severe shortening of the pipeline segment's XML strawman, chosen as best of breed. Mr. Brooks, ISO New England is co-chair of the e-Tariff Technical Task Force for the WEQ and Mr. Burden, Williams Gas Pipeline is co-chair of the e-Tariff Technical Task Force for the WGQ.
- **September 13-14, 2007:** The e-Tariff Technical Task Force met on September 13-14 in Houston at the NAESB offices to complete development of the XML schema. During this meeting, Mr. Kravis provided a presentation on options for binary formats. The group conducted a status update of issues/action items and reviewed open issues and progress since the August 23-24 meeting. The group created a list of all filing types for the three industries – gas, oil, and electric and discussed enhancements to the XML schema, and determined that use cases would need to be developed for each industry.
- **October 11-12, 2007:** The e-Tariff Subcommittee met in Houston hosted by NAESB. During this meeting, the subcommittee received an update from the e-Tariff Technical Task Force, discussed and approved the e-Tariff Task Force proposal for element names with only a few modifications made, and discussed the open issues identified by the e-Tariff Technical Task Force. During this meeting it was determined that the e-Tariff Technical Task Force would need additional time to complete XML schema, the use cases, and the technical implementation business process document as it could not be completed by the end of 2007. It was determined that the e-Tariff Subcommittee would meet in January 2008 to review the progress of the e-Tariff Technical Task Force and then meet in February 2008 to vote on the standards package.
- **October 16, 2007:** The NAESB office informed the FERC that the eTariff subcommittee would not be complete with its work by year-end, and that the group expected that February 2008 was the new target date for completion. All needed steps would be taken to ensure that the eTariff project would receive the needed priority.
- **October 22-23, 2007:** The e-Tariff Technical Task Force met on October 22-23 in Holyoke, Massachusetts hosted by ISO New England. During this meeting, the e-Tariff Technical Task Force reviewed the actions taken by the e-Tariff Subcommittee during the October 11-12 meeting, continued to discuss and modify the XML schema, made assignments for creation of use cases for all three industries and different filing types for each industry, and made assignments for the technical sections of the Technical Implementation Business Process (TIBP).
- **November 28-30, 2007:** The e-Tariff Technical Task Force met on November 28-30 in Phoenix, Arizona, hosted by Arizona Public Service. During this meeting, the Task Force reviewed and corrected technical descriptions of the Draft TIBP, which includes the XML schema, the CSV format requirements, use cases, data tables, code values, reference tables, technical specifications of web portal and layman's explanation of each of

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the foregoing. At the conclusion of the meetings, the leadership was approached and it was determined that the group is progressing as planned towards a February 2008 date.

- **December 10, 2007:** The e-Tariff Technical Task Force met via conference call to review the FERC data tables and then take a vote on the entire TIBP.
- **January 8, 2008:** The e-Tariff Task Force met via conference call during the first week of January 2008 with the e-Tariff Subcommittee to explain its corrections to the technical descriptions, as well as its views on a few remaining combined technical/business issues.
- **January 23-25, 2008:** The e-Tariff Subcommittee met January 23-25, 2008 in Colorado Springs, Colorado hosed by El Paso. During this meeting, it is planned for the e-Tariff Subcommittee to vote out the recommendation of the standards for e-Tariff to the WGQ and WEQ Executive Committees.
- **February 27, 2008:** The comment period ended on February 27 for the recommended standards for eTariff. Eight sets of comments were received plus a set of chairs' comments that highlighted frequently asked questions.
- **February 29, 2008:** The ECs voted on February 29, 2008 with notational ballots due on March 4, 2008 for absent EC members, to approve the recommendation, passing each EC with the needed super-majority thresholds of 67% from each quadrant (WEQ – 83% , WGQ – 84%), and a minimum of 40% affirmative votes from each segment. No negative votes were received. Several EC members either abstained or failed to provide a ballot. T
- **April 4, 2008:** The WGQ and WEQ membership was forwarded the recommended standards approved by the ECs. They were ratified by each quadrant on April 4, 2008 after a thirty day ratification period, garnering the super-majority threshold of 67% from each quadrant (WEQ – 97%, WGQ -100%).
- **April 15, 2008:** The NAESB office forwarded a progress NAESB Report to the FERC including the record of standards development for the eTariff project.
- **April 17, 2008:** The FERC issued a Notice of Proposed Rule-making regarding the standards forwarded to them on April 15 with a 30-day comment period after publication in the Federal Register. The FERC in the NOPr proposes to revise its previous Notice of Proposed Rulemaking for electronic tariff filing. The revised proposal would require that all tariffs and tariff revisions and rate change applications for the public utility, natural gas pipeline, and oil pipeline industries be filed electronically according to a set of standards developed in conjunction with the North American Energy Standards Board. These standards will enable the Commission to develop a tariff database for use by the Commission staff, the industry, and the public to view and research tariffs, and also provides companies the flexibility to design or purchase software for making tariff filings that best fits their business needs. Upon the effective date of a final rule in this proceeding, the Commission will no longer accept tariff filings submitted in paper format.
- **April 29, 2008:** The NOPR appeared in the Federal Register beginning the clock for industry comment to the FERC.

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Chezar, Dolores	KeySpan
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Cleveland, Ralph	AGL Resources
Clore, Sally L.	Midwest ISO
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McCawley, John	Peco Energy Company
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McGovern, Patrick	Georgia Transmission Corporation
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Nail, Lucia	Sungard
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Neel, Lisa	Texas Gas Transmission LLC
Nelson, Cynthia D.	El Paso Western Pipelines
Neustifter, Robert M.	Consumers Energy Company
Newberry, David	MidAmerican Energy
Nick, David	DTE Energy
Nishimuta, Lisa	ONEOK Partners GP LLC
Norris, Clay	North Carolina Municipal Power Agency #1
Novak, Michael	National Fuel Gas Distribution
Nugent, Pat	Texas Pipeline Association
Nutsch, Casey	FERC
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Ogenyi, Gloria	Conectiv
Olsen, Greg	Ontario Power Generation
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O'Neill, Ean	California ISO
Overtree, Ed	NAESB
Ozenne, Dan	San Diego Gas and Electric
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Perlman, Marjorie	Energy East Management
Petersen, Don	Pacific Gas & Electric
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Phillips, Dana	American Electric Power
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Pierce, Mark	Spectra Energy
Pincus, Steven	PJM Interconnection
Plattsmier, Deborah	Chevron
Pommen, Diane	Alberta Electric System Operator
Ponseti, Tim	Tennessee Valley Authority
Popowsky, Sonny	Pennsylvania Office of Consumer Advocate
Potter, Chris	AEP
Potter, Rob	Portland General Electric Company
Precht, Phil	Constellation
Pritchard, Alan	Duke Energy Corporation
Pulcini, Robert	The Structure Group
Purtee, Jeffrey	Sierra Pacific Resources
Pysh, Rose	The United Illuminating Company (UI)
Rager, Denise	NAESB
Ralph, Robbie	Shell Pipeline Company
Raup, Christopher	Consolidated Edison of New York, Inc.
Reed, Bruce	BP Energy
Rehman, Barbara	Bonneville Power Administration
Reilley, Robert	Coral Power LLC
Reitz, Dave	National Fuel Gas Supply
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Riner, Bobette	Powerdex, Inc.
Rogers, Jan	Chevron
Rosenberg, Marv	Independent
Royalty, Matt	Southern Star Central Gas Pipeline
Rudd, Doug	New Jersey Natural Gas Company
Ruell, Cheryl A.	ISO New England, Inc.
Saini, Narinder	Entergy
Sappenfield, Keith	EnCana Corporation
Sawyer, Dan	Enbridge Energy, Inc.
Scavo, Joseph	Old Hickory Consulting (rep: Entergy)
Schaub, Patricia	FERC
Schmidt, Joann	Xcel Energy
Schmitke, Laurel	Alliance Pipeline Ltd.
Schwecke, Rodger	Southern California Gas Company
Schwermann, Robert	SMUD
Seekell, Christina	Consumers Energy Company
Severance, Charles	Wisconsin Public Service Corporation
Shafer, Rueben	DataNet, Inc.
Shah, Hassan	Entergy
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Sharp, Toni	Kern River
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	Marketing
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Sobel, Jana J.	Southern Natural Gas Company
Soderberg, Grace D.	NARUC
Solitario, Denise A.	ONEOK Partners GP LLC
Sorenson, Paul	OATI
Spangler, Leigh	Latitude Technologies
Steffes, Darla	Northern Border
Stender, Mike	El Paso Corporation
Stepenovitch, Joe	Independent
Stewart, Cindy E.	FirstEnergy Service Company
Stewart, Lee	Southern California Gas Company
Stires, Susan	El Paso Natural Gas
Straquadine, Tony	Alliance Pipeline Ltd.
Stroh, Robert	Bruder, Gentile & Marcoux, L.L.P.
Sumter, Gail	Assoc. of Oil Pipe Lines
Sutton, Dawn	Progress Energy Service Co., LLC
Swamy, Priya	Dominion Transmission Inc.
Taylor, Darren	Calpine Corporation
Taylor, Lynn	CenterPoint Energy
Templeton, Jim	Comprehensive Energy
Theodore, Sharon Royka	NiSource
Tholt, Jane	TransCanada
Thomason, Angela	NAESB
Thomason, Veronica	NAESB
Thompson, Cindy	Southern Star Central Gas Pipeline
Thompson, Tim	Southern Star Central Gas Pipeline
Thorn, Michael J.	FirstEnergy Service Company
Thornton, Belinda	Tennessee Valley Authority
Thornton, Kathy	Enbridge Offshore
Thrash, MiYung	Shell Pipeline Company LP
Tiggelaar, Keith	Williston Basin Interstate Pipeline Company
Tigue, John R.	NYSEG
Tilghman, Henry	PacifiCorp
True, Roy	ACES Power
Ulch, Dean	Southern Company
Van Ness, Jana	Arizona Public Service Company
Van Pelt, Kim	Panhandle Eastern Pipe Line
Vandervort, Thomas	NERC
VanGordon, Michelle L.	Midwest ISO
Vaughn, C. Mark	NiSource Pipeline
Vicente, Denny	BP Pipelines
Voeck, Julie	American Transmission Company
Warr, Martin	BP Energy
Weathers, Wendy	Salt River Project
Weaver, Alonzo	Memphis Light Gas and Water
Wei, Karen	The Structure Group
Westendorff, Julie B.	Edison Electric Institute
Westerfield, Lou Ann	Idaho Public Utility Commission
White, Craig	Philadelphia Gas Works
Whiting, Luke	Florida Power and Light
Wiley, Ken	FRCC
Williams, Robert C. (Bob)	Florida Municipal Power Agency
Willis, Joe	Magellan Pipeline Company
Willis, Michelle	CenterPoint
Williston, Wade	Entergy
Winterfeld, Curtis	Deseret Generation & Transmission Cooperative
Yakopcic, George	Allegheny Energy
Yang, Aiwei	Northern Natural Gas Company
Yeung, Charles	Southwest Power Pool
Yip, Nelson	Consolidated Edison
York, Katherine	Tennessee Valley Authority
Young, Randy	Gulf South Pipeline Company LP
Younglund, Marshia	Williams
Yount, Sheila	TransCanada
Zeiszler, Don	Williston Basin Interstate Pipeline Company
Zelenko, Richard	Dominion Retail Inc.
Zimberlin, Joy	New York ISO

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NAESB UPDATE: ETARIFF RECOMMENDATION

STANDARDS LANGUAGE:

D1 Tariff Submitter is the term used to describe any entity that is required to submit a Tariff Filing.

D2 Tariff Filing is the term used to describe a compilation of all document(s), associated data and supporting documents that is required to be filed electronically by a Tariff Submitter pursuant to Title 18 Code of Federal Regulations Parts 35, 154, 284, 300, 341 or other Parts as required by the Federal Energy Regulatory Commission.

D3 Tariff Record is the term used to describe the part of a Tariff Filing that consists of the data elements that relate to a sheet, section or entire tariff, rate schedule, or service agreement that is required to be filed with the Federal Energy Regulatory Commission.

D4 Sheet-Based Format and Section-Based Format are the terms used to describe the subdivision into sheets or sections, respectively, of a tariff, rate schedule, or service agreement for purposes of a Tariff Filing.

D5 Whole Document Format is the term used to describe a tariff, rate schedule, or service agreement submitted as a single document within a Tariff Record for purposes of a Tariff Filing.

S1 A Tariff Submitter should electronically submit a Tariff Filing pursuant to the requirements as set forth in NAESB WGQ Standard [x.4.z] / NAESB WEQ Standard [X].

S2 For the electronic submission of a Tariff Filing, a tariff, rate schedule, or service agreement, and changes thereto, should be structured using one or more of the following methods:

i. Sheet-Based Format,
ii. Section-Based Format, or
iii. Whole Document Format.

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NAESB UPDATE: ETARIFF RECOMMENDATION

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Executive Summary

This implementation guide is for use by entities required to submit tariffs, rate schedules, and service agreements together with supporting documentation to the Federal Energy Regulatory Commission (FERC) pursuant to Title 18 Code of Federal Regulations Parts 35, 154, 284, 300, 341 or other Parts as required by FERC. Filings which historically were submitted in hard copy should be submitted electronically according to the guidelines contained herein. To accomplish this, the components of the previous filings will need to be separated into various pieces of identifying information as defined by the data elements contained herein. These data elements and their accompanying data, are hierarchically organized by the XML schema and when compiled constitute an XML filing package for an electronic Tariff Filing. The XML filing package is then uploaded through a web portal. The following is a guide describing the various processes/mechanisms, data tables, code values/reference tables, and technical specifications used in the submission of such Tariff Filings.

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Chair's Comments on the
eTariff Subcommittee Recommendation to the
WEQ and WGQ Executive Committees

During the NAESB eTariff Subcommittee's (SC) development of the recommended eTariff Definitions, Standards and Implementation Guide dated January 25, 2008, many participants in the SC meetings and eTariff Technical Task Force discussed several concerns and issues that they believe need to be addressed prior to the Federal Energy Regulatory Commission's ("Commission") implementation of the Definitions, Standards and Implementation Guide. The Definitions, Standards and Implementation Guide are limited in scope to the issue of how Tariff Filings will be submitted to FERC and do not govern or guide many aspects of the Tariff Filing process or requirements. That is, the Definitions, Standards and Implementation Guide, only when coupled with guidance materials that will need to be issued by FERC (including a Final Rule), would provide the full set of information needed to make a Tariff Filing correctly. These Comments reflect the joint concerns and issues that the WEQ and WEG felt should be included in NAESB's filing that is submitted to the Commission as part of the record for the NAESB eTariff Definitions, Standards and Implementation Guide, but were not within the scope of the NAESB process.

Participants also believe that resolution of most, if not all, of the concerns and issues should be completed prior to the time a Tariff Submitter develops its internal or external systems to submit their Tariff Filing to the Commission's website portal. SC and eTariff Technical Task Force participants included key members of the Commission Staff who indicated that, under a new rulemaking, Commission would seek comments on both the NAESB eTariff Definitions, Standards, Implementation Guide and other industry comments filed as part of the NAESB eTariff record as well as address the many issues and concerns relating to Tariff Filings that were not within the scope of the NAESB process.

During the SC meeting of January 25, 2008, the issues and concerns identified below were among those discussed during the SC's review of the eTariff Implementation Guide's Frequently Asked Questions (FAQ) that were determined to be outside the scope of the NAESB process and thus would need to be addressed in the rulemaking and/or the guidance documentation that FERC will need to provide. Several FAQs were revised and retained in the eTariff Implementation Guide since they were within the scope of the NAESB process. The DRAFT Responses below are suggested answers to the questions based on the participant's understandings of past Commission action on similar matters and discussions with Staff.

Frequently Asked Questions
General Questions:

Question: What will be the resolution process if there is a disagreement between the Commission's eTariff database/public viewer and the Tariff Submitter's database?

Response: The clean copy posted on eLibrary is and will be the official copy of all or part of a tariff, rate schedules, or service agreements on file with the Commission. Discrepancies between the posted version and any version in the possession of the Tariff Submitter would be resolved in the same manner as prior to eTariff.

Question: What procedure will there be for the filing of Tariff Filing-related motions, rehearing, and protests?

Response: eFiling should be used for the filing of any documents that do not constitute Tariff Filings. Other than a motion to suspend a tariff in effect or move a suspended tariff into effect, the listed types of documents are not Tariff Filings, they merely relate to a Tariff Filing. A Tariff Filing typically results in a change to the text or status of a tariff, rate schedule, or service agreements.

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Question: What about settlements? Settlements often include proposed changes to tariff, rate schedules, or service agreements.

Response: Settlements containing such proposed changes can be eFiled and when ruled upon by the Commission (accepted, rejected, or accepted with modification), the relevant Tariff Records can then be submitted as a compliance filing.

Question: Some Tariff Submitters, only have NGA Section 5 or FPA 206 rights to change a tariff, rate schedules, or service agreement. That is, the tariff Submitter may not file to change the document unilaterally. Today, the Tariff Submitter would file a complaint, using its Section 5 or 206 rights and might include the proposed changed sheets. How should such filings be made in the future?

Response: The Tariff Submitter should eFile a Complaint and not change its Tariff Records until Commission rules on the complaint that the change is accepted.

Question: A Tariff Submitter is making a change to an electric industry tariff, rate schedule, or service agreement that has never been filed pursuant to Order No. 614, how does a Tariff Submitter do this?

Response: File the updated tariff, rate schedule, or service agreement in its entirety using one of the three formats for the Tariff Records. In accordance with Order No. 614, or a superseding order, consolidate any existing supplements/amendments such that the Tariff Records contain only the current terms and conditions. As is the case today, a waiver of the redline may be requested.

Question: A current tariff, rate schedule, or service agreements has a Table of Contents with page numbers as part of the tariff, rate schedule, or services agreement, but the Tariff Records in eTariff will not necessarily have any page numbering, how should this issue be addressed?

Response: A Tariff Submitter may delete the page numbers in the Tariff Record(s) containing the Table of Contents. Thus, the Table of Contents simply would provide the reader the order of the sections of the document. If you choose to include page numbers in the text of the tariff, rate schedule, or service agreement, the eLibrary posted version of the tariff, rate schedule, or service agreement, should include page numbers in a header or footer.

Data Element-Specific Questions

Question: How should a Tariff Submitter select a Tariff Title?

Response: A logical Tariff Title depends on how many and which tariffs, rate schedules, or service agreements will be contained in an eTariff database.

Question: What are the typical situations in which there will be an Associated Filing?

Response: A compliance filing, other than a compliance filing driven by a Commission-initiated rulemaking or a complaint, nearly always has an Associated Filing. A withdrawal filing nearly always, if not always, has an Associated Filing.

Question: How far apart should Record Collation Values be?

Response: It is suggested in the Implementation Guide that the collation values be incremented at 1000. But, the Tariff submitter should make this determination in consideration of such factors: how many tariff, rate schedules, or service agreements will eventually be in a database, whether such tariffs, rate schedules, or service agreements will be Section-Based Format, Sheet-Based Format, or Whole Document Format and if tariff, rate schedules, or service agreements are Section or Sheet-Based Format how likely will be the need to add new Sheets or Sections in between existing ones.

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Question: A Tariff Submitter is submitting an OATT and it is based on Commission's Pro Forma OATT, should a Tariff Submitter use Record Change Type "Pro Forma"?

Response: No. The Record Change Type "Pro Forma" has nothing to do with the pro forma OATT or other pro forma service agreements used by various Tariff Submitters. At this time the Record Change Type "Pro Forma" is limited to use by interstate natural gas companies.

How to Effectuate Certain Types of Filing

A presentation by National Grid on 1-25-2008 to the SC is related to the following question and provides information on the serious concerns raised by the DRAFT Response, which are the approaches that have been discussed to date. Appendix "A" to these comments includes a copy of this presentation.

Question: In the electric industry, some of the tariff, rate schedules, or service agreements for organized markets are 'shared', i.e., managed jointly, in part, or separately by various entities. Can multiple Company Identifiers be entered for one Filing Identifier?

Response: No, an eTariff database will be assigned one Company Identifier for such organized market (e.g., ISO New England). The following are two methods by which the individual pieces of a shared tariff, rate schedule, or service agreement can be submitted. It is up to the stakeholders in an organized market to determine which way works best for their situation.

- The Company Identifier, corresponding password and all relevant Data Elements are provided by the organized market administrator to the various entities responsible for the submission of individual pieces.
- The individual pieces of the shared Jurisdictional Document are prepared by the responsible entity and then passed to the organized market administrator for submission to Commission.

Question: In the electric industry, some utilities have identical rate schedules that are bilateral or multi-party agreements. Today, they make joint paper filings that include multiple copies of the same rate schedule, with different headers and footers but include all the (otherwise identical) rate schedules in one filing package. Can FERC develop a more efficient means for addressing such joint rate schedules than having each company have to submit the rate schedule in a separate Tariff Filing?

Response: FERC should address this issue.

The next question address two concerns and more clarity is needed. The key question is what needs to be treated as a Tariff Record and what as an attachment in the context of gas pipeline agreements. Plainly, under either Option the updated rate tariff sheet is a Tariff Record. Currently it appears a redlined and signed copy of the non-conforming agreement would be an attachment. The question is whether that agreement also is filed as a Tariff Record under Option 1; it appears it would be for under Option 2. Commission may want to consider eliminating the need for a signed copy as the clean copy for posting.

Question: Currently the Commission policy provides for two options for the filing of negotiated rate information for the gas pipeline industry:
Option 1: updated rate tariff sheet (which may be filed with the corresponding transportation service agreement) or
Option 2: the transportation agreement with a negotiated rate letter.
Will the negotiated rate agreements be contained in the Commission's eTariff database for either or both options? If so, how are the two types of filings to be submitted?

Response: Both options should be supported in the Commission's eTariff database.

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Question: Can tariff sheets be motioned in to effect without making a Tariff Filing?
Response: No, there is a Type of Filing for motion filings.

Prior to Tariff Submitters submitting a Tariff Filing with the Commission, the Commission needs to give guidance to Tariff submitters on their baseline Tariff Filings. The DRAFT Responses below are suggested answers to the questions based on the participant's understandings of past Commission action on these matters.

The Baseline Compliance Filings

Question: On the date of a baseline Tariff Filing, some text of a tariff, rate schedule, or service agreement that is being submitted in the baseline Tariff Filing may not have been acted upon by the Commission; should the Tariff Records reflect the revised text?
Response: No the text should not reflect the "pending" text, if the text is accepted, a compliance filing should be made.

Question: On the date of a Baseline Compliance Filing, some text of a tariff, rate schedule, or service agreement that is being submitted in the baseline Tariff Filing has been filed and accepted but set for hearing/settlement as possibly unjust and unreasonable; should my Tariff Records reflect the accepted text?
Response: Yes. If Commission ultimately rejects or accepts but alters the text, a compliance filing will be required.

Question: On the date of a baseline Tariff Filing some text of a tariff, rate schedule, or service agreement that is being submitted as a baseline Tariff Filing has been accepted by the Commission, but the Commission has ordered that some of the accepted text be modified; what language should the Tariff Records reflect?
Response: Commission should provide the Tariff Submitter the option of filing the old text and then later file compliance text, or making a baseline Tariff Filing that reflects its compliance obligation.

Question: On the date of a baseline Tariff Filing, some text of a tariff, rate schedule, or service agreement that is being baselined has been accepted but Tariff Submitter is proposing in a Settlement Agreement/Offer of Settlement (Settlement) that has yet to be approved by Commission to alter the text; what language should the Tariff Records reflect?
Response: The text should not reflect the settlement. Once the settlement is accepted, a compliance filing should be made.

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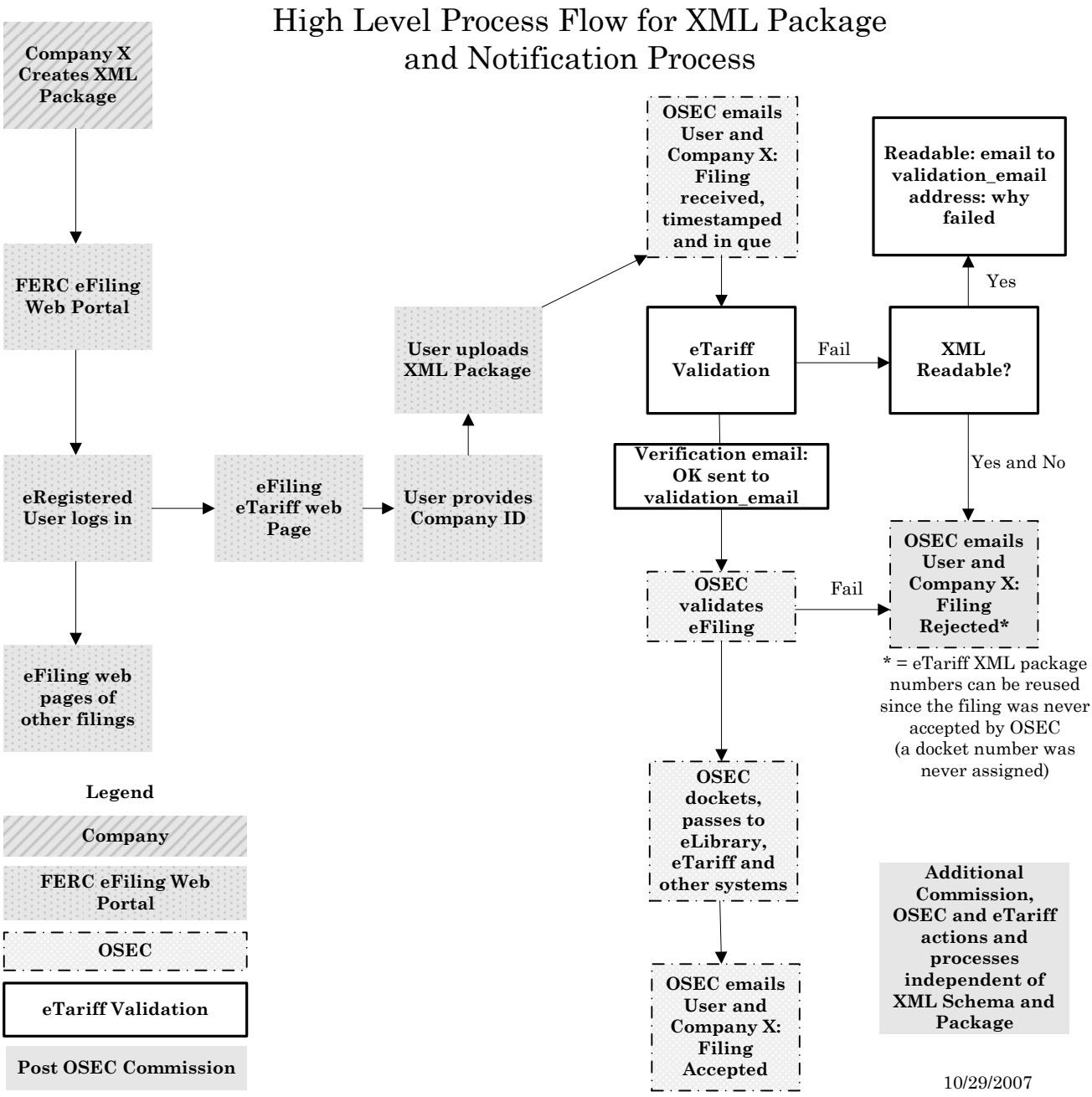
NAESB UPDATE: ETARIFF INFORMATION FLOW DIAGRAM
APRIL 15, 2008



NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

TAB 6

Retail Subcommittees Updates

- The materials for subcommittee activities are included. The materials are provided for discussion purposes and no action is required of the REQ and RGQ EC members. Other presentation materials will be made available after the meeting. Included are:
  - Triage Report
  - Summary of meetings held for BPS, IR, TEIS, Glossary
  - BPS Report on reclassification of definitions and minor corrections before publication of Version 1.1
- The materials in Tab 6 correspond to agenda items 6 and 8.

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March 19, 2008
Via email and posting

TO: **NAESB Executive Committee (EC) Members, EC Alternates**

Submitters: Dona Gussow, Dale Davis, Barbara Rehman

Subcommittee Chairs for Notification:
Paul Sorenson, Marcie Otondo, J.T. Wood, Ed Skiba, (WEQ ESS/ITS/BPS)
Valerie Crockett, Richard Smith, Kim Van Pelt, Dolores Chezar (WGQ BPS)
Dale Davis and Christopher Burden (WGQ IR)

FROM: NAESB Office

RE: NAESB Triage Actions Taken for R08008, R08009, R08010 and R08011

Dear Triage Committee and EC members,

The four requests – R08008, R08009, R08010, R08011 -- all provided below as hyperlinks, were sent out for consideration on March 5. There were no requests for conference calls for discussions, and no adverse comments received. A comment was noted that should an item have direct bearing on the FERC Order No. 890 deadlines, it should be given a high priority, which could be determined by the subcommittee chairs, (this comment was directed to request no. R08011). The requests were triaged as follows:

For R08008 – submitted by Dona Gussow on behalf of Florida Power and Light:

> This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to develop customer security administration standards, it should be assigned to the WGQ Business Practices Subcommittee (BPS). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.
>
> The request notes that standards are needed to assure Customer Security Administrators have basic tools on the pipeline website for requesting access for new users, exercising control in designating who gains access to the pipeline website, what functions and levels are to be authorized for the users, and to be able to quickly review/audit/verify the CSA information (and any requested changes) according to pipeline records. The standards should provide an auditable tool for pipeline customers to manage, control, and verify who has access to company proprietary information that may be contained on a pipeline (or gas storage service provider's) website.

For R08009 – submitted by Dale Davis on behalf of the Williams Gas Pipeline:

> This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to add one validation code value to NAESB WGQ Standard No. 1.4.2 - Nomination Quick Response and to add one code value to the Reduction Reason Code data element of the NAESB WGQ Standard No. 1.4.5 - Scheduled Quantity, it should be assigned to the WGQ Information Requirements Subcommittee (IR). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ IR.
>
> The request notes that the addition of one code value and one error code provides for more specific notifications within the nomination and scheduling processes, and the addition of these code values will more accurately reflect notifications in the nomination and scheduling process.

For R08010 – submitted by Dale Davis on behalf of the Williams Gas Pipeline:

> This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to add the data element "Cycle Indicator" in the transaction datasets for NAESB WGQ Standard No. 5.4.1, Offer Download (C), NAESB WGQ Standard No. 5.4.2, Bid Download (C), NAESB WGQ Standard No. 5.4.3, Award Download (C), and NAESB WGQ Standard No. 5.4.7, Offer Upload (BC) and add corresponding error/warning codes in the transaction dataset for NAESB WGQ Standard No. 5.4.8, Offer Upload Quick Response, it should be assigned to the WGQ Business Practices Subcommittee (BPS). As there was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

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The request notes that the addition of this data element provides the mechanism in which to specify a particular cycle within the capacity release process for both EBB and ANSI EDI X12, and will more accurately identify the cycle associated with the offer, bid and award.

For R08011 and Attachment – submitted by Barbara Rehman on behalf of Bonneville Power Administration:

This request is (1) found within scope; (2) to be assigned to the Wholesale Electric Quadrant (WEQ); and (3) because it is a request, consistent with ¶51 of FERC Order No. 890-A, to add AFC and TFC values to the "System_Attribute" data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries, it should be assigned to the WEQ Electronic Scheduling Subcommittee/Information Technology Subcommittee (ESS/ITS). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WEQ ESS/ITS.

The request notes that the addition of AFC and TFC to system data postings will reflect the desire of many transmission providers to provide their customers with both AFC and TFC queriable values, which is accomplished through the addition of AFC and TFC to the list of valid data element values for SYSTEM_ATTRIBUTE.

The noted dispositions for the requests and the requests themselves were forwarded to the Triage Subcommittee and the EC members on March 5. There were no dissenting comments received. As such, the requests are considered in scope and assigned to the indicated subcommittees for development. Please note that this communication serves as notice to the subcommittee chairs of the subcommittees to which the requests are assigned.

From: Love, Paul
Sent: Tuesday, March 25, 2008 9:00 AM
To: Rae Mcquade
Subject: Request R08008

Request R08008 which was recently triaged, found to be in scope and assigned to BPS causes concern for NGPL. Annually, our system security procedures are reviewed by our auditors as part of their Sarbanes Oxley (Sarbanes) review. Our auditors have very specific views on how data security access should be controlled to include who can update data and network security. The perplexing nature of Sarbanes controls reviews is that each auditing firm develops its own guidelines as to what is an acceptable/appropriate control. Thus, when addressing this request NAESB **must be extremely careful not** to develop any standards that require a specific technical/process solution since such specificity may not comply with particular Sarbanes guidelines.

Additionally, to the best of my knowledge security to web sites has not been standardized in any other industry. In other industries, guidelines have been established and then the mechanics of what and how security is implemented on each web site is left up to the individual web site owner (I know from personal experience that this is the case in the financial/banking industry). By having different security implementations, it becomes more difficult for individuals to gain industrywide unauthorized access to data or systems.

Based on these considerations, NGPL originally felt that this request was out of scope but is willing to proceed, with great caution, to consider it. It is NGPL's position that only guidelines as opposed to standards, can be developed and those guidelines need to broad enough to cover many varied implementations.

Document #08 – 8D

North American Energy Standards Board (NAESB) Retail Business Practices Subcommittee (BPS) Proposed Model Business Practices Maintenance Work Scope

The purpose of this effort is to prepare the existing Model Business Practices for publication. It is limited to two areas of activity as defined below. This effort will not include the development of new Model Business Practices or changing the content of the existing Model Business Practices. The two areas of effort are:

1. Review all existing Model Business Practices for consistency in language, definitions, and format. Examples:

    a. Book 2 – Market Participant Interactions uses a definition for "Switch Request". The term "Switch" was dropped during the development of Book 10 – Customer Enrollment, Drop and Account Information Change. The correct term is now "Enrollment Request".

    b. The phrase "via Uniform Electronic Transactions" should immediately follow the transaction to be sent via Uniform Electronic Transaction.

2. Reclassify and re-format Definitions in all Books, including Book 0, as either Business or Technical, and establish clearly identified separate sections in each Book.

    a. Business Definitions will be numbered as RXQ.0.2.xx, where xx is a sequential number. Definitions will be shown in alphabetical order, but as new Definitions are added, they will be identified as the next number in sequence.

    b. Technical Definitions will be numbered as RXQ.0.2t.xx, where xx is a sequential number. Definitions will be shown in alphabetical order, but as new Definitions are added, they will be identified as the next number in sequence.

The development of any new Model Business Practices, or the content modification of any existing Model Business Practices, unless an area of focus is identified in the Retail Annual Plan, will require the submission of a Request for Standards Development.

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NAESB EXECUTIVE COMMITTEE MEETING MATERIALS
RETAIL SUBCOMMITTEE SUMMARY AS OF MAY 1, 2008

RETAIL SUBCOMMITTEES AND TASK FORCES

Business Practices Subcommittee (BPS)

- **January 15-16, 2007**: The Retail BPS met in Houston to discuss registration agent enrollment model business practices for enrollments, drops, and account information change. The business practices to support customer enrollment using a registration agent were approved after the group made changes during the meeting. The group initiated its review of customer drop using a registration agent. It is expected that customer drops may be voted on at the February meeting.
- **February 27, 2008**: The Retail BPS met via conference call to discuss registration agent enrollment model business practices for drops and account information change. Regarding the minor correction for customer billing and payment notification via UET all supported the changes to support the cancel/rebill function. Regarding the customer drop using a registration agent, the group endorsed several business practices and to send the effort on to TEIS for technical mapping. The recommendation for customer enrollment, drop using a registration agent and account information should all be prepared prior to April 14.
- **March 25, 2008**: The Retail BPS met via conference call to discuss publication issues, to review existing model business practices to identify and then discuss those practices that may be applicable for the registration agent model. In review of the existing and possibly applicable business practices that may need modification to support a registration agent use, assignments were made – including master list of defined terms, market participation interactions, creditworthiness, distribution company-supplier disputes, contracts, and customer billings and payments. The reviews and modifications will be discussed at the May 12-13 meeting.

Information Requirements Subcommittee

- **January 8, 2008**: The Retail Information Requirements Subcommittee (IR) met jointly with the Technical Electronic Implementation Subcommittee via conference call to discuss open issues on customer billing and payment technical implementation, the billing and payment UET document, and the customer enrollment and customer drop documents. Decisions made during the meeting were to refrain from (a) requiring 12 months' usage history on UET invoices; (b) requiring electronic invoices to be identical to snail-mailed invoices, as there is no industry consensus on either requirement; (c) mandating different forms for UET invoices for residential as opposed to all other customers; and (d) using on UET invoices terminology regarding "Cancel" different from the Billing and Payment MBPs.

Contracts Subcommittee

- **2008:** As the Retail Contract has been adopted in 2006, no meetings of this group were scheduled for 2007 and none are expected in 2008. Should a request be submitted to amend the contract or to address other development that would be assigned to the Contracts Subcommittee, the group will be reconstituted.

Technical Electronic Implementation Subcommittee (TEIS)

- **January 8, 2008**: The Retail Information Requirements Subcommittee (IR) met jointly with the Technical Electronic Implementation Subcommittee via conference call. The summary of the meeting can be found under the IR Subcommittee listings.

Glossary Subcommittee

- **2008:** The Retail Glossary Subcommittee as needed to support the efforts of the other retail subcommittees in their drafting of the model business practices. To date, no meetings of the Glossary Subcommittee have been scheduled.

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

TAB 7

2008 Retail Annual Plan

- The 2008 plan as approved by the Board of Directors at its December 2007 meeting is included. Should the REQ and RGQ ECs determine that changes are to be made to the plan because of the subcommittee updates; a motion to approve the changes for forwarding to the Board for approval would be required. The motion would require a simple majority to pass.
- The materials in Tab 7 correspond to agenda item 7 for the REQ and RGQ EC agenda.

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NORTH AMERICAN ENERGY STANDARDS BOARD
2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS
Adopted by the NAESB Board of Directors on December 13, 2007

	Item Number & Description[1]	Completion[2]	Assignment[3]
1	Electronic Retail Billing.		
	Develop Technical Electronic Implementation Standards – Electronic Retail Billing	1st Q 2008	TEIS
	Status: Underway		
2	Customer Enrollment, Drop and Account Information Change		
	a. Develop information requirements for submitting and receiving, processing and fulfilling a customer's request to enroll with or leave a supplier (including suppliers dropping customers) and for maintaining current customer account information, and for notifying affected parties.	1st Q, 2008	IR
	Status: Underway		
	b. Develop Technical Electronic Implementation Standards – Customer Enrollment, Drop and Account Information Change,	2nd Q 2008	TEIS
	Status: Underway		
3	Customer Enrollment, Drop and Account Information Change Using a Registration Agent		
	Develop practices when using a Registration Agent for submitting and receiving, processing and fulfilling a Customer's request to enroll with or leave a Supplier (including Suppliers dropping Customers) and for maintaining current Customer account information, and for notifying affected parties.		
	i) Customer Enrollment	4th Q 2007[1]	Texas Task Force/ BPS
	Status: Projected to be completed 4th Q 2007		
	ii) Customer Drop	1st Q 2008	Texas Task Force/ BPS
	Status: Underway		
	iii) Account Information Change	2nd Q 2008	Texas Task Force/ BPS
	Status: Not Started		
4	Review and Discuss application of any other existing model business practices for the Registration Agent model	3rd Q 2008	BPS
5	Customer Inquiries		
	Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party.	4th Q 2008	BPS
	Status: Not Started. Delayed to 2008 for completion because the registration agent model is separate from customer enrollments.		
6	Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program.	2009	TEIS
	Status: Not Started. Dependent upon publication of Version 1.1 at a minimum, but more dependent upon completion of Customer Choice efforts.		

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	Item Number & Description[1]	Completion[2]	Assignment[3]
7	Address issues raised in the Department of Energy's Sandia National Laboratories on NAESB technical standards and respond to the surety assessment findings and recommendations. Status: Underway	1st Q 2008	TEIS
8	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	2008	Joint WEQ/Retail DSM Subcommittee
	a. Develop matrix and business practice standards for measurement and verification for demand response programs in ISO/RTO footprint areas. Status: Underway	3rd Q, 2008	Joint WEQ/Retail DSM Subcommittee
	b. Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway	3rd Q, 2008	Joint WEQ/Retail DSM Subcommittee
	c. Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway	4th Q, 2008	Joint WEQ/Retail DSM Subcommittee
	d. Develop glossary for business practice standards Status: Underway	4th Q, 2008	Joint WEQ/Retail DSM Subcommittee
	e. Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway	4th Q, 2008	Joint WEQ/Retail 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: Not Started	Phase 2	Joint WEQ/Retail 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: Not Started.	Phase 2	Joint WEQ/Retail DSM Subcommittee
	h. Develop business practice standards to support cap and trade programs for green house gas. Status: Not Started.	Phase 2	Joint WEQ/Retail DSM Subcommittee

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2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS
Adopted by the NAESB Board of Directors on December 13, 2007

Item Number & Description[1]	Completion[2]	Assignment[3]
Program of Standards Maintenance & Fully Staffed Standards Work[4]		
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.

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.

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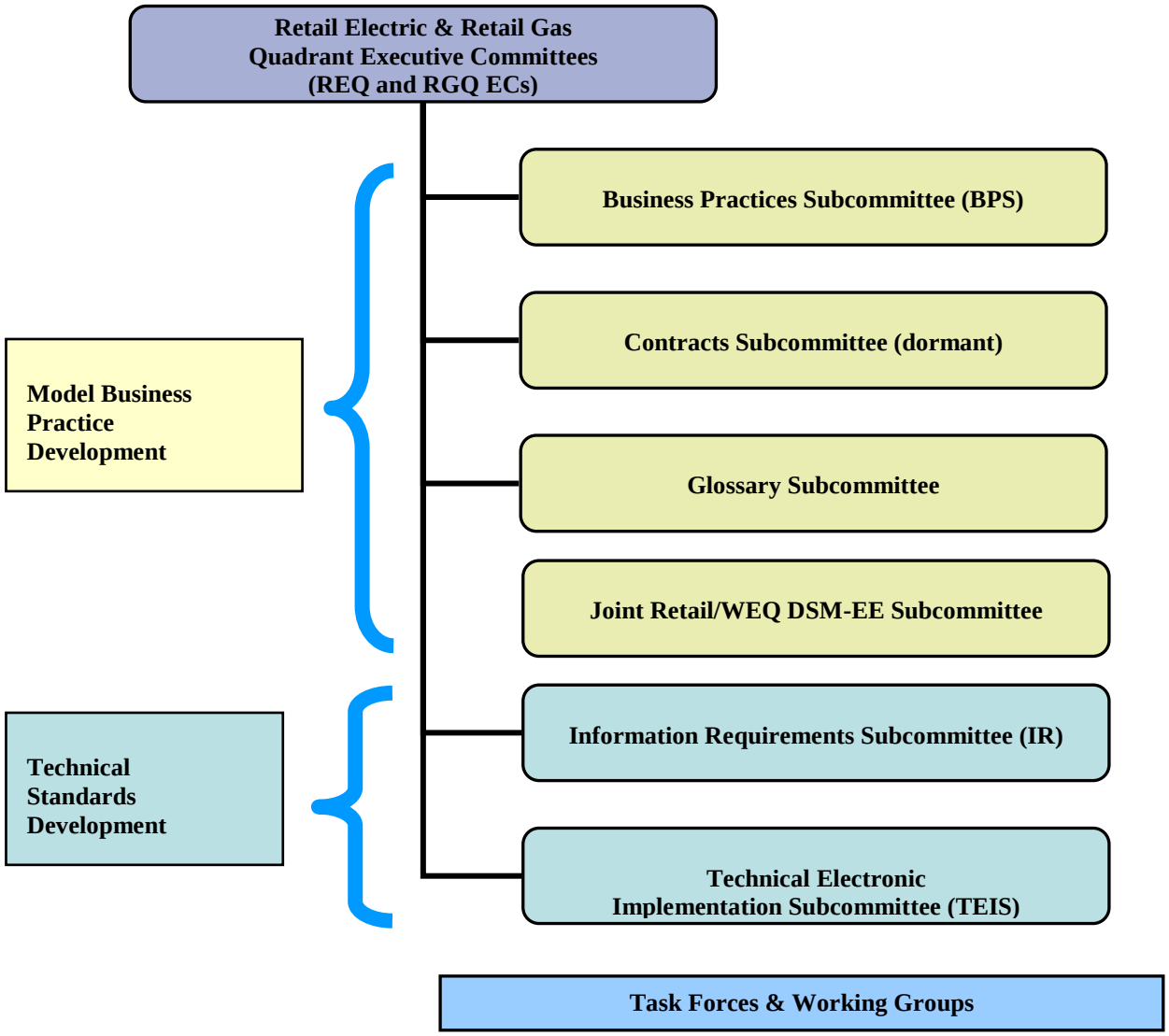

NAESB Retail Subcommittee Leadership: [5]

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: Dan Rothfuss (RGQ)
Glossary Subcommittee: Don Sytsma (RGQ), Mary Edwards and Patrick Eynon (REQ)
DSM-EE Subcommittee: Ruth Kiselewich, David Koogler (REQ), Roy True (WEQ), Paul Wattles (WEQ)

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End Notes Retail Plan:

[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] 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.

[5] 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.

NORTH AMERICAN ENERGY STANDARDS BOARD

Retail Gas and Electric Quadrants Executives Committees Meeting –Meeting Materials
May 14, 2008

TAB 8

Board Updates, Other Quadrant Efforts and Regulatory Updates

- Update materials are provided for:
  - Board of Directors – March 27, 2008 Draft Meeting Minutes with discussion on segments and blocks
  - Wholesale Gas and Retail key activities – WGQ Annual Plan, Retail Annual Plan, NAESB Bulletin
  - Regulatory Updates: summary report
- No action is expected of the REQ and RGQ ECs.
- The materials in Tab 8 correspond to agenda item 8.

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April 18, 2008

TO: NAESB Board Members, Posting for Interested Industry Participants

FROM: Cory Galik, Meeting Administration/Project Manager

RE: Draft Minutes from the NAESB Board of Directors Meeting – March 27, 2008

NORTH AMERICAN ENERGY STANDARDS BOARD
NAESB BOARD OF DIRECTORS MEETING
March 27, 2008 – Marriot Houston Intercontinental Hotel - Houston, TX
Draft Minutes

1. Administration and Welcome

Mr. Desselle welcomed the Board members and guests in the room and on the phone. Mr. Booe read the antitrust guidelines. Ms. McQuade read the roster of the Board members and quorum was established.

The Board members reviewed the draft agenda included on page 14 behind tab 2 of the Board book. Mr. Ellsworth added Advisory Council to the list of new business and moved, seconded by Mr. Minneman, to adopt the agenda as revised. The motion passed without objection. The Board members reviewed the minutes from the Board meeting on December 13, 2007 included on page 16 behind tab 3 of the Board book. Mr. Minneman moved, seconded by Mr. Kruse, to adopt the minutes as drafted. The motion passed without objection. The final minutes are posted on the NAESB Board page: http://www.naesb.org/pdf3/bd121307fm.doc.

2. Reports from Board Committees

Resources Committee: Next, Mr. Brown provided an update of the work of the Resources Committee. The report was included behind tab 4 of the Board book, beginning on page 25. Mr. Brown noted that the work of the Resources Committee helped gain a net 2 new members. Potential areas for new membership include Demand Response Providers and Wind Energy Providers. There are open board seats in the Retail Electric, Retail Gas and Wholesale Electric Quadrants. Individuals will be contacted by Resources Committee members to determine their interest level in the vacancies. Ms. McQuade and Mr. Boswell will work on a copyright reminder letter

Ad Hoc Committee on Segment Blocks: Mr. Desselle reviewed the meeting held a few weeks ago. The review was included on page 55 behind tab 4 of the Board book. The group proposes changes to the governance documents to preclude segment blocks in under-populated segments (at least 50% of the seats in a segment for either the Board or EC are vacant). Segment blocks are an appropriate tool for NAESB but should rarely be utilized and not part of a routine voting strategy. When a segment block is expected at the Executive Committee level, board members of that segment will be contacted to determine if steps can be taken that would prevent a single segment block. Facilitators, which may be provided by the FERC as they have done so in the past, may also be requested of the Managing Committee to prevent single segment blocks. FERC staff assistance may be requested if needed to overcome technical questions. The board may be asked to take action revising governance documents at the June board meeting that are reflective of the ad hoc group's decisions.

3. Updates on specific standards development efforts

Next, the Board reviewed the progress of several standards development efforts underway.

WEQ and WGQ: e-Tariff Progress: Mr. Sappenfield provided the update for the e-Tariff efforts. The e-Tariff report was included behind tab 5, beginning on page 61 of the Board book. At the February 29 EC meeting the e-Tariff standard was voted on and passed. There were sixteen meetings since February 2007 and over 300 people worked on the project. FERC staff was also actively involved. Mr. Sappenfield thanked all those that helped,

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especially Ms. Daly, Ms. Davis, Mr. Burden and Mr. Brooks. The ratification is now underway and should complete on April 4. The standards will be filed with the FERC after the ratification process completes.

WEQ: FERC Order No. 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress: Ms. York provided the update of the NAESB standards development on FERC Order No. 890. The FERC Order No. 890 information begins on page 79 of the Board book behind tab 5. Ms. York noted that the ESS/ITS and BPS have met 17 times in the first quarter of the year. She thanked Mr. Skiba, Mr. Wood, Mr. Sorenson and Ms. Otondo and the team that has been meeting to get the work done. The WEQ EC has taken several steps to provide support for the subcommittees in their efforts to meet the FERC deadline of August 7 for ATC related business practices. The steps include practices for running efficient meetings, addressing repetitive comments, addressing late participants to the process who would request that issues be revisited, management tools including conceptual agreements on issues, maintenance of lists of motions and parking lots for issues. Also to be implemented are single topic conference calls to address specific proposed standards, and conference calls prior to the EC meetings to brief EC members on the issues and better prepare them to vote. Since that time, four recommendations have been voted out of the subcommittee. Ms. York pointed out that on page 79 of the Board book behind tab 5 is a letter that the subcommittee is attaching to any standards that needs close coordination with NERC. The letter is included because there may be delay on NERC delivery of products that could impact the NAESB August deadline. With the approach taken, we would proceed on through ratification, but would not file work products until we have been able to vet them against the NERC complementary reliability standards to determine if there are any adjustments to be made. Mr. Skiba stated that in addition to FERC Order No. 890, FERC has issued FERC Order No. 890-A. There is a mid-July deadline on tagging conditional firm that ESS/ITS has as a high priority. The subcommittee is working on these development projects linked to the deadlines and has made much progress in the last few months based on the guidance received from the Executive Committee. While the program is aggressive, we expect to make the dates.

WGQ: FERC Order No. 698 approach, schedule and progress: Mr. Novak provided the update of the work of the WGQ Business Practices Subcommittee to address FERC Order No. 698. Of the three topics involved in this order, 7b (Alternate Receipt Points Upstream of or an Alternate Delivery Point Downstream of a Point of Constraint) and 7a (index-based capacity release) have been voted out of the subcommittee, is now in industry comment and will be taken up by the EC for vote in May. The last topic, 7c (intraday nomination timeline) has several proposals. Ms. Van Pelt stated that in the last subcommittee meeting a list of criteria was developed to use to compare against the various models. NAESB has also received several state commission letters of support for building additional flexibility into the intraday nomination timeline through the inclusion of more intraday periods. Several sets of meetings have been scheduled to further address the intraday nomination timeline effort.

WEQ and Retail: DSM/EE efforts: Next, Mr. Koogler provided an overview of the DSM/EE efforts. The materials were included behind tab 5, beginning on page 146 of the Board book. The subcommittee has focused on demand response programs and has deferred EE to a later phase. Four sub-teams have been created (Preamble, Glossary, Wholesale Matrix and Retail Matrix). The Retail Matrix group has developed a work plan and is providing data into a matrix that describes DR programs operational or planned for the retail market, with characteristics of the programs highlighted with measurement and verification specifications that may be suitable for standards development. The data for the matrix has been gathered through phone/web interviews. The effort will continue through the second quarter on further data collection in the matrix, after which analysis of the findings should provide a basis for the development of retail standards in the third and fourth quarters. On the wholesale matrix effort, the matrix development is proceeding on a faster path and indeed has provided a basis from which the retail effort has grown. To date, more than 40 programs have been described to the wholesale matrix in five major categories with multiple M&V characteristics for each. The matrix should be the mechanism from which the areas for standards development can be identified. It is expected that in the third quarter, the group will begin to review draft wholesale M&V standards for the DR programs in place and administered by ISOs/RTOs. The wholesale matrix group is leading the retail group by at least one quarter. The ISO-RTO Council is planning a technical session in DC on April 21, during which much of the work on the wholesale side will be unveiled and discussed. Commissioner Wellinghoff is opening the session. Several meeting dates have been arranged to continue the

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standards development work, and the preamble and glossary efforts will be considered when the standards development for the two matrices is further along. To summarize the importance of this work on both the wholesale and retail fronts, Mr. Koogler noted that the North Carolina has taken regulatory action to support the NAESB DSM-EE standards, which can be found in NCUC Rulemaking Order, Docket No. E-100, Sub 113.

WGQ Gas Quality: Mr. Buccigross reviewed Gas Quality standards efforts found on page 166 behind tab 5 of the Board book. Request R06008 asked for modification of two NAESB standards, WGQ Standard No. 4.3.90 and WGQ Standard 4.3.92. Both changes were made and passed by the Executive Committee. Two new proposed standards, WGQ Standard 4.3.x1 and WGQ Standard 4.3.x3 failed to pass the Executive Committee due to a segment block. The recommendation, along with the modified standards, will be provided to the FERC. The FERC issued an order establishing a hearing in Docket no. RP07-504-000 regarding gas quality and tariff filings. A copy of the order can be found on page 171 behind tab 5 of the Board book. The order asked NAESB to develop additional gas quality standards. From the order, language was extracted to be added to the WGQ Annual Plan -- "develop a uniform set of standards regarding the posting of rapidly changing gas information applicable to those pipelines which are required under their tariffs to do so." The motion to amend the 2008 WGQ Annual Plan passed unanimously. This item was assigned to the WGQ Business Practice Subcommittee.

4. Executive Committee Reports

Ms. York provided the review of the Wholesale Electric Quadrant and reviewed the proposed changes to the WEQ 2008 Annual Plan. Ms. Burnett moved, seconded by Ms. Crockett, to adopt the revisions to the plan as highlighted by Ms. York. The motion passed without objection. Mr. Sappenfield reviewed the eTariff item that has been completed in the Wholesale Gas Quadrant. Mr. Sappenfield moved, seconded by Ms. Burnett, to adopt the revisions to the plan. The motion passed unanimously. Mr. Novak provided the review of the work of the Retail Quadrants. No changes were made to the retail plan at this time. There was a request that companies provide technical participation so the retail effort can proceed as planned to publish version 1.1 including the Texas Registration Model.

5. Membership and Financial Reports

Ms. McQuade reviewed the membership report included on page 222 of the Board book, behind tab 7. The membership profile notes a net increase of 2 members to date in 2008. On page 224 a list of the companies that have joined and those that have elected to resign their memberships was included. There were no questions regarding the membership report. It was noted that we will probably see some membership decline in the next few months as is typical but should make it up later in the year. The 2007 budget and financials for year-end were reviewed. The organization had a net profit for 2007 of $20,644.85, which was applied to the negative retained earnings that had accumulated when GISB transitioned to NAESB. Each year we buy down the negative retained earnings. For 2007 to 2008, the retained earnings moved from ($276,538.11) to ($255,893.26). The 2008 Financial Report and budget accrued as of January 31, 2008 are included in the Board book, beginning on page 234 behind tab 7. Ms. McQuade noted that the budget increased this year based on the expectation that there will be an increase in membership. Expenses are increasing as the number of meetings increases. Nonetheless, with only one month of data at hand and no major unanticipated changes, the estimated expenses and income do not reflect any items that were not already included in the budget.

6. Plan for March 2008 Board Meeting

Ms. McQuade stated that the June 2008 Board meeting is scheduled for June 26 at the Wyndam Greenspoint in Houston. The Board members were asked to contact her if they had any agenda items that should be addressed. The June Board meeting will be the meeting of the members as well.

7. Old and New Business

Mr. Ellsworth provided a review of the NAESB Advisory Council meeting held in Washington, DC during the NARUC winter meetings in February 2008. There were 32 members present. It was a good opportunity to update

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state commissioners and other government staff on NAESB activities as well as encourage commissions to join and become active in NAESB. The details were provided on page 239, behind tab 8 of the Bard book. Three meetings were noted by Ms. McQuade. She met with NARUC staff to urge their participation in standards development areas of interest to their constituency, which includes FERC Order No. 698, gas quality and DSM-EE. On March 27 and 28, Ms. McQuade and Mr. Desselle met with the FERC commissioners to discuss annual plans and progress made on key development efforts: FERC Order No. 890, FERC Order No. 698, eTariff, gas quality and DSM-EE. On March 20, Ms. McQuade and NERC staff met to continue an emphasis on coordination – specifically for Order no. 890, but also for other areas. Ms. McQuade also reminded everyone of the monthly update calls. It is an easy way to stay up to date with what NAESB is working on.

8. Adjourn

Mr. Templeton moved to adjourn. The meeting adjourned at 11:52 AM Central.

9. Board Attendance (Vacancies Omitted)

Wholesale Gas Quadrant

PRODUCERS SEGMENT		**ATTENDANCE:**
Jay Ellzey	Vice President Commercial Operations, Chevron Natural Gas	
William T. Benham	Vice President – Regulatory Affairs, BP Energy Company	
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	In Person
Marty Patterson	Vice President – Commercial Operations, Foothills Energy Ventures LLC	In Person
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	In Person
PIPELINE SEGMENT		
Jim Goldmann	Vice President - Transportation Services and Development, Alliance Pipeline LP	Phone
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	In Person
Anne Bomar	Vice President, Dominion	
Richard Kruse	Senior Vice President, Spectra Energy Transmission	In Person
LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		
Clifton Olson	Vice President of Supply and Transmission, Energy East Corporation	Phone
Adrian Chapman	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	In Person
Amy Hamilton	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	In Person
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	Phone
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	In Person
END USERS SEGMENT		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	In Person
Timothy W. Gerrish	Director of Origination-Energy Marketing and Trading, Florida Power & Light	In Person
Tina Burnett	Natural Gas Resources Administrator, The Boeing Co.	In Person
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	In Person
Jim Templeton	Principal, Comprehensive Energy Services	In Person

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SERVICES SEGMENT		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	
Jim Buccigross	Vice President Energy Industry Practice, Group 8760 LLC	Phone
Bill Hebenstreit	Manager – Contract Administration, Cheniere Marketing, Inc.	In Person
Rusty Braziel	Managing Director, Bentek Energy, LLC	
Suzanne Calcagno	Director, Regulatory Compliance, UBS Energy, LLC	

Retail Electric Quadrant

DISTRIBUTORS SEGMENT		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	In Person
Dennis Derricks	Director Regulatory Policy and Analysis, Integrys Energy Services, Inc.	Phone
Ruth Kiselewich	Director Special Projects and Supplier Services, Baltimore Gas & Electric Company (MAAC NERC Region)	Phone
Debbie McKeever	Market Advocate, Oncor	In Person
END USERS SEGMENT		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Director of Business Services, PPL Solutions LLC	In Person
J Cade Burks	President, EC Power	In Person

Wholesale Electric Quadrant

TRANSMISSION SEGMENT		**SUBSEGMENT:**	**ATTENDANCE**
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	Muni/Coop	
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	IOU	Phone
Jerry Smith	Alliance/Partnership Manager, Arizona Public Service Co.	IOU	In Person
Jill Horswell	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc	at large	In Person
Terri Grabiak	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc.	at large	Phone
Michael Wells	Director – Market-Operations Interface, WECC	at large	
GENERATION SEGMENT			
Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	Muni/Coop	
Belinda Thornton	Senior Manager – Real Time Trading, Tennessee Valley Authority	Fed/State/Prov.	
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc.	IOU	
Charles W. Severance	Manager – Supply & Wholesale Services, Integrys Energy Services, Inc.	IOU	In Person
Gloria Ogenyi	Vice President Energy Policy, Conectiv Energy Supply, Inc.	Merchant	
Ron Mucci	Manager – Regulatory Affairs, Williams Power Company	At-Large	
MARKETERS/BROKERS SEGMENT			
Roy True	Manager of RTO Market Development, ACES Power	Muni/Coop	In Person

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	Marketing		
Jeff Ackerman	Manager, Colorado River Storage Project Energy Management and Marketing Office, Western Area Power Administration	Fed/State/Prov.	In Person
Michael Grim	Director of Markets and Regulation, Luminant	Not IOU Affiliated	
Jim Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	at large	
Sam Forrest	Vice President, Energy Marketing and Trading, Florida Power & Light	IOU	In Person
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	IOU	Phone
Rick Smead	Director, Navigant Consulting, Inc.	At-Large	
DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT		**SUBSEGMENT:**	
Arthur G. Fusco	Vice President and General Counsel, Central Electric Power Cooperative Inc.	Muni/Coop	Phone
Barry R. Lawson	Manager-Power Delivery, National Rural Electric Cooperative Association	Muni/Coop	Phone
Leonard Haynes	Executive Vice President – Supply Technologies, Renewables and Demand Side Planning, Southern Company Generation	IOU	Phone
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	IOU	
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	at large	In Person
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	at large	Phone
Bruce Ellsworth	New York State Reliability Council	At-Large	In Person
END USERS SEGMENT			
Thomas G. Dvorsky	Director of the Office of Electricity, Gas and Water at the New York State Department of Public Service	Regulator	
Michehl Gent	Open Access Technology International, Inc.	At-Large	
INDEPENDENT GRID OPERATORS/PLANNERS			
Michael Desselle	Vice President Process Integrity, Southwest Power Pool		In Person
Ray Giuliani	Vice President Market Operations, Electric Reliability Council of Texas (ERCOT)		In Person
Kevin Kirby	Vice President Market Operations, ISO New England, Inc.		In Person
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)		Phone
Andy Ott	Vice President Markets, PJM Interconnection		Phone
William Phillips	Vice President Interregional Coordination & Policy, Midwest ISO (MISO)		
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)		In Person

Retail Gas Quadrant

DISTRIBUTORS SEGMENT	
Alonzo Weaver	Vice President of Engineering and Operations, Memphis Light, Gas & Water Division
William Bourbonnais	Vice President – Transmission, Wisconsin Public Service

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Ralph Cleveland	Corporation Senior Vice President – Engineering and Operations, AGL Resources, Inc.	
SERVICE PROVIDERS SEGMENT		
Leigh Spangler	President, Latitude Technologies Inc.	
Dave Darnell	President & CEO, Systrends USA	Phone
Greg Lander	Principal, Commerce Energy Group	

11. Other Attendance

Name	Organization	Attendance
Jonathan Booe	NAESB	In Person
Kathryn Burch	Spectra Energy Transmission	In Person
Christopher Burden	Williams Gas Pipeline	In Person
Deonne Cunningham	NAESB	In Person
Ed Davis	Entergy	In Person
Brenda Foster	Preferred Legal	In Person
Cory Galik	NAESB	In Person
Angela Gonzales	NAESB	In Person
Mark Gracey	Tennessee Gas Pipeline	In Person
Dona Gussow	FPL	Phone
Bill Lohrman	FERC	Phone
Rae McQuade	NAESB	In Person
Susan Munson	ERCOT	In Person
Marty Patterson	Foothills Energy Ventures	In Person
Marjorie Perlman	Energy East	Phone
Denise Rager	NAESB	In Person
Lisa Simpkins	Constellation Energy	In Person
Ed Skiba	Midwest ISO	In Person
Richard Smith	ExxonMobil	In Person
Veronica Thomason	NAESB	In Person
Larry Williford	OnCor	In Person
Eric Winkler	ISO New England	In Person
JT Wood	Southern Company	Phone
Charles Yeung	SPP	In Person
Kathy York	Tennessee Valley Authority	In Person

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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)	Make version 2 changes to business practices as requested.		
i)	Make changes to business practices as related to inclusion of the NERC Reliability Functional Model functional model entities as NERC undertakes the same efforts. Status: No requests.	As requested	BPS
ii)	Continuous support of TLR Procedure in alignment with NERC efforts on TLR Phase II and Phase III which would be included in version 2 development.[3] Status: Ongoing as NERC makes changes.	Ongoing	BPS[4]
b)	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" Status: Underway.	2008	BPS, JISWG
c)	Operate Within Limits (R03017) as coordinated with the NERC schedule on the same development for reliability standards		
i)	Review the need to develop business practice standards to support Operate Within Limits (R03017) Status: Completed.	1st Q, 2008	SRS
ii)	Develop business practice standards to support Operate Within Limits (R03017) Status: Not Started. Depending on the WEQ EC decision on 1c(i), this item will be considered complete	4th Q, 2008	BPS
d)	Prepare recommendations for future path for TLR in concert with NERC, which may include alternative congestion management procedures[5] Status: Not Started.	4th Q, 2008	BPS[6]
e)	Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards. Status: Not Started.	4th Q, 2008	BPS

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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 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 1: Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority		
1.	Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority S&CP Requirements	4th Q, 2007	ESS/ITS
	Status: Completed		
2.	Conditional Firm Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	3rd Q, 2008	ESS/ITS
	Status: Not Started		
3.	Annotations For ATC Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	1st Q, 2008	BPS, ESS/ITS
	Status: Completed		
4.	Load Forecast And Actual Load Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	1st Q, 2008	BPS, ESS/ITS
	Status: Complete		
5.	Re-Bid Of Partial Service Business Practice Standards on a Single Transmission Provider's System associated with S&CP Requirements completed in 2(a)(i)(1)	1st Q, 2008	ESS/ITS
	Status: Completed		
6.	Preconfirmation Priority Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	1st Q, 2008	ESS/ITS
	Status: Completed		
7.	OASIS Exemptions Appendix	4th Q, 2007	ESS/ITS
	Status: Completed		

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ii)	Group 2: Metrics; Redispatch Cost Posting		
1.	Metrics Related to Provision of Transmission Service (Paragraph 413 of Order 890) Status: Completed	1st Q, 2008	ESS/ITS
2.	Metrics Related to Performance of Transmission Studies (Paragraphs 1308 through 1317 of Order 890 Status: Completed	1st Q, 2008	ESS/ITS
3.	Redispatch Cost Posting • Monthly average cost of redispatch • A high and low redispatch for the month Status: Completed	1st Q, 2008	ESS/ITS
iii)	Group 3: Network Service On OASIS		
1.	Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource Status: Underway	3rd Q, 2008	ESS/ITS
2.	Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests Status: Underway	3rd Q, 2008	ESS/ITS
3.	Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	3rd Q, 2008	ESS/ITS
4.	Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	3rd Q, 2008	ESS/ITS
5.	Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	3rd Q, 2008	ESS/ITS
6.	Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	3rd Q, 2008	ESS/ITS

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	Item Description	Completion[1]	Assignment[2]
	7. Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources	3rd Q, 2008	ESS/ITS
	Status: Underway		
	8. Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations	3rd Q, 2008	ESS/ITS
	Status: Underway		
iv)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
	1. Pre-Emption	3rd Q, 2008	ESS/ITS
	Status: Not Started		
	2. Request No. R05019	3rd Q, 2008	ESS/ITS
	Status: Not Started		
	3. Revisions to Standard 9.7	2nd Q, 2008	ESS/ITS
	Status: Not Started		
v)	Group 5: Paragraph 1377		
	1. Paragraph 1377	4th Q, 2008	ESS/ITS
	Status: Not Started		
	2. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems	4th Q, 2008	ESS/ITS
	Status: Not Started		
vi)	Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
	1. Paragraph 1390 of Order 890	3rd Q, 2008	ESS/ITS
	Status: Not Started		
	2. Paragraphs 1627 of Order 890	3rd Q, 2008	ESS/ITS
	Status: Not Started		
	3. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.	3rd Q, 2008	ESS/ITS
	Status: Not Started		

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Item Description	Completion[1]	Assignment[2]
4. Posting of **Existing Transmission Commitments (ETC)** (moved from Group 1) Status: Not Started	2nd Q, 2008	ESS/ITS
vii) Group 7: Tagging for Conditional Firm Service		
1. Tagging for Conditional Firm Service Status: Underway	2nd Q, 2008	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts.[7]		
i) Develop standards to support existing Request No. R05004. Status: Underway	4th Q, 2008	BPS, ESS/ITS
ii) Develop Business Practice Standards for **Existing Transmission Commitments (ETC)**		
1. Develop the Business Practice Standards complementary to NERC Reliability Standards for **Existing Transmission Commitments (ETC)** to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses", including the elements of ETC for full implementation of the NERC MOD-001 reliability standard. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Not Started.	June 1, 2008	BPS, ESS/ITS
2. Business practice standards for accounting for counterflows. These standards will be included in the ATC business practice standards. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway	June 1, 2008	BPS, ESS/ITS

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iii)	**Capacity Benefit Margin (CBM) Business Practices**		
	1. Determine if business practice standards are needed, and if so, develop them to set forth "how the CBM value shall be determined, allocated across transmission paths, and used" and how transmission providers will "reflect the set-aside of transfer capability as CBM in the development of the rate for point-to-point transmission service." The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway.	June 1, 2008	BPS, ESS/ITS
	2. Business practice standards that include an OASIS mechanism to "allow for auditing of CBM usage." The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway.	June 1, 2008	BPS, ESS/ITS
	3. Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway	June 1, 2008	BPS, ESS/ITS
iv)	**Transmission Reliability Margin Business Practices:**		
	1. Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway	June 1, 2008	BPS, ESS/ITS
	2. The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development Status: Underway	June 1, 2008	BPS, ESS/ITS

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	3. Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway	June 1, 2008	BPS, ESS/ITS
v)	Business Practice Standards for ATC and AFC Calculation Methodologies to complement the NERC reliability standards created for ATC and AFC Methodologies (NERC MOD001 (Available Transfer Capability); NERC MOD028 (Network Response Available Transfer Capability); NERC MOD029 (Rated System Path Available Transfer Capability); and NERC MOD030 (Flowgate Network Response Available Transfer Capability)):		
	1. Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway.	June 1, 2008	BPS/ESS/ITS
	2. Business practice standards for data exchange for ATC modeling complementary to the related NERC reliability standards including any OASIS posting requirements to achieve the data exchange. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed. (The NAESB subcommittees have determined the data exchange requirements have already been documented in the NERC standards, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	1st Q, 2008	BPS/ESS/ITS
	3. Business practice standards that will set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC values on a constrained path." The standards will include a requirement that that the transmission provider posts the reason for the change in a narrative form. The posted information will include "the (1) specific events which gave rise to the change and (2) new values for ATC on that path (as opposed to all points on the network)." The business practices developed to address this item will not require to coordination with the NERC Order 890 reliability standards development. Status: Completed	1 Q, 2008	BPS/ESS/ITS

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	4. Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations". The business practices developed to address this item will not require to coordination with the NERC Order 890 reliability standards development Status: Complete	1st Q, 2008	BPS/ESS/ITS
	5. Business practice standards for posting on OASIS of the "actual daily peak load for the prior day." The business practices developed to address this item will not require to coordination with the NERC Order 890 reliability standards development Status: Complete	1st Q, 2008	BPS/ESS/ITS
vi)	Business practice standards to complement NERC reliability standards for Transfer Capability in response to new NERC Supplemental SAR: Revisions to Existing Standards MOD001-MOD009, FAC12-13 This item was added as a result of the Supplemental SAR NERC created in case additional business practices are needed as a result of the work on this SAR by NERC. It does not have a cite in Order 890. This item will require coordination with the NERC Order 890 reliability standards development. Status: Underway	June 1, 2008	BPS, ESS/ITS
vii)	Business practice standards to set forth the procedure for input on TTC and ATC methodologies and values. (During the Order 890 NERC and NAESB joint standards development effort, it was determined that the standards contained in MOD003 should be business practice standards instead of reliability standards. NERC has requested that NAESB adopt the standards as business practices via correspondence to Ms. McQuade, NAESB President.) This item will require coordination with the NERC Order 890 reliability standards development because the language to address this item is contained within a draft standards that addresses items that are dependent on NERC deliverables, i.e., the requirements to create an "ATC Information Link" on OASIS. There is no Order 890 cite for this item. Status: Completed. (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if modifications to these standards are needed.)	1st Q, 2008	BPS, ESS/ITS
c)	Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order. Status: Not Started.	June 1, 2008	BPS, ESS/ITS

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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)	Develop OASIS S&CP changes to support OASIS business practices. Status: Dependent on development of OASIS business practices.	Ongoing	ESS/ITS
ii)	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.	2nd Q, 2008	ESS/ITS
iii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037). Status: Underway.		
	1) Work with the NAESB counsel to develop a confidentiality agreement	4th Q 2008	JISWG
	2) Transition the TSIN Registry from NERC to NAESB.	4th Q 2008	JISWG
	3) Review and correct the Coordinate interchange Business Practice Standard as noted during the development of the e-Tag 1.8 development process.	4th Q 2008	JISWG
v)	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019). Status: Not Started.(Related to request R05004)	4th Q, 2008	ESS/ITS
vi)	Make incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Status: Underway. Scoping statement completed by SRS and assignments made to BPS and ESS/ITS.	2008 as determined	BPS, ESS/ITS
vii)	Respond to issues in FERC Order No. 676 (Docket No. RM05-5-000) – NAESB WEQ Standards 001 9.7, (paragraph 51 of the order). Status: Underway. Assigned to group 4, reference 2007 WEQ AP item 2(a)(iv)(3)	2nd Q, 2008	ESS/ITS

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b)		Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
	i)	Address the surety assessment findings on NAESB PKI standards. Status: Complete, will be provided as a response to the U.S. DoE upon completion by the WGQ for their response to the findings.	1st Q, 2008	JISWG
	ii)	Develop PKI standards for OASIS. Status: Not Started.	3rd Q, 2008	ESS/ITS
	iii)	Develop PKI Standards for e-tagging. Status: Underway. eTagging items are linked to the transition of the Registry from NERC to NAESB.	2008	JISWG
	iv)	Develop enhanced Electric Industry Registry (EIR), (R06027) Status: Underway. . The transition of the Registry from NERC to NAESB as part of this request should take place by yearend 2008.	2008	JISWG
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. Common code usage is linked to the transition of the Registry from NERC to NAESB.	2008	NAESB Staff with WEQ support
4		**Review and develop business practices standards to support e-Tariff program**		
		Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Underway. Completed	1st Q 2008	Joint WEQ/WGQ e-Tariff Subcommittee
5		**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 programs in ISO/RTO footprint areas. Status: Underway	3rd Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee

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b)	Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway.	3rd Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
c)	Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway	4th Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
d)	Develop glossary for business practice standards Status: Underway	4th Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
e)	Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway	4th Q, 2008	Joint WEQ/Retail 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: Not Started	Phase 2	Joint WEQ/Retail DSM-EE 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: Not Started.	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
h)	Develop business practice standards for cap and trade programs for green house gas Status: Not Started.	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
6	**Maintain existing body of Version 1 standards**		
a)	Review/revise WEQ 006 to remove/revise mandatory requirements for Interconnection Time Monitor (R07019) Status: Not Started.	TBD	BPS
b)	Develop a NAESB time and inadvertent management business practice that provides additional inadvertent payback options and improved time control (R07020) Status: Not Started.	TBD	BPS

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c)	Make consistency changes to Version 1.0 standards as directed by the WEQ Leadership Committee on December 12, 2007 (R08001 – BPS, ESS/ITS, R08002 - ESS/ITS, R08003 - ESS/ITS - BPS, R08004, R08005 - ESS/ITS) Status: Not Started.	TBD	BPS, ESS/ITS

PROVISIONAL ITEMS

1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy and Inadvertent Interchange Data Standards BAL-006 revisions.

Status: In review of the NERC development effort, Balancing Authority Controls (Project 2007-05), with Mr. Akens (TVA, NERC Drafting Team Leader) and Mr. Rodriquez (NERC Manager, Business Practice Coordination), it was determined that no changes would be required to NAESB standards. As such, NAESB leadership is not at this time determining if any development would be undertaken, which would then initiate a joint development effort. A letter to this effect was sent to NERC management. This assessment may however change as the NERC drafting team proceeds further in its development, so the provisional item remains on the 2008 WEQ Annual Plan.

2 Develop business practice standards as requested by the regional and state advisory groups.

3 Develop business practice standards as related to the Effectiveness Study of Competitive Wholesale Markets (Congressional Mandate), Electric Energy Market Competition Task Force, Docket No. AD05-17-000, issued by the FERC on October 13, 2005.

4 Develop and/or maintain business practice standards to support gas-electric interdependencies

- Respond to requests as received that are related to Docket No. RM05-28-000.
- Respond directives related to the conclusions of the NAESB reports submitted in FERC Order No. 698, Docket Nos. RM05-5-001 and RM96-1-027.

5 Review Market System Back-Up existing language and review of existing back-up language

6 Review and Evaluation of whether to cutoff or put a size limit on the entities for which the standards apply

7 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).

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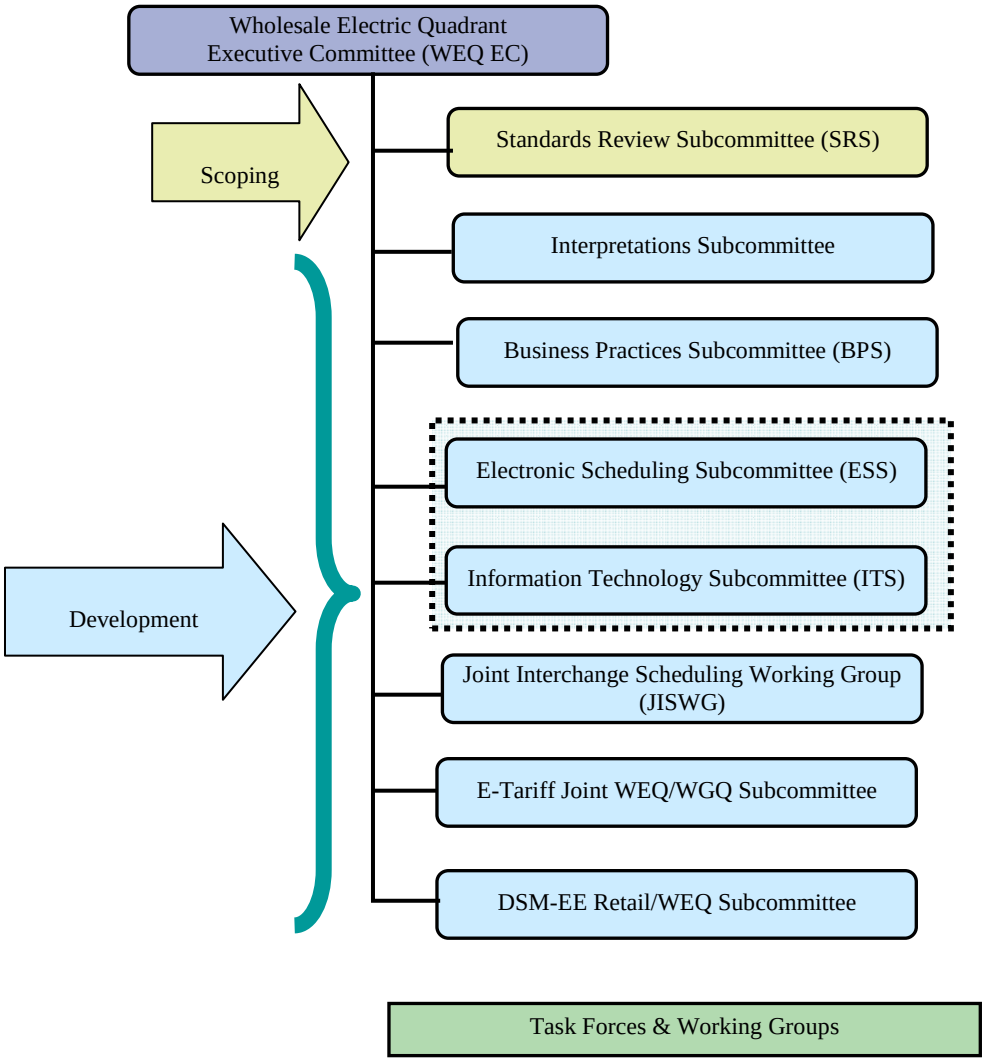

NAESB WEQ EC and Subcommittee Leadership:
Executive Committee: Kathy York (WEQ EC Chair) and Clay Norris (WEQ EC Vice Chair)
Standards Review Subcommittee: Narinder Saini, Ed Skiba
Interpretations Subcommittee: Robert Schwermann
Business Practices Subcommittee & Task Forces: Jim Busbin (TLR), Ed Skiba, , J.T. Wood
Electronic Scheduling Subcommittee/Information Technology Subcommittee & Task Forces: Paul Sorenson, J.T. Wood, Marcie Otondo
Joint Interchange Scheduling Working Group (JISWG): 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)

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End Notes WEQ 2008 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] For additional information, please see: http://www.naesb.org/pdf3/weq_bps100407w4.ppt for Phase II changes and http://www.naesb.org/pdf2/weq_bps070907w4.doc for Phase III changes.

[4] Joint Development Procedure is to be used by the NERC TLR Drafting Team and NAESB BPS.

[5] [5] For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item: http://www.naesb.org/pdf3/weq_aplan102907w1.pdf.

[6] Joint Development Procedure is to be used by the NERC TLR Drafting Team and NAESB BPS.

[7] The June 1, 2008 dates included in this Annual Plan Item are assigned as a result of FERC extending deadlines to both NERC and NAESB on ATC related Order No. 890 items.

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NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WGQ Annual Plan Adopted by the NAESB Board of Directors on March 27, 2008

	Item Description	Completion[1]	Assignment[2]
Damage Reporting for Natural Gas Pipeline Facilities			
1	Review and develop standards as appropriate to support posting of information as noted in Docket No. RM06-18-000, Order No. 682 and Docket No. RM06-18-001, Order No. 682-A. Review transmission line damage reporting to identify commonality and apply as appropriate. Status: Not Started.	4th Q 2008	BPS
Electronic Delivery Mechanisms and Related Activities			
2	Develop or amend WGQ technical standards, as appropriate, to address to the DoE Sandia National Laboratories 2006 surety assessment findings and recommendations. Status: Underway.	1st Q, 2008	BPS/EDM
Contracts Activities			
3	Update ISDA Gas Annex to correspond to the updated NAESB Base Contract for Sale and Purchase of Sale of Natural Gas, dated September 5, 2006. Status: Underway.	1st Q, 2008	Contracts
Gas-Electric Interdependency			
4	Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:		
	a. ¶ 56 of Order No. 698: "… Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release and that would include the means for implementing the formula rate. This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently." (emphasis added)		
	i.) Develop business practice standards to address the threshold questions of ¶ 56 of Order No. 698: Status: Underway.	2nd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Not started, dependent upon conclusion of Item 5(a)(i) and review and consideration of item 5(a)(i) by the WGQ EC.	TBD	BPS
	b. ¶ 63 of Order No. 698: "The Commission is not modifying its requirement for within-the-path scheduling as adopted in Order No. 637. The example posited by NAESB appears consistent with the within-the-path scheduling concept and with pipeline proposals that have been accepted. It would not be appropriate for the Commission here to try to provide generic clarification to cover all possible proposals by pipelines for according flexibility to shippers. These proposals will have to be judged on an individual basis. In addition, NAESB can consider through its consensus process possible standards for according increased receipt and delivery point flexibility."(emphasis added)		

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NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WGQ Annual Plan Adopted by the NAESB Board of Directors on March 27, 2008

	Item Description	Completion[1]	Assignment[2]
	i.) Develop business practice standards to address the threshold questions of ¶ 63 of Order No. 698: Status: Underway.	2nd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Not started, dependent upon conclusion of Item 5(b)(i) and review and consideration of item 5(b)(i) by the WGQ EC.	TBD	BPS
	c. ¶ 69 of Order No. 698: "As we stated in the NOPR, the Commission has recognized the interest of interruptible shippers in achieving business certainty by making the last intra-day nomination opportunity one in which firm nominations do not bump interruptible nominations. However, within the confines of current Commission policy, NAESB should actively consider whether changes to existing intra-day schedules would benefit all shippers, and provide better provide for coordination between gas and electric scheduling. In addition, the NAESB nomination timeline establishes only the minimum requirement to which pipelines must adhere..."(emphasis added)		
	i.) Develop business practice standards to address the threshold questions of ¶ 69 of Order No. 698: Status: Underway.	3rd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Not started, dependent upon conclusion of Item 5(c)(i) and review and consideration of item 5(c)(i) by the WGQ EC.	TBD	BPS
Capacity Release			
5	Review capacity release transactions upload and related responses to determine suitability for EDI. Status: Not started, action pending submittal of request and process for request assignment.	3rd Q, 2008	BPS
Review and develop business practices standards to support e-Tariff program			
6	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Complete.	1st Q, 2008	Joint WEQ/WGQ e-Tariff
Customer Security Administration			
7	Review and develop standards as appropriate to support Customer Security Administration Standards (Comment Submittal, 10-29-07) Status: Not started, action pending submittal of request and process for request assignment.	TBD	TBD
Gas Quality Reporting			
8	Respond to directives of FERC Docket No. RP07-504-000: ¶ 10 "… develop a uniform set of standards regarding the posting of rapidly changing gas quality information applicable to those pipelines which are required by their tariffs to do so." (Docket No. RP07-504-000) Status: Not started	4th Q, 2008	BPS

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NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WGQ Annual Plan to be Presented to the NAESB Board of Directors on March 27, 2008l

Item Description	Completion	Assignment
Program of Standards Maintenance & Fully Staffed Standards Work		
Business Practice Requests	Ongoing	Assigned by the EC[3]
Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	ANSI X12 Subcommittee
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
Provisional Activities		
Respond to requests as received that are related to Docket No. AD06-11-000 (Market Transparency Reporting).		

Notes: (a) Priority is given to action items that are carry-overs from the 2007 Annual Plan.
(b) Any new activity should be preceded by a request from the submitter after which the annual plan will be revisited. The provisional items would only be addressed after a request is submitted or an order is issued by the FERC.

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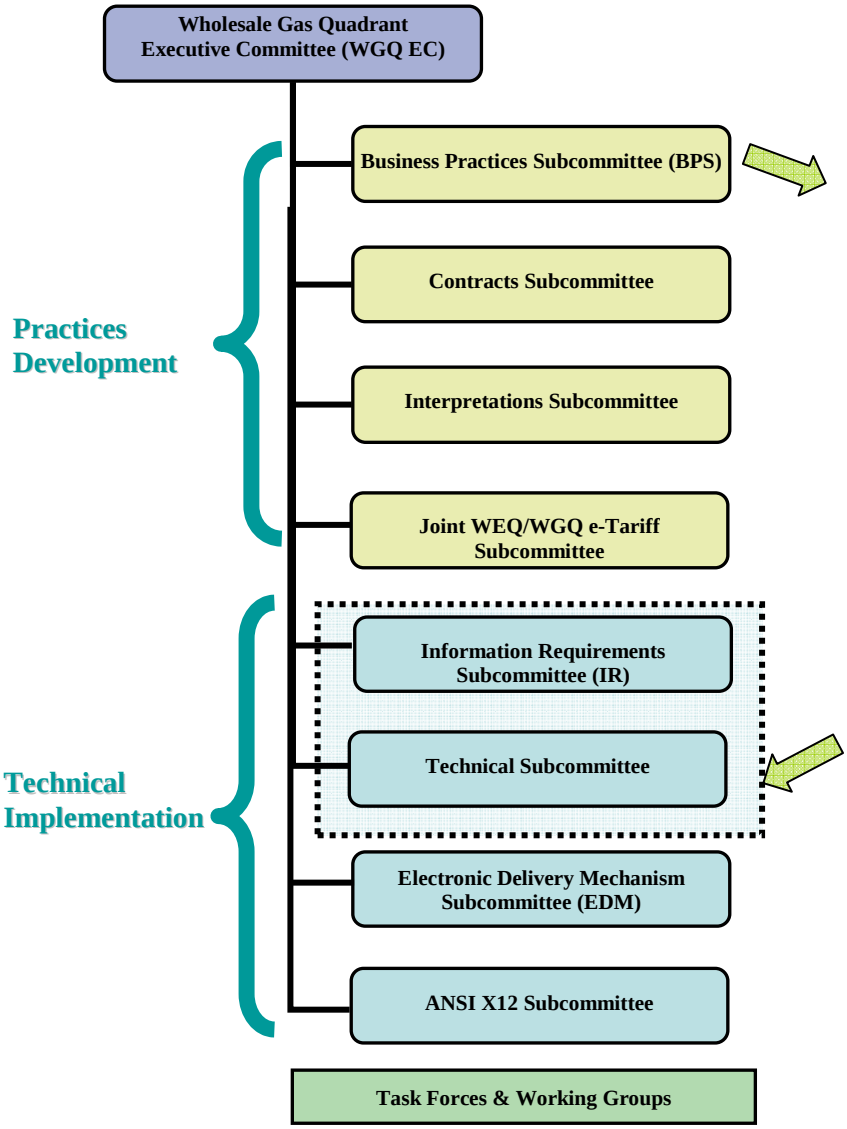

The translation of business practices to usable uniform business transactions is accomplished through the definition of information requirements for the data, and mapping of that data into specific electronic transactions. This translation is performed by IR and Technical subcommittees and completes the standards development process, often referred to as "full staffing." Both IR and Technical work in tandem to complete this crucial technical implementation activity. Until these steps have been completed, the process is incomplete, and in many cases, the business practices cannot be used.

NAESB 2008 WGQ EC and Subcommittee Leadership:

Executive Committee: Jim Buccigross, Chair and Mike Novak, Vice-Chair
Business Practices Subcommittee: Kim Van Pelt, Valerie Crockett, Dolores Chezar and Richard Smith
Information Requirements Subcommittee: Dale Davis
Technical Subcommittee: Kim Van Pelt
Contracts Subcommittee: Keith Sappenfield
Electronic Delivery Mechanism Subcommittee: Leigh Spangler, Christopher Burden
Interpretations Subcommittee: Paul Love
Joint WEQ/WGQ e-Tariff Subcommittee: Keith Sappenfield, Jane Daly

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End Notes WGQ 2008 Annual Plan:

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

[3] The EC assigns maintenance of existing standards on a request-by-request basis.

NAESB Bulletin

March - May 2008 Volume 1, Issue 3

2008 Retail Annual Plan
2008 WEQ Annual Plan
2008 WGQ Annual Plan

NAESB Board of Directors
NAESB Executive Committee Members

NAESB Members
Membership Information
Copyright Report

2008 Calendar :

March 2008

- 03/03 - WEQ ESS/ITS Conf. Call
- 03/05 - Joint NERC/NAESB ATC/AFC Conf. Call
- 03/05 - NAESB Monthly Update Conf. Call
- 03/06 - WEQ SRS Conf. Call
- 03/10-13 - WEQ ESS/ITS/BPS Meeting (Phoenix, AZ)
- 03/12-13 - WGQ BPS Order 698 Meeting (Colorado Springs, CO)
- 03/17 - WEQ ESS/ITS Conf. Call
- 03/19-20 - WEQ JISWG Meeting (Houston, TX)
- 03/21 - Holiday - Good Friday (NAESB Closed)
- 03/24 - WEQ ESS/ITS Conf. Call
- 03/25-26 - WGQ Technical Meeting (Houston, TX)
- 03/25 - Retail BPS Conf. Call
- 03/26 - WGQ IR Meeting (Houston, TX)
- 03/26 - WEQ Leadership Meeting (Houston, TX)
- 03/26 - Retail Leadership Meeting (Houston, TX)
- 03/26 - NAESB Board Reception/Dinner (Houston, TX)
- 03/27 - NAESB Board Resources Meeting (Houston, TX)
- 03/27 - NAESB Board of Directors Meeting (Houston, TX)
- 03/28 - Demand Side Management/Energy Efficiency (DSM/EE) Meeting (Houston, TX)
- 03/28 - WEQ ESS/ITS/BPS Conf. Call
- 03/31 - WEQ ESS/ITS/BPS Conf. Call

April 2008

- 04/01-02- Joint NAESB WEQ BPS/NERC TLR Meeting (Carmel, IN)
- 04/03-04 - WEQ ESS/ITS Conf. Call
- 04/15 - WGQ Technical Meeting Richmond, VA)
- 04/15 - WEQ ESS/ITS Meeting (Charlotte, NC)
- 04/16-17 - WGQ IR Meeting (Richmond, VA)
- 04/16-17 - WEQ ESS/ITS/BPS Meeting (Charlotte, NC)
- 04/22-23 - WGQ BPS Order 698 Meeting (Washington, DC)
- 04/23 - WEQ SRS Conf. Call
- 04/29 - WEQ ESS/ITS Conf. Call
- 04/30 - WEQ ESS/ITS PBS Conf. Call

May 2008

- 05/01 - WEQ ESS/ITS/BPS Conf. Call
- 05/07 - WEQ ESS/ITS Conf. Call
- 05/12-13 - WEQ Executive Committee Meeting (Washington, DC)
- 05/12-13 - Retail BPS Meeting (Washington, DC)
- 05/14 - Retail Executive Committee Meeting (Washington, DC)
- 05/14 - WGQ IR Meeting (Washington, DC)
- 05/14-16 - WEQ ESS/ITS/BPS Meeting (Washington, DC)
- 05/15 - WGQ Executive Committee Meeting (Washington, DC)
- 05/16 - WGQ Technical Meeting (Washington, DC)
- 05/21-22 - WEQ JISWG Meeting (San Diego, CA)
- 05/21-22 - WEQ ESS/ITS/BPS Conf. Call
- 05/21 - NAESB Monthly Update Conf. Call
- 05/26 - Holiday - Memorial Day (NAESB Closed)
- 05/27 - WEQ ESS/ITS Conf. Call
- 05/28-29 - WEQ ESS/ITS/BPS Conf. Call
- 05/30 - Demand Side Management/Energy Efficiency (DSM/EE) Meeting (Holyoke, MA)

STANDARDS DEVELOPMENT

eTariff (WEQ and WGQ): The initial meeting was held on February 1, 2007 at the FERC, opened by Chairman Kelliher. Proposals from INGAA, EEI, AOPL and Texas Intrastate Association were given, along with a review by FERC staff of requirements to be met for an e-Tariff program. Since that initial meeting, we have held 26 days of meetings throughout the year, including meetings to address technical issues for XML schemas and telecommunication protocols. The eTariff recommendation for standards and implementation guide completed the industry comment and the WGQ EC and WEQ EC considered comments filed (due date was February 27) and made modifications to the recommended standards at the meeting held on February 29 in Houston. The vote on the standards has completed and was passed by both quadrants. The standards include five definitions, two business practice standards, and a technical implementation guide – all of which are considered NAESB standards The implementation guide includes instructions on how to electronically submit an eTariff XML filing package for a new, or modified existing or withdrawn/cancelled tariff, rate schedule or service agreement. The standards support a sheet based, section-based or whole document format for filing. The standards will now be processed through membership ratification and after ratification, will be filed with the FERC. [Recommendation, Implementation Guide, Chairs' Comments]

Gas Quality: The WGQ Executive Committee has acted on Request No. R06008 - gas quality standard changes to provide reporting of additional information on a more frequent basis and in formats that permitted analysis. Two standards failed via a segment block. The single segment failed standards addressed provisions for Wobbe Numbers or other alternative methods for interchangeability, and downloading of data in single files for the past 3 months. The ratification of the three standards completed in late 2007. On November 15, the FERC requested that NAESB undertake additional changes to the gas quality standards, which will be addressed by the Board and EC at its upcoming meetings. The FERC asked NAESB to develop a uniform set of standards regarding the posting of rapidly changing gas quality information. [Summary of Gas Quality Standards for R06008, FERC Order Establishing Hearing, Docket No. RP07-504-000]

DSM-EE Activities (Retail and WEQ): The scope of the first phase of standards development is measurement and verification quantity-based standards as related to demand response programs. Work is underway on identifying the M&V aspects of various DR programs administered in the wholesale market and in the retail market. A preamble and glossary are also being developed. The next meeting is March 28 in Houston, where the work done to date on the matrices, glossary and preamble will be reviewed and guidance given for the continuance of these efforts. The wholesale matrix should near completion and be presented at the March 28 meeting. [Wholesale Market DR Programs Matrix and Work Plan, Retail Market DR Programs Matrix and Work Plan]

Gas Contracts (WGQ): The NAESB Wholesale Gas Interpretations Subcommittee has prepared an interpretation regarding the use of the NAESB base contract as a forward contract or swap agreement. The interpretation is out for formal comment and after WGQ EC vote and member ratification, will be part of the standards for version 1.9 of the WGQ standards. The interpretation is being cited in several amicus briefs in front of the U.S. Court of Appeals for the 4th Circuit regarding a decision of the U.S. Bankruptcy Court in the applicability of safe harbors in *Hutson v. Smithfield Packing Co. (In re National Gas Distributors, LLC)*. [Request for Interpretation, Background Documents, Recommended Interpretation]

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Click on any underlined text and you can access more detailed reports.

Welcome New Members:

Arizona Public Service Company - Contacts: Tom Carlson, Kelly Daly
(Wholesale Gas Quadrant, End User Segment)
Bentek Energy, LLC - Contact: E. Russell Braziel
(Wholesale Gas Quadrant, Services Segment)
British Columbia Transmission Corporation - Contact: Janet Fraser
(Wholesale Electric Quadrant, Transmission Segment, Fed/State/Prov. Sub segment)
EnergySouth Midstream, Inc. - Contact: Russell Murrell
(Wholesale Gas Quadrant, Services Segment)
Foothills Energy Ventures, LLC - Contact: Marty Patterson
(Wholesale Gas Quadrant, Producer Segment)
OGE Energy Resources, Inc. - Contact: Cary Metz
(Wholesale Gas Quadrant, Services Segment)
Santee Cooper - Contact: Tom Abrams
(Wholesale Electric Quadrant, Transmission Segment, Fed/State/Prov. Sub segment)
Vectren Retail, LLC - Contact: Tami Wilson
(Retail Gas Quadrant, Supplier Segment)

NAESB Membership Total 335
Membership by quadrant is:

130	Wholesale Gas Quadrant
26	Retail Electric Quadrant
24	Retail Gas Quadrant
155	Wholesale Electric Quadrant

Net Membership Growth from 2007: 2 new members

CALENDAR OF ACTION ITEMS

WGQ Request for Comments on Recommendation for Interpretation C07003 - In the NAESB Base Contract for Sales and Purchase of Natural Gas, NAESB WGQ Standards No. 6.3.1, dated April 19, 2002 ("NAESB Base Contract"), are physical deliveries of natural gas made there under intended by NAESB to be subject to avoidance and potential unwinding pursuant to the fraudulent transfer provisions of Title 11 of the United States Code (the "Bankruptcy Code"), or did NAESB intend transactions under the NAESB Base Contract to constitute a "forward agreement,: and a "swap agreement" (as those terms are used in the Bankruptcy Code), thus exempting transfers under the NAESB Base Contract from avoidance and unwinding under the Bankruptcy Code - Due March 7, 2008.

WGQ Request for Comments on Recommendation for Interpretation C07002 - Request for Interpretation to clarify that on a Transportation Service Provider's (TSP) Informational Postings web site downloads of information can be in HTML or RTF format - Due March 7, 2008.

WEQ Membership Ratification for WEQ 2008 Annual Plan Item 2(i)7 - OASIS Exemptions Appendix C - Due March 13, 2008.

WEQ Request for Comments on WEQ 2008 Annual Plan Items 2.a.i.5, 2.a.i.6, and 2.a.ii.1-3:WEQ-001 changes for Rebid of Partial Service, Preconfirmation Priority, and Group 2: Metrics; Redispatch Cost Posting - Due March 21, 2008.

WEQ ESS/ITS Informal Request for Comments to address Order 890 concerning the Recommendation for Rollover Rights on Redirect on a Firm Basis - Due March 25, 2008.

STANDARDS DEVELOPMENT *(continued)*

Order 698 - Gas-Electric Interdependency: The FERC issued FERC Order No. 698, which adopted the gas-electric communication standards and highlighted areas for possible standards development: price indexing, redirects and changes to intraday nomination schedules. A proposal for redirects has been approved by the subcommittee and several proposals for price indexing have been reviewed, resulting in the drafting of several standards with others still under consideration. Most recently, a conference call was held on February 21 to review additional standards for price indexing, which is expected to complete in March – and a meeting was held on February 26-27 to review proposals on intraday timelines. The intraday timelines effort is proceeding more slowly, with several proposals under consideration. We have received a number of comments that indicate strong support for a bumpable intraday nomination period that is more closely aligned with the electric market clearing times. Comments in support of adding an additional bumpable period were received from Arizona Corporation Commission, Arizona Electric Power Corporative, Buckeye Power, Delaware Municipal Electric Corporation, El Paso Electric Company, Honeywell International, Kansas Corporation Commission, KeySpan/ National Grid, Missouri Public Service Commission, New York Independent System Operator, North Carolina Electric Membership Corporation, Old Dominion Electric Cooperative, Phelps Dodge, Salt River Project, Southwest Power Pool, Tucson Electric Power Company, Unisource Energy Services. The next meeting is scheduled for March 12-13 in Colorado Springs, where work will continue on price indexing and intraday nomination deadlines. [Order 698 Summary]

Order 890 and OATT Reform (WEQ): NAESB WEQ Subcommittees are working diligently to meet FERC deadlines. NAESB is to file ATC related standards no later than August 7, 2008. The ATC/TTC recommendations related to ATC/TTC narratives is out for industry comments and the standards related to related to load forecasts and peak loads is underway with the comment period to begin in mid-March. Neither of these efforts require joint development with NERC. NAESB is on schedule with other development tasks – both for ATC/TTC and for electronic scheduling related tasks, and we have taken steps via our last Executive Committee meeting to prioritize this work to ensure the deadlines are met. [Order 890 Work Plan, NAESB Development Process]

NAESB Primers and Training Courses:

April 23-24, 2008 - WGQ Contracts Standards and Models Course [Registration Form, Course Flier]
June 11-12, 2008 - WGQ Contracts Standards and Models Course
October 8-9, 2008 - WGQ Business Practice Standards Updates and Changes, Version 1.8
November 12-13, 2008 - WGQ Contracts Standards and Models Course

Additional training courses will be added for 2008. Please monitor the NAESB Primers and Training Courses web page for scheduling of additional courses.

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NAESB EXECUTIVE COMMITTEE MEETING MATERIALS
REGULATORY UPDATE

REGULATORY UPDATES:

- 4-15-08 eTariff NAESB submittal: NAESB provided the record and standards developed for the eTariff program to the FERC.
- 4-17-08 FERC NOPR on eTariff: The Commission provided a NOPR indicating its intent to adopt the NAESB standards for the eTariff program.