

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**North American Energy Standards Board**  
**Board of Directors Meeting**  
**March 27, 2008**

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**MARCH 27, 2008**

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**TAB 1**

**WELCOME AND OPENING REMARKS**

This section includes:

- Welcome and opening remarks including meeting specifics.
- The roster of the members of the Board of Directors.
- Antitrust guidelines to be covered by General Counsel Bill Boswell at the beginning of the meeting.

This section tracks with agenda item 1. There are no actions expected of the Board members.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
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**WELCOME AND OPENING REMARKS**

- The meeting specifics are:

**WHERE:** Marriott IAH Airport, 18700 John F. Kennedy Blvd, Houston, TX 77032, and phone (281) 443-5235

<b>WHEN:</b>	Mar 26	Wholesale Electric Leadership Meeting (a working lunch will be served at this meeting)	Noon to 3:00 pm C
	Mar 26	Retail Leadership Meeting	3:00 pm to 5:00 pm C
	Mar 26	Board Reception and Dinner	6:00 pm reception 7:00 pm dinner seating
	Mar 27	Resources Committee Meeting	8:00 am to 9:00 am C
	Mar 27	Board Meeting (a buffet lunch will be served during the meeting)	9:00 am to 1:00 pm C

Please feel free to call (713-356-0060) if you have any questions or comments, additions to the agenda, or additional meeting materials. If you would prefer attending by conference call, the NAESB Office can provide the conference calling information for any of the above meetings.

- For further assistance please reach:

Veronica Thomason at (713) 356 - 0060

- The officers presiding over the Board of Directors meeting are:

Michael Desselle	Chairman Wholesale Electric Quadrant
William Bourbonnais	Vice Chairman Retail Gas Quadrant
Valerie Crockett	Vice Chairman Wholesale Gas Quadrant
Jim Templeton	Past Chairman
Leonard Haynes	Past Chairman

Rae McQuade	- President, COO and Secretary
William P. Boswell	- General Counsel

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**ANTITRUST GUIDELINES**

- The following guidelines will be reviewed by counsel at the meeting. The meeting will be monitored, transcribed, and minutes will be taken. The guidelines are as follows:

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

1301 Fannin, Suite 2350, Houston, Texas 77002  
 Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: [naesb@naesb.org](mailto:naesb@naesb.org)  
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### NORTH AMERICAN ENERGY STANDARDS BOARD 2008 BOARD TERMS – Wholesale Gas Quadrant

<b>PRODUCERS SEGMENT</b>		<b>TERM END:</b>
Jay Ellzey	Vice President Commercial Operations, Chevron Natural Gas	12-31-2008
William T. Benham	Vice President – Regulatory Affairs, BP Energy Company	12-31-2009
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	12-31-2009
Marty Patterson	Vice President – Commercial Operations, Foothills Energy Ventures LLC	12-31-2008
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	12-31-2009
<b>PIPELINE SEGMENT</b>		
Jim Goldmann	Vice President - Transportation Services and Development, Alliance Pipeline LP	12-31-2008
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	12-31-2008
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	12-31-2008
Anne Bomar	Vice President, Dominion	12-31-2009
Richard Kruse	Senior Vice President, Spectra Energy Transmission	12-31-2009
<b>LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT</b>		
Clifton Olson	Vice President of Supply and Transmission, Energy East Corporation	12-31-2008
Adrian Chapman	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	12-31-2008
Amy Hamilton	Manager of Gas Supply & Transportation, PECO Energy Co.	12-31-2009
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	12-31-2009
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	12-31-2009
<b>END USERS SEGMENT</b>		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	12-31-2008
Timothy W. Gerrish	Director of Origination-Energy Marketing and Trading, Florida Power & Light	12-31-2008
Tina Burnett	Natural Gas Resources Administrator, The Boeing Co.	12-31-2008
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	12-31-2009
Jim Templeton	Principal, Comprehensive Energy Services	12-31-2009
<b>SERVICES SEGMENT</b>		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	12-31-2008
Rusty Braziel	Managing Director , Bentek Energy, LLC	12-31-2008
Jim Buccigross	Vice President Energy Industry Practice, Group 8760 LLC	12-31-2009
Bill Hebenstreit	Manager – Contract Administration, Cheniere Marketing, Inc.	12-31-2009
Suzanne Calcagno	Director, Regulatory Compliance, UBS Energy, LLC	12-31-2008

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### NORTH AMERICAN ENERGY STANDARDS BOARD 2008 BOARD TERMS – Retail Electric Quadrant

<b>SUPPLIERS SEGMENT</b>		<b>TERM END:</b>
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
<b>DISTRIBUTORS SEGMENT</b>		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	12-31-2009
Dennis Derricks	Director Regulatory Policy and Analysis, Integrys Energy Services, Inc.	12-31-2009
Ruth Kiselewich	Director, Conservation Programs, Baltimore Gas & Electric Company (MAAC NERC Region)	12-31-2008
Debbie McKeever	Market Advocate, Oncor	12-31-2008
<b>END USERS SEGMENT</b>		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	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
<b>SERVICE PROVIDERS SEGMENT</b>		
Jim Minneman	Controller, PPL Solutions LLC	12-31-2009
V A C A N C Y		12-31-2009
J Cade Burks	President, EC Power	12-31-2008
V A C A N C Y		12-31-2008

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<b>TRANSMISSION SEGMENT</b>		<b>TERM END:</b>	<b>SUBSEGMENT:</b>
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	12-31-2009	Muni/Coop
V A C A N T		12-31-2008	Fed/State/Prov.
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	12-31-2008	IOU
Jerry Smith	Alliance/Partnership Manager, Arizona Public Service Co.	12-31-2009	IOU
Jill Horswell	Director Transmission, Southern California Edison	12-31-2008	at large
Terri Grabiak	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc.	12-31-2009	at large
Michael Wells	Director – Market-Operations Interface, WECC	12-31-2009	At-Large
<b>GENERATION SEGMENT</b>			
Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	12-31-2009	Muni/Coop
Belinda Thornton	Senior Manager – Real Time Trading, Tennessee Valley Authority	12-31-2008	Fed/State/Prov.
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc.	12-31-2008	IOU
Charles W. Severance	Manager – Supply & Wholesale Services, Integrys Energy Services, Inc.	12-31-2009	IOU
V A C A N T		12-31-2009	Merchant
Gloria Ogenyi	Vice President Energy Policy, Conectiv Energy Supply, Inc.	12-31-2008	Merchant
Ron Mucci	Manager - Regulatory Affairs, Williams Power Company	12-31-2009	At-Large
<b>MARKETERS/BROKERS SEGMENT</b>			
Roy True	Manager of RTO Market Development, ACES Power Marketing	12-31-2008	Muni/Coop
Jeff Ackerman	Manager, Colorado River Storage Project Energy Management and Marketing Office, Western Area Power Administration	12-31-2009	Fed/State/Prov.
Michael Grim	Director of Markets and Regulation, Luminant	12-31-2008	Not IOU Affiliated
Jack Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	12-31-2009	at large
Sam Forrest	Vice President, Energy Marketing and Trading, Florida Power & Light	12-31-2008	IOU
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	12-31-2009	IOU
Rick Smead	Director, Navigant Consulting, Inc.	12-31-2009	At-Large



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<b>DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT</b>		<b>TERM END:</b>	<b>SUBSEGMENT:</b>
Arthur G. Fusco	Vice President and General Counsel, Central Electric Power Cooperative Inc.	12-31-2008	Muni/Coop
Barry R. Lawson	Manager-Power Delivery, National Rural Electric Cooperative Association	12-31-2009	Muni/Coop
Leonard Haynes	Executive Vice President – Supply Technologies, Renewables and Demand Side Planning, Southern Company Generation	12-31-2008	IOU
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	12-31-2009	IOU
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	12-31-2009	at large
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	12-31-2008	at large
Bruce Ellsworth	New York State Reliability Council	12-31-2009	At-Large
<b>END USERS SEGMENT</b>			
V A C A N C Y		12-31-2009	End Use (Also in another segment)
Carol Guthrie	General Manager, Electric Market Strategies, ChevronTexaco Energy Research and Technology Company	12-31-2008	End Use (Self Generator)
Thomas G. Dvorsky	Director of the Office of Electricity, Gas, and Water at the New York State Department of Public Service	12-31-2008	Regulator
V A C A N C Y		12-31-2009	Residential/Commercial
V A C A N C Y		12-31-2008	Large Industrial
V A C A N C Y		12-31-2009	Large Industrial
Michehl Gent	Open Access Technology International, Inc.	12-31-2009	At-Large
<b>INDEPENDENT GRID OPERATORS/PLANNERS</b>			
Michael Desselle	Vice President Process Integrity, Southwest Power Pool	12-31-2008	
Ray Giuliani	Vice President Market Operations, Electric Reliability Council of Texas (ERCOT)	12-31-2008	
Kevin Kirby	Vice President Market Operations, ISO New England, Inc.	12-31-2008	
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)	12-31-2008	
Andy Ott	Vice President Markets, PJM Interconnection	12-31-2009	
Bill Phillips	Vice President Standards Compliance & Strategy, Midwest ISO (MISO)	12-31-2009	
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)	12-31-2009	

The subsegments noted in the above roster are:

At-Large -- Regional reliability organizations, regional transmission organizations, consultants, service companies, information services and software companies, law firms, and other such organizations that are not specifically encompassed in the other subsegments for a given segment.

Competitive Retailer (not available to MUNI/COOP, IOU or IOU affiliates)

End Use (also in another segment)

Federal/State/Provincial

IOU – Investor Owned Utility or IOU Affiliated

ITC – Independent Transmission Company

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Large Industrials (not in other segments)

Merchant

Muni/Coop – Municipals, Cooperatives

Not IOU Affiliated

OTHER -- (not available to MUNI/COOP, IOU or IOU affiliates)

Regulator

Residential/Commercial

End Use (Self Generation)

The number of seats within each segment that are allotted to sub-segments are controlled through the WEQ Procedures.

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### NORTH AMERICAN ENERGY STANDARDS BOARD 2008 BOARD TERMS – Retail Gas Quadrant

<b>SUPPLIERS SEGMENT</b>		<b>TERM END:</b>
VACANCY		12-31-2008
VACANCY		12-31-2008
VACANCY		12-31-2008
VACANCY		12-31-2009
VACANCY		12-31-2009
VACANCY		12-31-2009
<b>DISTRIBUTORS SEGMENT</b>		
Alonzo Weaver	Vice President of Engineering and Operations, Memphis Light, Gas & Water Division	12-31-2009
<b>William Bourbonnais</b>	Vice President – Transmission, Wisconsin Public Service Corporation	12-31-2009
VACANCY		12-31-2008
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.	12-31-2009
VACANCY		12-31-2009
VACANCY		12-31-2008
<b>END USERS SEGMENT</b>		
VACANCY		12-31-2008
VACANCY		12-31-2008
VACANCY		12-31-2008
VACANCY		12-31-2009
VACANCY		12-31-2009
VACANCY		12-31-2009
<b>SERVICE PROVIDERS SEGMENT</b>		
Leigh Spangler	President, Latitude Technologies Inc.	12-31-2008
VACANCY		12-31-2008
Dave Darnell	President & CEO, Systrends USA	12-31-2009
Greg Lander	Principal, Commerce Energy Group	12-31-2009
VACANCY		12-31-2009
VACANCY		12-31-2008

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 2**

**MEETING ANNOUNCEMENT AND AGENDA**

This section includes:

- The meeting announcement and agenda for the Board normal business,

The material presented is background information for the discussion of agenda item 1.

The Board will discuss and review agenda and will be asked to adopt the agenda through a simple majority vote.



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March 13, 2008

**TO:** NAESB Board of Directors, Invited Guests, Speakers  
**FROM:** Rae McQuade, NAESB President and COO  
**RE:** Meeting Announcement for the NAESB Board Meeting – March 27, 2008

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Dear Board Members, Speakers and Invited Guests:

The March Board meeting will be held in Houston at the Marriott IAH Airport Hotel, which is located near the George Bush Intercontinental Airport. The specifics of the meeting are:

<b>WHERE:</b>	Marriott IAH Airport, 18700 John F. Kennedy Blvd, Houston, TX 77032, and phone (281) 443-5235	
<b>WHEN:</b> Mar 26	Wholesale Electric Leadership Meeting (a working lunch will be served at this meeting)	Noon to 3:00 pm C
Mar 26	Retail Leadership Meeting	3:00 pm to 5:00 pm C
Mar 26	Board Reception and Dinner	6:00 pm reception 7:00 pm dinner seating
Mar 27	Resources Committee Meeting	8:00 am to 9:00 am C
Mar 27	Board Meeting (a buffet lunch will be served during the meeting)	9:00 am to 1:00 pm C

We look forward to seeing you at the meeting. Conference calling will be available should you be unable to attend in person. On the evening before the Board meeting, a reception will be held at the Petroleum Club (43<sup>rd</sup> floor, 800 Bell Street, Houston, Texas), with the reception beginning at 6:00 p.m. and dinner following at 7:00 p.m. If you are staying at the Marriott IAH Airport Hotel, we will have transportation to take you to the reception and then back to the hotel after dinner.

Prior to the Board meeting on Thursday, from 8:00 am to 9:00 am, the Resources Committee will meet at the Marriott IAH Airport Hotel. All Board members are invited to attend the Resources Committee meeting. More information on the Board meeting and the Resources Committee meeting will be forwarded to you shortly, including the announcement of the availability of the meeting materials. Both meetings are available via conference call for those unable to attend in person. The Board meeting will also be web cast. The agendas and materials will also be posted on the NAESB web site at the following address: [http://www.naesb.org/weq/weq\\_bod.asp](http://www.naesb.org/weq/weq_bod.asp) for the Board meeting, and [http://www.naesb.org/board\\_resource.asp](http://www.naesb.org/board_resource.asp) for the Resources Committee meeting.

Best Regards,

Rae McQuade  
 NAESB President & COO



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**NAESB BOARD OF DIRECTORS MEETING  
 Houston Airport Marriott Hotel, Houston, Texas  
 Thursday, March 27 – 9:00 a.m. to 1:00 pm Central  
 DRAFT AGENDA**

- |           |  |
|-----------|--|
| 8:00 a.m. | Resources Committee Meeting  |
| 8:30 a.m. | Continental Breakfast  |
| 9:00 a.m. | <ol style="list-style-type: none"> <li>1. Administration and Welcome           <ol style="list-style-type: none"> <li>a) Antitrust Guidelines</li> <li>b) Introduction of Board Members and Guests</li> <li>c) Agenda Adoption</li> <li>d) Adoption of Draft Minutes – December 13, 2007</li> </ol> </li> <li>2. Reports from board committees           <ol style="list-style-type: none"> <li>a) Resources Committee</li> <li>b) Ad Hoc Group on Segment Blocks</li> <li>c) Managing Committee</li> </ol> </li> <li>3. Updates on specific efforts:           <ol style="list-style-type: none"> <li>a) WEQ and WGQ: eTariff Progress</li> <li>b) WEQ: Order 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress</li> <li>c) WGQ: Order 698 approach, schedule and progress, correspondence</li> <li>d) WEQ and Retail: DSM/EE efforts</li> <li>e) WGQ: Gas Quality</li> </ol> </li> <li>4. Executive Committee Reports           <ol style="list-style-type: none"> <li>a) Executive Committee Report from each Quadrant</li> <li>b) Review and Adoption of revisions proposed for the 2008 Annual Plans</li> </ol> </li> <li>5. Membership and Financial Report           <ol style="list-style-type: none"> <li>a) Membership Report</li> <li>b) Financial Report for 2007 YE</li> <li>c) Financial Report for 2008 YTD</li> </ol> </li> <li>6. Plan for June 2008 Board Meeting</li> <li>7. Old and New Business           <ol style="list-style-type: none"> <li>a) Liaisons with external groups               <ul style="list-style-type: none"> <li>• FERC</li> <li>• NARUC</li> <li>• NERC</li> <li>• Other Groups</li> </ul> </li> <li>b) Meeting Schedule for 2008</li> </ol> </li> </ol> |
| 1:00 p.m. | 8. Adjourn   |

*Attire – Business Casual  
 Working buffet lunch will be provided.*

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 3**

**DRAFT MINUTES – DECEMBER 13, 2007**

This section includes:

- The draft minutes for the Board meeting on December 13, 2007

The material presented is background information for the discussion of agenda item 1.

The Board will discuss and review minutes and will be asked to adopt the minutes as final through a simple majority vote. The minutes have been posted and available for review and download. No changes were submitted to the office from the members of the Board of Directors.



# North American Energy Standards Board

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January 15, 2008

**TO:** NAESB Board Members, Posting for Interested Industry Participants  
**FROM:** Laura Kennedy, Director, Standards Development  
**RE:** Draft Minutes from the NAESB Board of Directors Meeting – December 13, 2007

**NORTH AMERICAN ENERGY STANDARDS BOARD  
 NAESB BOARD OF DIRECTORS MEETING  
 December 13, 2007 – Wyndham Greenspoint 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. Boswell read the antitrust guidelines. Ms. Kennedy 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. Lucas moved, seconded by Mr. Smead, to adopt the agenda as drafted. The Board members reviewed the minutes from the Board meeting on September 27, 2007 included on page 17 behind tab 3 of the Board book. Mr. Ellsworth 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/bd092707fm.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 26. Mr. Brown noted that the work of the Resources Committee has helped gain a net 31 new members since its creation. Potential areas for new membership include the Demand Side Management/Energy Efficiency Subcommittee efforts. The Resources Committee plans to contact companies who have the potential of being members in more than one quadrant. The Resources Committee has requested that the staff send out two mail distributions this year – one asking companies to keep NAESB membership on the budget for the upcoming budget cycles and a second in September when budgets are being confirmed. Mr. Brown stated that the Resources Committee also plans to work with the trade organizations to get the message out regarding the NAESB copyright policy and how membership can alleviate copyright concerns. Ms. McQuade stated that she and Mr. Boswell would draft a letter regarding copyright and membership for the Board Resources Committee to approve to be distributed during the first quarter, 2008. During the second quarter, a letter will be distributed to members to remind them to include the membership renewal in the budget for the next year. During the third quarter, a final reminder will be distributed to members to include the membership renewal in the end of year budget for the next year.

Retail Structure Review Committee: Mr. Bourbonnais, the chair of the Retail Structure Review Committee (RSRC) provided the update of the RSRC and presented the RSRC Report for 2007 included as supplemental material for the Board on the Board page: [Supplemental: RSRC 2007 Final Report](#). He stated that since 2005, the RSRC has worked to determine how the Board should address the fact that the two Retail Quadrants' membership are below the required 40 members. In 2005 and 2006, the RSRC expanded the work of the Retail





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Quadrants from development of model business practices to support states that have adopted retail choice to development of model business practices to support traditionally regulated states as well. In 2007, the effort of the Demand Side Management and Energy Efficiency Subcommittee has further expanded the work of the Retail Quadrants. The RSRC has considered several options including changing the NAESB Bylaws so that the membership minimum would be revised so that the retail Quadrants would no longer be in violation, changing the focus of the work of the Retail Quadrants, have the Wholesale Quadrants absorb the Retail Quadrants as a segment of the Wholesale Quadrants, or combine the two Retail Quadrants into one Quadrant. The recommendation of the RSRC, based on the planned efforts of the DSM/EE Subcommittee, is to maintain status quo for 2008 while the RSRC studies the two viable options during the first two quarters in 2008. After that time, the RSRC will propose one of the options or the other: whether to make the Retail Quadrants segments within the Wholesale Quadrants or to merge the Retail Quadrants. After further discussion, Mr. Templeton moved, seconded by Mr. Bourbonnais, to adopt the RSRC 2007 Report. The motion passed unanimously.

### 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 69 of the Board book. The e-Tariff Technical Task Force met November 28-30, 2007 where a lot of progress was made on the xml schema being developed for the electronic filing of tariffs. It is the plan at this time to meet for three days in January to complete the standards development for this subcommittee and vote the recommendation to the Executive Committee.

WEQ: Order 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress: Ms. York provided the update of the NAESB standards development on Order 890. The Order 890 information begins on page 78 of the Board book behind tab 5. Ms. York noted that the ESS/ITS and BPS have met to address Order 890 over 60 times in 2007 to date and have met 19 times since the September Board meeting. Ms. York reviewed the progress of the subcommittees' work on Order 890. It was determined that in order to meet the deadlines set by the FERC in the extension granted on the Order 890 deadlines, that NAESB must have the standards developed to address the complementary standards with NERC reliability standards developed for Order 890 by June 1 so that the comment period and Executive Committee vote can take place in advance of the deadline of August 9, 2008.

WEQ Transmission Loading Relief Progress: Ms. York provided an overview of the status of Transmission Loading Relief Standards development. The TLR Status Report was included behind Tab 5, beginning on page 141 of the Board book.

WGQ: Order 698 approach, schedule and progress: Mr. Novak provided the update of the work of the WGQ Business Practices Subcommittee to address Order 698. He noted that one more meeting has been scheduled and that more meetings need to be scheduled in 2008. Mr. Novak noted that there is a potential for a segment block on at least one of the issues. Mr. Novak also noted that an interpretation of policy may also be needed in order to move forward. Mr. Novak also noted that he would like the Board to examine a way to pursue policy questions at NAESB via an expedited process. Mr. Desselle noted that he would create a task force of the Board of Directors to examine the possibility of an expedited process to submit policy questions to the FERC.



# North American Energy Standards Board

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WEQ and Retail: DSM/EE efforts: Next, Mr. Koogler and Mr. Winkler provided an overview of the DSM/EE efforts. The materials were included behind tab 5, beginning on page 161 of the Board book. The effort includes three of the four NAESB Quadrants – the WEQ, the RGQ, and the REQ. The last meeting was held on November 30, 2007 hosted by Dominion in Richmond, Virginia. The subcommittee is in the process of creating matrices that will be distributed to members with the goal that examples will be submitted to highlight companies' demand response programs. Ms. McQuade continues to meet with NARUC staff and state commissioners active in NARUC to keep the state commissions abreast of the developments at NAESB. The next meeting is scheduled on January 23, 2008 to be hosted by Baltimore Gas and Electric in Baltimore, Maryland. Mr. Brown stated that it is important also to keep Commissioner Wellinghoff abreast of the work of the DSM/EE Subcommittee.

WEQ and Retail Publication Schedule: Ms. McQuade stated that NAESB published WEQ Version 1 at the end of October 2007. The status report on the standards included in Version 1 will be submitted to the FERC on December 21, 2007. The TLR standards were included in Version 1 and will be noted in the filing. NAESB staff is working closely with NERC staff so that the NERC TLR standards can be filed at the same time as the NAESB TLR standards.

For the Retail Quadrants' Version 1.1, it is the plan at this time to publish in 2008 when technical business practices recommendations have been completed and are ratified by the membership so that they may be included in the publication as well. The publication information can be found beginning on page 173 behind tab 5 of the Board book.

#### **4. Copyright Update**

Next, Ms. McQuade reviewed the Copyright Update, included behind tab 6, beginning on page 178 of the Board book. Ms. McQuade stated that a letter will be distributed in the first quarter highlighting the Copyright Policy and noting that members can purchase standards at member rates for their affiliates.

#### **5. Executive Committee Reports**

Ms. York provided the review of the Wholesale Electric Quadrant and reviewed the proposed changes to the WEQ 2007 Annual Plan, posted as supplemental material for the meeting: [Supplemental: Redlined 2007 WEQ Annual Plan](#). Mr. Templeton moved, seconded by Mr. True, to adopt the revisions to the plan as highlighted by Ms. York. The motion passed without objection.

Mr. Novak provided the review of the work of the Retail Quadrants and the redlined Retail 2007 Annual Plan. Mr. Buccigross did the same for the Wholesale Gas Quadrant. The plans were included in the Board book behind tab 7. Mr. Buccigross moved, seconded by Mr. Novak to adopt the changes to the plans as noted in the redlines. The motion passed without objection.

2008 Annual Plans –

Ms. York presented the draft WEQ 2008 Annual Plan to the Board. Mr. Buccigross presented the draft WGQ 2008 Annual Plan to the Board. Mr. Novak presented the Retail 2008 Annual Plan. Mr. Buccigross moved, seconded by Mr. Bourbonnais, to adopt the 2008 Annual Plans. The motion passed without objection. The annual plans were included behind tab 8 of the Board book.



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### **6. Membership and Financial Reports**

Ms. McQuade reviewed the membership report included on page 278 of the Board book, behind tab 9. The membership profile notes a net increase of 20 members to date in 2007. On page 280 a list of the companies that have joined and those that have elected to resign their memberships was included.

The 2007 Financial Report and budget as of October 31, 2007 is included in the Board book, beginning on page 291. Ms. Wishart noted that an outside accounting firm conducted an audit of the 2006 financial statements as of October 2006 and had no adverse findings in the statements.

The proposed budget for 2008 was included behind tab 9, beginning on page 299 of the Board book. Ms. Wishart provided the review of the proposed budget. Mr. Brown asked how many memberships would be needed to cover the increase in the budget. Ms. Wishart stated that 9 net new memberships would be needed to meet that budget. Mr. Bourbonnais moved, seconded by Mr. Lucas to adopt the 2008 budget. The motion passed without objection.

### **7. Plan for March 2008 Board Meeting**

Ms. McQuade stated that the March 2008 Board meeting agenda will include a year-end review of the financials, review of the progress on the Annual Plans, updates on publications, e-Tariff, Order 890 progress, DSM/EE progress, and Order 698 progress.

### **8. Old and New Business**

The Liaison Report is included on page 301 of the Board book. NAESB continues to meet with FERC staff to communicate on the work for Order 890 and e-Tariff. As previously noted, NAESB will submit the status report on the Version 1 WEQ standards on December 21. The status report will also acknowledge the extension of Order 890 deadlines and the dissolution of the Joint Interface Committee.

The Advisory Council will meet in February in conjunction with the NARUC Winter meeting. Mr. Ellsworth is the chair of the Advisory Council.

Mr. Buccigross noted that the NAESB Base Contract has extensive use in the gas marketplace. In a recent bankruptcy suit, the issue of whether the NAESB Base Contract is in fact a forward contract and whether the parties were forward contract merchants was decided. The bankruptcy judge held that the Base Contract is not a forward contract and that the parties are not forward contract merchants. NAESB has been approached to submit an amicus brief on this issue. The Managing Committee determined that to submit an amicus brief on this issue could be construed as advocacy and determined that the parties in the suit could seek to have an interpretation issued by NAESB. Attorneys for one of the parties have notified NAESB staff that they plan to submit a request for interpretation on this issue.

Mr. Oberski stated that the WEQ Leadership plans to discuss the need to continue with sub-segments within the WEQ at the next WEQ Leadership meeting.

The 2008 Board meetings will be held in Houston, unless parties volunteer to host at another location.

### **9. Adjourn**

Mr. Templeton moved to adjourn. The meeting adjourned at 11:30 AM Central.



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### 10. Board Attendance (Vacancies Omitted)

#### Wholesale Gas Quadrant

<b>PRODUCERS SEGMENT</b>		<b>ATTENDANCE:</b>
Jay Ellzey	Vice President Commercial Operations, Chevron Natural Gas	Absent
William T. Benham	Vice President – Regulatory Affairs, BP Energy Company	Absent
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	Phone
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	Phone
<b>PIPELINE SEGMENT</b>		
Jim Goldmann	Vice President - Transportation Services and Development, Alliance Pipeline LP	Absent
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	Absent
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	In Person
Anne Bomar	Vice President, Dominion	Absent
Richard Kruse	Senior Vice President, Spectra Energy Transmission	In Person
<b>LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT</b>		
Clifton Olson	Vice President of Supply and Transmission, Energy East Corporation	Phone
Adrian Chapman	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	Absent
Reed Horting	Vice President, Gas Supply & Transportation, PECO Energy Co.	Absent
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	In Person
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	Absent
<b>END USERS SEGMENT</b>		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	Absent
Jim Templeton	Principal, Comprehensive Energy Services	In Person
<b>SERVICES SEGMENT</b>		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	Absent
Jim Buccigross	Vice President Energy Industry Practice, Group 8760 LLC	In Person
Bill Hebenstreit	Manager – Contract Administration, Cheniere Marketing, Inc.	Absent
Suzanne Calcagno	Director, Regulatory Compliance, UBS Energy, LLC	Absent
<b>2007 BOARD TERMS – Retail Electric Quadrant</b>		
<b>SUPPLIERS SEGMENT</b>		<b>ATTENDANCE:</b>
Gregory Urbin	Regulatory Affairs Manager, Constellation NewEnergy	Absent
<b>Richard Zelenko</b>	Vice President, Dominion Retail Inc.	Absent
<b>DISTRIBUTORS SEGMENT</b>		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	In Person



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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)	In Person
Debbie McKeever	Market Advocate, Oncor	Phone

## END USERS SEGMENT

Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	Absent
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## SERVICE PROVIDERS SEGMENT

Jim Minneman	Director of Business Services, PPL Solutions LLC	Phone
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	In Person
W Terry Boston	Executive Vice President – Transmission/Power Supply Group, Tennessee Valley Authority	Fed/State/Prov.	Absent
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	IOU	In Person
Terri Grabiak	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc.	at large	In Person

## GENERATION SEGMENT

Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	Muni/Coop	Absent
Belinda Thornton	Senior Manager – Real Time Trading, Tennessee Valley Authority	Fed/State/Prov.	In Person
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc.	IOU	In Person
Charles W. Severance	Manager – Supply & Wholesale Services, Integrys Energy Services, Inc.	IOU	In Person
Michael Gildea	Director of Compliance, Constellation Energy	Merchant	Absent
Gloria Ogenyi	Vice President Energy Policy, Conectiv Energy Supply, Inc.	Merchant	Absent
Ron Mucci	Manager - Regulatory Affairs, Williams Power Company	At-Large	Phone

## MARKETERS/BROKERS SEGMENT

Roy True	Manager of RTO Market Development, ACES Power Marketing	Muni/Coop	In Person
Jeff Ackerman	Manager, Colorado River Storage Project Energy Management and Marketing Office, Western Area Power Administration	Fed/State/Prov.	Phone
Michael Grim	Director of Markets and Regulation, Luminant	Not IOU Affiliated	Absent
Jim Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	at large	Absent
Mark Klein	Vice President – Energy Supply and Marketing, Public Service Company of New Mexico	IOU	Absent
R. Scott Brown	Vice President and Director, Exelon Generation	IOU	In Person



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<b>Power Team</b>			
Rick Smead	Director, Navigant Consulting, Inc.	At-Large	In Person
<b>DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT</b>			
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	Absent
Leonard Haynes	Executive Vice President – Supply Technologies, Renewables and Demand Side Planning, Southern Company Generation	IOU	Absent
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	IOU	Absent
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	at large	Absent
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
<b>END USERS SEGMENT</b>			
Carol Guthrie	General Manager, Electric Market Strategies, ChevronTexaco Energy Research and Technology Company	End Use (Self Generator)	Absent
James T. Gallagher	Director, Office of Electricity & Environment, New York State Department of Public Service	Regulator	Absent
Michehl Gent	Open Access Technology International, Inc.	At-Large	In Person
<b>INDEPENDENT GRID OPERATORS/PLANNERS</b>			
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.		Phone
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)		Phone
Andy Ott	Vice President Markets, PJM Interconnection		In Person
William Phillips	Vice President Interregional Coordination & Policy, Midwest ISO (MISO)		In Person
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)		In Person
<b>Retail Gas Quadrant</b>			
<b>SUPPLIERS SEGMENT</b>			<b>ATTENDANCE:</b>
Kathy Fudali	Manager, Contract Administration, Sprague Energy Corp.		Absent
<b>DISTRIBUTORS SEGMENT</b>			
Craig White	Chief Operating Officer, Philadelphia Gas Works		Absent
<b>William Bourbonnais</b>	Vice President – Transmission, Wisconsin Public Service Corporation		In Person
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.		Absent
<b>END USERS SEGMENT</b>			



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## SERVICE PROVIDERS SEGMENT

Leigh Spangler	President, Latitude Technologies Inc.	In Person
Dave Darnell	President & CEO, Systrends USA	Absent
Greg Lander	Principal, Commerce Energy Group	Absent

## 11. Other Attendance

Name	Organization	Attendance
Jonathan Booe	NAESB	In Person
Bill Boswell	NAESB	In Person
Kathryn Burch	Spectra Energy	In Person
Christopher Burden	Williams Gas Pipeline	In Person
Dale Davis	Williams Gas Pipeline	In Person
Ed Davis	Entergy	In Person
Chuck Feagans	Tennessee Valley Authority	Phone
Mark Gracey	Tennessee Gas Pipeline	In Person
Bill Griffith	El Paso Natural Gas	In Person
David Huffman	NAESB	In Person
Laura Kennedy	NAESB	In Person
Iris King	Dominion Transmission	Phone
Rob Martinko	FirstEnergy	In Person
Rae McQuade	NAESB	In Person
Larry Middleton	Midwest ISO	In Person
Rebecca Miller	NERC	Phone
Susan Pollonais	FERC	Phone
Denise Rager	NAESB	In Person
Andy Rodriguez	NERC	In Person
Ed Skiba	Midwest ISO	In Person
Veronica Thomason	NAESB	In Person
Kim Van Pelt	Panhandle Eastern Pipe Line	In Person
Eric Winkler	ISO New England	In Person
Darla Wishart	NAESB	In Person
Charles Yeung	Southwest Power Pool	In Person
Kathy York	Tennessee Valley Authority	In Person

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 4**

**BOARD COMMITTEE UPDATES**

This section includes:

- Resources Analysis – as background for the discussion for the Resources Committee)
- Ad hoc group on segment books
- Managing Committee (no material provided)
- The material presented is background information for the discussion of agenda item 2. Depending on the course of the discussion, there may be requests for simple majority votes to endorse a direction to be considered by a board committee. There has been no meeting of the board managing committee since the last board meeting and as such, there is no material to make available or post.





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**TO:** NAESB Board Resources Committee Members  
**FROM:** Jonathan Booe Meeting/Project Manager, and Denise Rager, Membership Administrator, NAESB  
**RE:** Notes from Resources Committee Meeting on December 13, 2007  
**DATE:** March 21, 2008

Dear Resources Committee Members,

A Resources Committee meeting was held on December 13, 2007. The meeting was called to order at 8:30 am, Mr. Brown presided over the meeting and Mr. Booe served as the counsel for the meeting. The notes below serve as the record for the meeting.

### December 13, 2007 Notes for the NAESB Resources Committee Meeting

- |   |  |
|---|--|
| Administrative  | <ul style="list-style-type: none"> <li>• Mr. Brown welcomed the participants to the meeting. The participants in the room and on the phone introduced themselves. Mr. Booe gave the anti-trust guidance. Mr. Brown stated that he would like to add discussions concerning the open board seats, targets for 2008, and a copyright update reminder to the agenda. The amended agenda was adopted by consensus.</li> </ul>  |
| Status Towards Goal of 30 Net New Members                     | <ul style="list-style-type: none"> <li>• Mr. Brown reviewed the change to membership status since the last Board Resource meeting.</li> <li>• New members, 109; Home page access, 6; Resignations, 78; Progress = <b>Net 31</b></li> <li>• Mr. Brown noted that the goal of attaining 30 net new members for the year was achieved last quarter, but since that meeting, the organization had lost 4 WGQ memberships and only gained 1 WEQ membership. The participants discussed the net loss and noted that two of the membership losses were due to company consolidations.</li> </ul>  |
| Update on DSM/EE Membership Activity                          | <ul style="list-style-type: none"> <li>• Mr. Brown stated that he and Mr. Koogler gave a NAESB membership pitch at the last DSM/EE meeting. Ms. Kiselewich suggested that the group identify the most active non-members involved in the effort and contact them directly concerning membership.</li> <li>• Ms. Rager undertook to create a spreadsheet of the frequent non-member participants so that Ms. Kiselewich and Mr. Brown could identify the participants they wish to contact. Mr. Brown stated that once a contact list is developed, a letter informing the participants of the benefits of membership could be distributed before making a follow up phone calls.</li> <li>• Mr. Novak suggested that the letter highlight the importance of maintaining the DSM/EE standards once they are developed.</li> </ul> |
| Update on Correlating Membership Reminders with Budget Cycles | <ul style="list-style-type: none"> <li>• The participants discussed the importance of correlating membership reminders with the budget cycles of the members. Mr. True suggested that Ms. McQuade send a line item reminder of the NAESB membership fees in July, followed by a reminder letter in September listing the benefits of membership. Mr. Smead recommended the group also focus on informing the current members of the benefits of multi-quadrant membership. Mr. Brown suggested that a list of multi-quadrant prospects be developed.</li> </ul>  |
| Open Board Seats  | <ul style="list-style-type: none"> <li>• Mr. Brown noted that there is a lot of opportunity for leadership at the retail level, especially given the at-large seats. He stated that the group should focus on this when discussing membership with potential members, as it is a real selling point.</li> </ul>  |



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### December 13, 2007 Notes for the NAESB Resources Committee Meeting

- Targets for 2008
- Mr. Koogler stated that he and Ms. McQuade met with Commissioners Kerr and Ervin and they suggested that a NAESB representative be included on the agenda for future NARUC meetings. Mr. Brown stated that a NAESB representative should also be attending WECC and APPA meetings during 2008. The participants discussed the potential for membership in the WECC due to expansion. Mr. True suggested that the group also include Alcoa in Indiana to the prospect list. Mr. Brown suggested that the members continue to develop leads and bring them in during 2008.
- Adjournment
- The meeting was adjourned at 9:35 am Central

### Attendance

Name	Organization	Attendance
Jonathan Booe	NAESB	In Person
Scott Brown	Exelon Corporation	In Person
David Huffman	NAESB	In Person
Ruth Kiselewich	BG&E	In Person
David Koogler	Dominion	In Person
Mike Novak	National Fuel	In Person
Denise Rager	NAESB	In Person
Charles Severance	WPSA	In Person
Rick Smead	Navigant	In Person
Veronica Thomason	NAESB	Phone
Roy True	Aces Power	In Person
Charles Yeung	Southwest Power Pool	In Person

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March 15, 2008

**TO:** NAESB Resources committee  
**FROM:** Rae McQuade, NAESB President and COO  
**RE:** Membership Analysis, Vacancies on the Board and EC, Membership Prospects – Revised March 15, 2008

---

via email

Dear NAESB Resources Committee:

This report has several parts, all of which should provide information to support the committee as it determines actions to take to solicit participation and membership in NAESB. We truly appreciate your efforts in helping grow our organization --

Best Regards,

*Rae*

Enclosures: (1) Resources Committee Roster  
(2) Membership Prospects: (a) short-term, (b) wind generators, (c) groups, (d) long-term.  
(3) New Members in 2006, 2007, and 2008  
(4) Member Resignations in 2006, 2007, and 2008  
(5) Vacancies on the Board and Executive Committee  
(6) Membership Roster Sorted by Company



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Attachment 1

### North American Energy Standards Board Board Resources Committee Roster

Quadrant	Contact and Company	Phone	Email
WEQ	Jeff Ackerman, Western Area Power Administration	970-240-6209	<a href="mailto:ackerman@wapa.gov">ackerman@wapa.gov</a>
RGQ	Bill Bourbonnais, WPS Resources Corporation	920-433-1573	<a href="mailto:wbourbo@wpsr.com">wbourbo@wpsr.com</a>
WEQ	Scott Brown, Exelon Corporation	202-347-8096	<a href="mailto:scott.brown@exeloncorp.com">scott.brown@exeloncorp.com</a>
WEQ	Michael Desselle, Southwest Power Pool	501-614-3206	<a href="mailto:mddesselle@spp.org">mddesselle@spp.org</a>
WEQ	Bruce Ellsworth, New York State Reliability Council	603-746-3447	<a href="mailto:ellsworth@conket.com">ellsworth@conket.com</a>
WEQ	Mike Grim, TXU Business Services	214-812-6262	<a href="mailto:mike.grim@txu.com">mike.grim@txu.com</a>
WEQ	Leonard Haynes, Southern Company	404-506-4777	<a href="mailto:ljhaynes@southernco.com">ljhaynes@southernco.com</a>
WGQ	Bill Hebenstreit, Cheniere Marketing, Inc.	832- 518-4629	<a href="mailto:bhebenstreit@cheniere.com">bhebenstreit@cheniere.com</a>
REQ	Ruth Kiselewich, Baltimore Gas & Electric	410-470-1361	<a href="mailto:ruth.c.kiselewich@bge.com">ruth.c.kiselewich@bge.com</a>
REQ	David Koogler, Dominion Virginia Power	804-771-3429	<a href="mailto:David_koogler@dom.com">David_koogler@dom.com</a>
WEQ	Ron Mucci, Williams Power Company	918-573-8728	<a href="mailto:ron.m.mucci@williams.com">ron.m.mucci@williams.com</a>
WGQ	Mike Novak, National Fuel Gas Distribution	716-857-7884	<a href="mailto:novakm@natfuel.com">novakm@natfuel.com</a>
WGQ	Jim Templeton, Comprehensive Energy Services	713-759-6999	<a href="mailto:jtemplton@aol.com">jtemplton@aol.com</a>
WEQ	Roy True, Aces Power Marketing	317-344-7203	<a href="mailto:royt@acespower.com">royt@acespower.com</a>



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Attachment 2a

### NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects	Source	Contact/Notes	Assignment
AARP			S. Brown, J. Ackerman
Ace Energy Company, Inc.	office	Bob Boyle – sent packet 9/25/07 placed follow up call 10/18/07 LVM	D. Rager
APX, Inc.	R. Schwermann	Tony Frontino – sent membership info via email 10/3/07. Sent follow-up 2/12/2008 no reply to date.	D. Rager
<b>AREVA T&amp;D</b>	<b>office</b>	<b>Avnaesh Jayantilal – HOME PAGE ACCESS</b>	D. Rager
Bear Energy LP	D. Gussow	Paul Posoli – sent packet as requested 7/19/07 – follow up 10/18/07 no reply	D. Rager
Brown McCarroll, LLP	R. McQuade	Kathleen E. Magruder – sent membership information 10/18/07; returned email 10/18/07 will talk with management	D. Rager
Constellation Energy	office	Mr. John Cory – called office requesting membership information. 2 packets mailed on 3/21/07 – follow up 10/18/07 - LVM	D. Rager
Constellation NewEnergy	K. Wall	Meredith Miller – sent membership info 12/3/07 via email. – reply 12/4/07 with question – responded 12/5/07. 3/10/2008 still has not made a decision concerning membership.	D. Rager
Converge			S. Brown, R. True
CURRENT Group, LLC	M. Novak	James Bolin – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Devon Energy		Bill Green. John Bretz of Anadarko, has offered to follow up.	B. Hebenstreit
Elster Integrated Solutions	M. Novak	Scott DeBroff – sent packet 2/12/2008 – replied with response Elster not interested at this time. He represents a number of other	D. Rager



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Attachment 2a

### NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects	Source	Contact/Notes	Assignment
		meter/meter technology companies – one may be interested in joining. Sent follow-up email 3/10/2008 no reply to date.	
Energy Curtailment Specialist, Inc.	M. Novak	B. Marie Pieniazek – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Energy South Services, Inc.	D. Gussow	Todd Brown – sent packet as requested 7/24/07 – follow-up 10/18/07 no reply	D. Rager
EnerNOC, Inc.	M. Novak	Garrett Bissell – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Enerwise			S. Brown, R. True
ENI Petroleum US LOC	D. Gussow	Robert R. White – sent packet as requested 7/24/07 – follow up 10/18/07 no reply	D. Rager
Hexagram, Inc.	M. Novak	Ben Boyd – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Itron	M. Novak	Richard Creegan – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
New Era Energy, Inc.	M. Edwards	Jack Greenhalgh, relationship with SAIC may be interested in joining.	M. Edwards
TIEC			E. Overtree
UIL Holding Corporation -- Connecticut Power and Light	office	Jim Torgerson, Rae has contacted regarding membership – will probably join by yearend.	R. McQuade
Virginia Citizens Consumer Council	office	Irene Leech, <u>Initial contact was Dave Koogler</u> . Possible interest in membership. Material sent.	D. Rager, D. Koogler will follow up on this lead



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Attachment 2b

### NAESB Membership Prospects – Wind Generators

Membership Prospects	Source	Contact/Notes	Assignment
Acciona	Resource Committee		S. Brown, R. McQuade, M. Desselle
American Wind Energy Assoc.			R. McQuade, M. Desselle
Horizon	Resource Committee		S. Brown, R. McQuade, M. Desselle
Iberdola	Resource Committee		S. Brown, R. McQuade, M. Desselle
John Deere Wind	Resource Committee		R. True



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Attachment 2c

### NAESB Membership Prospects – Groups

Membership Prospects	Source	Contact/Notes	Assignment
End Users	Resources Committee	Should hold meetings with John Anderson for ideas after we begin the sessions for ISOs and RTOs.	S Brown/M Desselle
ISOs and RTOs (ISO-NE, NYISO, AESO, IESO, CAISO, PJM)	Board action	Letter sent in April asking for membership and participation. They responded in June with interest. We have set up a meeting to discuss participation and membership on August 24 in Washington, D.C.	S Brown/M Desselle
California ISO (CASIO) – Contact: Yakout Mansour		<b>Has Joined – February 2007</b>	
Independent Electricity System Operator (IESO) – Contacts: Ron Falsetti and David Short		<b>Has Joined – March 2007</b>	
New York Independent System Operator, Inc. (NYISO) – Contacts: Michael Calimano and Mark S. Lynch		<b>Has Joined – February 2007</b>	
TranServ International, Inc. – Contact: Kevin Burns		<b>Has Joined – February 2007</b>	
PJM Interconnection – Contact: Alicia Daugherty		<b>Has Joined – March 2007</b>	
Alberta Electric System Operator – Contact: Diana Pommen		<b>Has Joined – March 2007</b>	
ISO New England, Inc. – Contact: Matthew F. Goldberg		<b>Has Joined – March 2007</b>	
Munis and Coops	Resources Committee	R. True will approach APPA and NRECA about opportunities to speak about NAESB to raise awareness and increase interest in membership. Mr. True followed up with APPA but will provide the NAESB office with a more up to date calendar prior of APPA events prior to the next meeting.	R. True
Western Groups - WECC	Resources Committee	Conference call held with J Ackerman, B Schwermann, M Wells and L Westerfield. Meeting held on October 27 to speak to them about NAESB.	S Brown/M Desselle/R. McQuade





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Attachment 2d

### NAESB Membership Prospects – Long Term

Membership Prospects	Source	Contact/Notes	Assignment
AES Corporation - Indianapolis Power & Light Company	EEI - EPSA		
Alaska Energy and Resources Company	EEI		
ALLETE - Minnesota Power - Superior Water, Light and Power	EEI		
Alliant Energy Corporation - Interstate Power and Light Co - Wisconsin Power and Light Co	EEI		
Arizona Corporation Commission	NERC		
Avista Utilities	EEI		
Big Rivers Electric Corp.	NERC		
Black Hills Corporation - Black Hills Power	EEI		
<b>British Columbia Transmission Corporation</b>	<b>NERC</b>	<b>Has Joined</b>	
Central Vermont Public Service Corporation	EEI		
CH Energy Group, Inc. - Central Hudson Gas & Electric Corp	EEI		
Clarksdale Public Utilities Commission	NERC		
DPL Inc. - The Dayton Power and Light Company	EEI		
Duquesne Light Holdings - Duquesne Light Company	EEI		S. Brown
East Kentucky Power Coop.	NERC		
El Paso Electric Company	EEI		M. Desselle
Electric Energy, Inc.	EEI		
Electric Power Research Institute	NERC		
Electric Power Supply Association	NERC		
Farmington Electric Utility System	NERC		
Goldman Sachs & Co.	EPSA		S. Brown
Great Plains Energy, Inc. - Kansas City Power & Light Company	EEI		M. Desselle
Great River Energy	NERC		
GridAmerica LLC	NERC		
Hawaiian Electric Industries, Inc. - Hawaii Electric Light Co., Inc. - Maui Electric Co., Ltd.	EEI		
Huntsville Utilities	NERC		
InterGen	EPSA		
Kansas City Board of Public Utilities	NERC		
Manitoba Hydro	NERC		
MDU Resources Group, Inc. - Montana-Dakota Utilities Co.	EEI		



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Attachment 2d

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Membership Prospects	Source	Contact/Notes	Assignment
MGE Energy, Inc. - Madison Gas and Electric Co.	EEI		
Missouri Office of Public Counsel	NERC		
Mt. Carmel Public Utility Company	EEI		
National Energy & Gas Transmission Inc.	EPSA		
National Energy Board	NERC		
Nebraska Public Power District	NERC		
Northeast Power Coordinating Council			M Desselle
Northern Star Generation Co. -- NSTAR	EPSA-EEI		
NorthWestern Corporation - NorthWestern Energy	EEI		
Nuclear Management Company, LLC	EEI		
<b>OGE Energy Corporation - OG&amp;E Electric Services</b>	<b>EEI - NERC</b>	<b>Has Joined</b>	M. Desselle
Ohio Public Utilities Commission	NERC		
Ohio Valley Electric Corporation	EEI		
Omaha Public Power District	NERC		
Ontario Energy Board	NERC		
Pennsylvania Public Utility Commission	NERC		
Pepco Holdings, Inc. - Pepco	EEI		
Pinnacle West Capital Corporation -- (APS)	EEI		
PNM Resources, Inc. - Public Service Co of New Mexico	EEI		
Praxair, Inc.	NERC		
Quebec Energy Board	NERC		
Shell Trading	EPSA		S. Brown
Sierra Pacific Resources - Nevada Power Company - Sierra Pacific Power Company	EEI		
Sithe Energies Inc.	EPSA		
Snohomish County PUD No.1	NERC		
Strategic Energy LLC	EPSA		
TECO Energy, Inc. - Tampa Electric Company	EEI		S. Brown
TNP Enterprises, Inc. - Texas-New Mexico Power Company	EEI		
TransAlta	NERC		
Trans-link			M Desselle
UIL Holdings Corporation - The United Illuminating Company	EEI		
UniSource Energy Corporation - Tucson Electric Power Company	EEI		



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NAESB Membership Prospects – Long Term

Membership Prospects	Source	Contact/Notes	Assignment
Utah Public Service Commission	NERC		
Vermont Electric Power Company, Inc.	EEI		
Westar Energy Inc.	EEI		M. Desselle
Wheelabrator Technologies Inc.	EPSA		
Wolf Creek Nuclear Operating Corporation	EEI		



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Attachment 3

### North American Energy Standards Board New Members since January 2006

Quadrant	Segment	Contact and Company	Reason Joined	Month Joined
WEQ	Generation	Allegheny Energy, Inc. – Terry Grabiak	Run for Board seat – Terri Grabiak	October
WGQ	LDC	American Public Gas Association (APGA) – Alonzo Weaver	Company participation	November
WEQ	Generation	California Department of Water Resources – William (Bill) Forsythe	Company participation	September
WGQ	Services	Cheniere LNG Marketing, Inc. - Mark Stubbe and Tammy Miller	Stan Horton, new marketing company	February
WGQ	Services	Citigroup Energy, Inc. – Carrie Southard and Angela Davis	Access to Standards, Models and Contracts	October
WEQ	Marketer/Broker	Coral Power, LLC - Robert Reilley	Company participation	December
WGQ	Services	Coral Energy Resources, LP - Eric Gillaspie	Company participation	December
WEQ	Generation	Deseret Generation & Transmission Co-operative – Curtis Winterfeld	Barry Lawson, interest in NAESB WEQ Board seat	July
WGQ	Services	DTE Energy Trading, Inc. - Miki Kolobara	Company participation on the gas side	May
REQ	Distributor	Duke Energy Corp. – Dan Jones	Company participation	December
WEQ	Marketer/Broker	Electric Power Supply Association (EPSA) – Mark Bennett	Participation and run for Board seat	December
WEQ	Transmission	First Energy Service Company - Robert M. Martinko and Thomas C. Burgess	Participation	December
WGQ	End User	FPL Energy Power Marketing, Inc. – Michael Jessop	Access to Standards, Models and Contracts	September
WGQ	Services	Hess Corporation – Rebecca Batchelder	Company participation and access to standards and contracts	November
WEQ	Transmission	Hydro One Networks - Mark Graham	No reason given at this time	April
RGQ	Supplier	Interstate Gas Supply - Elizabeth Clothier	Company participation on the gas side	May
WGQ	Services	J.P. Morgan Ventures Energy Corp. – Ike Gibbs	Company participation and access to standards and contracts	September
WGQ	Services	Lehman Brothers Commodity Services Inc.- David Perlman	Company participation	December
WEQ	Generation	Lincoln Electric System – Douglas Bantam	Company participation	December
WGQ	Services	Macquarie Cook Energy, LLC - Angela Jones	No reason given at this time	May
WEQ	Marketer/Broker	MidAmerican Energy Company - Norman B. Stratton	No reason given at this time	August
WGQ	End User	Mirant Energy Trading, LLC - Laura Trautman	Scott Brown	April



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		and Nicole Daggs		
WGQ	Services	ONEOK - Patricia Anderson	Company participation on the gas side	May
WGQ	Services	Pemex Gas Y Petroquimica Basica - Juan Enrique Gonzalez Azuara	Rejoined after difficulties with accounting systems in Pemex	July
WEQ	Marketer	Powerex Corp. - Michael L. McWilliams	Access to Standards, Models and Contracts	May
WEQ	Generation	Reliant Energy Services – Gary A. Hinners	Access to Standards, Models and Contracts	October
WEQ	Marketer/Broker	Salt River Project Agricultural Improvement and Power District - Mark S. Mitchell	Participation and run for Board seat	December
WEQ	Transmission	Sierra Pacific Resources – Patricia Englin	No reason given at this time	November
WEQ	Transmission	South Carolina Electric & Gas Company - S. Porcher Stoney	Company participation on the electric side	January
WEQ	Marketer	South Carolina Electric & Gas Company	No reason given at this time	August
WEQ	Marketer	SUEZ Energy Marketing NA, Inc. - Ken Lackey and Cesar Seymour	Company needed access to documents	February
REQ	Distribution	TXU Electric Delivery - Tommy Weathersbee and Debbie McKeever	ERCOT references of NAESB and Debbie McKeever	January
WGQ	Services	Vega Energy Partners, Ltd. – Lori Leeder	Access to Standards, Models and Contracts	September

\*\* Membership dues not yet received.



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Quadrant	Segment	Contact and Company	Reason Joined	Month Joined
WEQ	IGO	Alberta Electric System Operator	Participation in new segment	March
RGQ	Services	Allegro Development – Kimberly Page	Participation.	January
WGQ	Pipeline	ANR Pipeline Company - Sandy Meyers	Participation.	January
WEQ	Marketer	APS Marketing and Trading	Participation	April
WGQ	End User	Arizona Public Service Company – Tom Carlson/Kelly Daly	Participation	November
WGQ	Services	Bentek Energy, LOC	Participation	December
WEQ	IGO	California ISO (CAISO) – Yakout Mansour	Participation in new segment.	February
WGQ	LDC	Colorado Springs Utilities – Joe M. Holmes	No reason given.	January
WGQ	Services	DB Energy Trading	Participation	August
WGQ	Pipeline	Houston Pipe Line Company LP – Jose Castrejana	Participation.	January
WEQ	IGO	Independent Electricity System Operator (IESO) – Ron Falsetti and David Short	Participation in new segment.	March
WEQ	IGO	ISO New England, Inc.	Participation in new segment	March
REQ	Services	ista North America	Participation	May
WEQ	Transmission	National Grid	Participation	April
WEQ	IGO	New York Independent System Operator, Inc. (NYISO) – Michael Calimano and Mark S. Lynch	Participation in new segment.	February
WGQ	Services	Nexen Marketing – Shelley Leavitt	No reason given.	January
WGQ	Pipeline	Northern Border Pipeline Company	Participation	August
WEQ	Transmission	Northwestern Corporation	No reason given.	May
WEQ	Marketer	NRG Energy, Inc.	Participation	September
WGQ	Pipeline	Ozark Gas Transmission, LOC	OGT joined NAESB because they are an interstate pipeline and FERC requires implementation of many NAESB standards in their tariff. OGT wanted the opportunity to know what was going on ahead of time and to comment and vote on standards. Plus the interchange of information between industry peers was attractive to them. No specific individual encouraged OGT to join.	August
WGQ	LDC	Peoples Gas Systems (A division of Tampa Electric Co.)	No reason given	June



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WEQ	IGO	PJM Interconnection	Participation in new segment	March
WEQ	Transmission	Portland General Electric	Participation	April
WEQ	Marketer	Public Service Company of New Mexico	Board participation	April
WGQ	Pipeline	Reliance Gas Transportation Infrastructure Limited	Access to standards and contracts	March
WEQ	Distribution	Seattle City Light	Participation	July
WEQ	Marketer	Sierra Pacific Resources	Decision to join was primarily driven by the FERC 890 initiatives, and our desire to keep abreast of the business practices.	July
WGQ	Services	SolArc, Inc.	Continued participation in NAESB and assisting clients	April
WGQ	End User	SUEZ Energy Marketing NA, Inc.	SEMNA wants to stay current with any new developments to the NAESB contract.	June
WEQ	End User	SunGard	Participation	July
WEQ	Marketer	Tampa Electric	Involvement in development of standards related to FERC Order 890	May
WEQ	IGO	TranServ International, Inc. – Kevin Burns	Participation in new segment	February
WGQ	Pipeline	Transwestern Pipeline Company – Blair V. Lichtenwalter, Mary Dramer, and David Mendoza	Company sold to Energy Transfer Partners, who did not operate any other interstate pipelines.	February
WEQ	Generation	Tri-State G&T Association, Inc.	No reason given	September
WEQ	Transmission	Tucson Electric Power Company	No reason given.	April
WGQ	Services	Virginia Power Energy Marketing, Inc. – Gregory V. Staton	No reason given.	February

\*\* Membership dues not yet received.



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Quadrant	Segment	Contact and Company	Reason Joined	Month Joined
WEQ	Transmission	British Columbia Transmission Corporation Contact: Janet Fraser	Participation	January
WEQ	Generation	Entegra Power Group, LLC Contact: Rebecca Turner	Participation	January
WGQ	Services	EnergySouth Midstream, Inc. Contact: Russell Murrell	Participation	January
WGQ	Producer	Foothills Energy Ventures, LLC Contact: Marty Patterson	Participation	January
WGQ	Services	OGE Energy Resources, Inc. Contact: Cary Metz	Participation	February
WEQ	Distribution	Public Power Council Contact: Nancy Baker	Participation	February
WEQ	Transmission	San Diego Gas & Electric Company Contact: Patricia vanMidde	Participation	January
WEQ	Transmission	Santee Cooper Contact: Tom Abrams	Participation	February
RGQ	Supplier	Vectren Retail, LOC Contact: Tami Wilson	Participation	January

\*\* Membership dues not yet received.





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Attachment 4

### North American Energy Standards Board Member Resignations in 2006

Quadrant	Segment	Contact and Company	Reason Resigned	Month Resigned
WEQ	Transmission	American Electric Power Service – John Stough	No reason given for non renewal.	December
WEQ	Generation	Aquila, Inc. – Tom Saitta	No response to request for payment 12/18/06.	December
WEQ	End User	Boeing Company, Steve LaFond	Consolidating multiple memberships	February
WEQ	Generation	Calpine Corporation, William Taylor/Jim Stanton	Shifting Priorities	May
REQ	Supplier	Calpine Energy Services, LP, Janet Dixon	Contact left, company no longer interested in renewing membership	October
WGQ	End User	Cinergy	Company merger with Duke	September
WGQ	End User	Cinergy – regulated, John Procaro	Company merger with Duke	March
WEQ	End User	Cinergy, John Procaro	Company merger with Duke	March
WGQ	Services	Cinergy Marketing and Trading, Maribeth Bedevian	Company merger with Duke	October
REQ	Distribution	Cinergy Services, Inc., Paul K. Jett	Company decision to not renew	October
WEQ	Generation	Consumers Energy Company	Interest covered by participation in WEQ, Distribution segment	September
REQ	End Users	Defense Energy Support Center, Lisa Robert	Company accounting, may rejoin in the future	November
RGQ	Supplier	Duke Energy Gas Transmission	Company merger with Cinergy	August
WEQ	Marketer	Duke Energy Americas, LOC (DEA), Walt Yeager	Company merger with Cinergy	October
WEQ	Marketer	DTE Energy, David G. Nick	Shifting Priorities	January
WGQ	Pipeline	Enbridge Offshore Pipelines, LLC, Chuck Cook and Neal Gerstandt	Will purchase documents as needed and understands copyright policy for access to standards for non-members	April
WEQ	Marketer	Entergy Services, Inc., James M. Smith	Budget Cuts	June
WEQ	Transmission	ITC Transmission, Jim D. Cyrulewski	No reason given for non renewal	November
WGQ	Producer	Kerr-McGee Oil and Gas Company	Company merger with Anadarko	October
WEQ	End User	Minneapolis Consulting Group, Mike Pritchett	Shifting Priorities	July
WEQ	Transmission	National Grid USA – Herbert Schrayshuen, Peter Flynn, Mary Ellen Paravalos	No reason given for non renewal.	December
WGQ	LDC	Nicor Gas, Mary Wolosek and Shirley Holmes	Cost savings initiative	December
WGQ	Services	NJR Energy Services Company, Ginger Richman	No reason given for non renewal	November
WEQ	Generation	Oglethorpe Power Corporation, Billy Ussery	Shifting Priorities	June



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WGQ	Services	Oxadel Consulting, LLC, Lyn Maddox	Changing positions	May
WGQ	Services	Pemex Gas Y Petroquimica Basica, Juan Enrique Gonzales Azuara	Accounting reorganization	June
WGQ	Pipeline	Portland General Electric, Kathy Davies	No reason given for non renewal	October
WGQ	Services	Powerex Corp., Sharole Tylor	Will participate under other membership help by Powerex	October
RGQ	Services	R.J. Rudden Associates, Inc., Richard J. Rudden/Don Sytsma,	Shifting Priorities	January
REQ	Distribution	Savannah Electric and Power Company, Osman Bholat	Shifting Priorities	April
WGQ	Services	SolArc Inc., Angie Brashears	Contact left, company not interested in renewing membership	October
WEQ	Transmission	Sunflower Electric Power Corporation, L. Earl Watkins	No reason given for non renewal	October
RGQ	Services	SunGard EnForm Consulting, David F. Pfeifer	Contact left, company not interested in renewing.	March
WGQ	Services	Telvent, William (Bill) Morrow	Company strategic direction has changed	October
WEQ	Marketer	UBS Energy LLC – Suzanne Calcagno	No response to request for payment 12/18/06.	December
RGQ	Distribution	Union Gas, Greg Tetreault	Company may consider rejoining next year	October



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### North American Energy Standards Board Member Resignations in 2007

Quadrant	Segment	Contact and Company	Reason Resigned	Month Resigned
WGQ	Services	American Electric Power Service Corporation	No reason given for non renewal	March
WGQ	LDC	American Public Gas Association	No reason given for non renewal	October
WGQ	End User	Arizona Public Service Company	No reason given for non renewal	March
WGQ	Pipeline	Bridgeline Gas Marketing	No reason given for non renewal	September
WGQ	Producer	Burlington Resources	Acquired by ConocoPhillips who is a member	March
WEQ	Generation	Dept. of Interior, U.S. Bureau of Reclamation – Dr. Karl Wunderlich	No reason given for non renewal	December
WEQ	End User	Electricity Consumers Resource Council – John Anderson and John Hughes		August
WGQ	LDC	Integrus Energy Services, Inc.	Consolidating Membership with Peoples gas Light and Coke Co.	November
WEQ	Transmission	Platte River Power Authority – Terry L. Baker	No reason given for non renewal.	February
RGQ	Distribution	Peoples Gas System – Rachel Gebhardt	Company contact no longer with company. They do not wish to continue membership.	March
WGQ	Pipeline	Texas Gas Transmission, LLC	Consolidating Membership to only Boarwalk Pipeline Partners, LP	November
WEQ	Transmission	TRANS-ELECT, Inc. – Paul D. McCoy	No reason given for non renewal.	January
WGQ	Services	Trinity Apex Solutions, Inc.	No reason given for non renewal	March



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### North American Energy Standards Board Member Resignations in 2008

Quadrant	Segment	Contact and Company	Reason Resigned	Month Resigned
RGQ	Supplier	Center Point Energy Minnegasco	Contact (Andrea Newman) left company – new contact Tracy Bridge did not want to renew	February
WEQ	Marketer/Broker	Conective Energy Supply, Inc.	Company decision to only keep “one” active membership	February
RGQ	Services	Energy Services Group, Inc.	Company decision to not renew due to resources	February
WEQ	Transmission	Florida Reliability Coordinating Council	No reason given for non renewal	January
WGQ	Pipeline	H S Resources, Inc.	No reason given for non renewal	February
WEQ	End User	Ohio Consumers Council	Company decision to not renew due to resources	February
RGQ	Distributor	Public Service Electric & Gas	No reason given for non renewal	February



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Attachment 5

North American Energy Standards Board March 15, 2008

Vacant Seats	Quadrant	Seat	Segment	Subsegment
15	Retail Electric	Board (9)	Supplier (4) End User (3) Service Providers (2)	
		Executive Committee (6)	End User (4) Services (1) Supplier (1)	
37	Retail Gas	Board (18)	Distribution (3) End User (6) Service Providers (3) Suppliers (6)	
		Executive Committee (19)	Distribution (2) End User (6) Service Providers (6) Suppliers (5)	
13	Wholesale Electric	Board (6)	Transmission (1) Generation (1) End User (4)	Fed/State/Prov. (1) Merchant (1) End Use ((Also in another segment)(1) Commercial/Residential (1) Large Industrial (2)
		Executive Committee (7)	End User (5) Generation (1) Marketers/Brokers (1)	Large Industrial (at large) (1) End Use – Self Generation (at large) (1) Commercial/Residential (at large) (1) End Use (In other segments) (at large) (1) Large Industrial (1) Merchant (1) IOU (1)
0	Wholesale Gas	Board (0) Executive Committee (0)		



## North American Energy Standards Board

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Attachment 6

### North American Energy Standards Board Membership as of March 15, 2008

Member Company	Quadrant	Segment	Contact
8760	WGQ	s	Jim Buccigross
ACES Power Marketing LLC	WEQ	m	Roy J. True
AGL Resources Inc.	RGQ	d	Katrina Bond
Alabama Electric Cooperative, Inc.	WEQ	d	William Ronald Graham
Alabama Power	REQ	d	Judy W. Ray
Alberta Electric System Operator	WEQ	i	Diana Pommen
Allegheny Energy, Inc.	WEQ	t	Terri Grabiak
Allegro Development	RGQ	s	Kimberly Page
Alliance Pipeline LP	WGQ	pl	Jim Goldman
Ameren Corporation	WGQ	l	Scott Glaeser
Ameren Services	WEQ	m	Shawn Schukar
Ameren Services Company	REQ	d	Patrick Eynon
American Electric Power Service Corp.	WEQ	m	Barbara Radous, Joseph Hartsoe, Phil Cox
American Municipal Power - Ohio, Inc.	WEQ	d	Mack Thompson, Chris Norton
American Public Gas Association (APGA)	RGQ	d	Alonzo Weaver, Joe Stengel
American Public Power Association	WEQ	d	Allen Mosher
American Transmission Company LLC	WEQ	t	Julie Voeck
Anadarko Energy Services Company	WGQ	s	John Bretz
ANR Pipeline Company	WGQ	pl	Sandy Meyers
Apache Corporation	WGQ	pr	Kelley Powell
APS Marketing and Trading	WEQ	m	Steve Norris
Arizona Public Service Company	WEQ	t	Mark W. Hackney
Arizona Public Service Company	WGQ	e	Tom Carlson, Kelly Daly
Atmos Energy	WGQ	pl	Steve Easley
Ballard Natural Gas, LLC	WGQ	s	Susan Thibodeaux
Baltimore Gas & Electric Co.	REQ	d	Ruth Kiselewich
Baltimore Gas & Electric Co.	WGQ	l	Phil Precht
Baltimore Gas & Electric Company	RGQ	d	Phil Precht
Barclays Bank PLC	WGQ	s	Guy Kern-Martin
Basin Electric Power Cooperative	WEQ	g	Jason Doerr
Basin Electric Power Cooperative	WEQ	m	David Raatz
Basin Electric Power Cooperative	WEQ	t	Dan Klempel
Bentek Energy, LLC	WGQ	s	E. Russell Braziel
BG Energy Merchants, LLC	WGQ	s	Martha Braddy



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Boardwalk Pipeline Partners, LP	WGQ	pl	Randy Young, Mitch Whitehead
Boeing Company	WGQ	e	Tina Burnett
Bonneville Power Administration	WEQ	d	Sydney D. Berwager
Bonneville Power Administration	WEQ	g	Fran Halpin
Bonneville Power Administration	WEQ	m	Brenda Anderson
Bonneville Power Administration	WEQ	t	Barbara Rehman
BP America, Inc.	WEQ	e	Jeanne Zaiontz
BP Energy	WGQ	pr	Bill Benham, Rhonda Denton
British Columbia Transmission Corporation	WEQ	t	Janet Fraser
California Department of Water Resources	WEQ	g	William (Bill) Forsythe
California ISO	WEQ	i	Yakout Mansour
Calpine Energy Services, LP	WGQ	e	Shonnie Daniel, Craig Chancellor
Cargill Incorporated	WGQ	s	Kathy Gerken
Carolina Gas Transmission Corporation	WGQ	pl	Ryan Leahy
Cascade Natural Gas Corporation	WGQ	l	Mark Sellers-Vaughn
CenterPoint Energy Gas Services, Inc.	WGQ	s	James G. Beste, Laurie A. Rutherford
CenterPoint Energy Gas Transmission Company	WGQ	pl	Larry Thomas
CenterPoint Energy Mississippi River Transmission Corp.	WGQ	pl	Robert Trost
Central Electric Power Cooperative	WEQ	d	Arthur Fusco
Chandeleur Pipe Line Company	WGQ	pl	Janice E. Rogers
Cheniere Marketing, Inc.	WGQ	s	Mark Stubbe, Tammy Miller
Chevron Natural Gas	WGQ	pr	Charles (Chuck) Cook
ChevronTexaco Energy Research and Technology	WEQ	e	Carol Guthrie
Cimarex Energy Co	WGQ	pr	Charlotte Baker
Citigroup Energy Inc.	WGQ	s	Carrie Southard, Angela Davis
Cleco Power, LLC	WEQ	t	Cindy Guillot
Colorado Springs Utilities	WGQ	l	Joe M. Holmes
Columbia Gas Transmission	WGQ	pl	Carl Levander
Commerce Energy Group	RGQ	s	Greg Lander
Comprehensive Energy Services	WEQ	e	Jim Templeton
Comprehensive Energy Services	WGQ	e	Jim Templeton
Conectiv Energy Supply, Inc.	WEQ	g	Gloria Ogenyi
ConocoPhillips Gas and Power	WGQ	pr	Peter Frost
Consolidated Edison Company of NY	REQ	d	Hollis Krieger
Consolidated Edison Company of NY	WGQ	l	Scott Butler, Paul Olmsted
Consolidated Edison Company of NY, Inc.	WEQ	t	Scott Butler
Constellation Energy	WEQ	g	Michael Gildea
Constellation Energy Commodities Group, Inc.	WGQ	s	Lisa Simpkins
Constellation NewEnergy, Inc.	REQ	su	Janson Pollock
Consumers Energy Company	WEQ	d	Andrew C. Dotterweich, Frank Johnson
Coral Energy Resources, LP	WGQ	s	Eric Gillaspie
Coral Power, LLC	WEQ	m	Robert Reilly, Paul Kerr

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Dairyland Power Cooperative	WEQ	t	Chuck Callies
Dauphin Island Gathering Partners	WGQ	pl	Katie Rice
DB Energy Trading	WGQ	s	William Donnelly, Travis McCullough
Defense Energy Support Center	WGQ	e	Veronica Jones, Kevin Ahern
Department of Energy	WGQ	e	Christopher Freitas
Deseret Generation & Transmission Co-operative	WEQ	g	Curtis Winterfeld
Direct Energy Business Services	REQ	su	David Booty
Dominion Energy Marketing, Inc.	WEQ	g	Lou Oberski, Jalal Babik
Dominion Exploration and Production, Inc.	WGQ	pr	David Ogden, Sheri Heslington, Gary Weaver
Dominion Resources (Previously CNG)	WGQ	l	Craig Columbo
Dominion Retail	REQ	su	William Barkas, Richard Zelenko
Dominion Retail, Inc.	RGQ	su	Richard A. Zollars
Dominion Transmission, Inc.	WGQ	pl	Gary Sypolt, Iris King
Dominion Virginia Power	REQ	d	David F. Koogler, Mary Edwards
DTE Energy Trading, Inc.	WGQ	s	Miki Kolobara
Duke Energy Americas, LLC (DEA)	WEQ	g	Walt Yeager
Duke Energy Corp.	RGQ	d	Dan Jones
Duke Energy Corp.	WEQ	d	Alan Pritchard
Dynegy Power Marketing, Inc.	WEQ	g	Barry Huddleston
EC Power International	REQ	s	Judy Bailey, J. Cade Burks, Jennifer Teel
Edison Electric Institute	WEQ	n	David Owens, Dave Dworzak, James P. Fama
Edison Mission Marketing & Trade, Inc.	WEQ	g	William Roberts
El Paso Exploration & Production Company	WGQ	pr	Susan Lum
El Paso Natural Gas	WGQ	pl	William Griffith
Electric Power Supply Association	WEQ	m	Jack Cashin
Electric Reliability Council of Texas (ERCOT)	REQ	s	Ray Giuliani, Susan Munson
Electric Reliability Council of Texas (ERCOT)	WEQ	i	Ray Giuliani, Bill Blevins
ElectriCities of North Carolina	WEQ	g	Gregory Locke
Empire District Electric Company, The	WEQ	t	Bary K. Warren
Enbridge Energy Company Inc	WGQ	pl	Terry McGill
EnCana Corporation	WGQ	pr	Keith Sappenfield
EnCana Marketing (USA) Inc.	WGQ	s	Keith Sappenfield
Energy East Management Corporation	WEQ	t	Marjorie Perlman
Energy East Management Corporation	WGQ	l	Marjorie Perlman
EnergySouth Midstream, Inc.	WGQ	s	Russell Murrell
Entegra Power Group, LLC	WEQ	g	Rebecca Turner
Entergy Services, Inc.	WEQ	t	Edward J. Davis, Narinder Saini
Entergy Services, Inc.	WGQ	e	Laura Berryman, Terry Shields
Enterprise Products Partners, LP	WGQ	pl	Richard W. Porter
Equitable Gas Company	WGQ	l	Steve Rafferty
Exelon Corporation - PECO Energy	WEQ	d	John McCawley
Exelon Energy	RGQ	su	Sheree M. Petrone





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Exelon Energy Delivery	REQ	d	Toni Garza
Exelon Generation - Power Team	WEQ	m	Jack Crowley
ExxonMobil Gas Marketing	WEQ	e	Mark Schanzer
ExxonMobil Gas Marketing	WGQ	pr	Richard Smith
First Energy Service Company	WEQ	d	Robert M. Martinko, Thomas C. Burgess
FirstEnergy Solutions Corp.	WEQ	m	Mark Travaglianti
Florida Municipal Power Agency	WEQ	d	Steven H. McElhaney
Florida Municipal Power Agency	WEQ	g	Robert C. Williams
Florida Power & Light Company	WEQ	m	Gerry Yupp, Tim Gerrish
Florida Power & Light Company	WEQ	t	Marty Mennes
Florida Power & Light Company	WGQ	e	Dona Gussow
Florida Reliability Coordinating Council	WGQ	e	Ken Wiley
Foothills Energy Ventures, LOC	WGQ	pr	Marty Patterson
FPL Energy Power Marketing, Inc.	WGQ	e	Michael Jessop
Gas Transmission Northwest Corporation	WGQ	pl	Jay Story
Georgia Transmission Corporation	WEQ	t	Patrick McGovern
Great Lakes Gas Transmission	WGQ	pl	Gene Fava
Group 8760	WGQ	s	Jim Buccigross
Gulf Power Company	REQ	d	Joel Thomas Kilgore
Hess Corporation	WGQ	s	Rebecca Batchelder
Houston Pipe Line Company LP	WGQ	pl	Josie Castrejana
Hydro - Quebec Transenergie	WEQ	t	Victor Bissonnette
Hydro One Networks	WEQ	t	Mark Graham
Idaho Power Company	WEQ	t	Tessia Park
Imperial Irrigation District	WEQ	m	Kim M. Kiener, Frank M. Barbera
Imperial Irrigation District	WEQ	t	Juan Carlos Sandoval, Javier Esparza
Imperial Irrigation District	WGQ	e	William Rapp
Independent Electricity System Operator (IESO)	WEQ	i	Ron Falsetti, David Short
Indiana Municipal Power Agency	WEQ	g	Dick Foltz
Indiana Office of Utility Consumer Counselor	RGQ	e	Matthew Parsell
Integrays Energy Group, Inc.	RGQ	d	William Bourbonnais, Ken Thiry, Les Nishida
Integrays Energy Group, Inc.	WGQ	l	David E. Wear
Integrays Energy Services, Inc.	REQ	d	Dennis Derricks, Les Nishida, Ken Thiry
Integrays Energy Services, Inc.	WEQ	g	William Bourbonnais, Charles W. Severance, Neal Balu
International LNG Alliance	RGQ	s	David Sweet
Interstate Gas Supply	RGQ	su	Elizabeth Clothier
Iroquois Gas Transmission System	WGQ	pl	Tom Gwilliam
ISO New England, Inc.	WEQ	i	Matthew F. Goldberg
ista North America	REQ	s	Charles Porter
J. P. Morgan Ventures Energy Corp.	WGQ	s	Ike Gibbs
Kern River Gas Transmission Company	WGQ	pl	Brenda Horton



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KeySpan Energy	WGQ	l	Dolores Chezar
Laclede Gas Co.	WGQ	l	Kenneth Neises
Latitude Technologies	RGQ	s	Leigh Spangler
Latitude Technologies	WGQ	s	Leigh Spangler
Lehman Brothers Commodity Services Inc.	WGQ	s	David Perlman
Lincoln Electric System	WEQ	g	Douglas Bantam
Louis Dreyfus Energy Services L.P.	WGQ	s	Mary Ellen Bell, Ruby Melton
Lower Colorado River Authority	WGQ	e	Mickey Bell
Luminant	WEQ	m	Mike Grim
Macquarie Cook Energy, LLC	WGQ	s	Angela Jones
Marathon Oil Company	WGQ	pr	Robin Perrine
Maryland People's Council	WEQ	e	Seva Diakoparaskevas
Mewbourne Oil Company	WGQ	pr	Michael F. Shepard
Michigan Electric Transmission Company LLC	WEQ	t	Charles V. Waits
Michigan Public Power Agency	WEQ	d	James R. Nickel, Daniel E. Cooper
MidAmerican Energy	REQ	d	James E. Wilson
MidAmerican Energy Company	WEQ	m	Norman B. Stratton
Midwest Independent Transmission System Operator	WEQ	i	Bill Phillips, Ed Skiba
Midwest Reliability Organization	WEQ	t	Shel Berg
Mirant Energy Trading, LOC	WGQ	e	Laura Trautman, John F. Hogan
Mississippi Power Company	REQ	d	Dorman Davis
Missouri River Energy Services	WEQ	d	Brian Zavesky
Modesto Irrigation District	WEQ	t	Roger Van Hoy
National Association of Regulatory Utility Commissioners	WEQ	e	Lou Ann Westerfield
National Fuel Gas Distribution	WGQ	l	Michael Novak
National Fuel Gas Distribution Corporation	RGQ	d	Mike Novak
National Fuel Gas Supply Corp.	WGQ	pl	Joseph Kardas
National Grid	WEQ	t	Edward M. Kremzier
National Grid USA	WGQ	l	Bruce Garcy
National Rural Electric Cooperative Assoc.	WEQ	d	Barry Lawson
Natural Gas Pipeline Co of America	WGQ	pl	Paul Love
Navigant Consulting, Inc.	WEQ	m	Richard G. Smead
New Jersey Natural Gas Company	WGQ	l	Douglas C. Rudd
New York Independent System Operator	WEQ	i	Rana Mukerji
New York State Dept. of Public Service	WEQ	e	William Heinrich
New York State Reliability Council	WEQ	d	P. Donald Raymond
Nexen Marketing	WGQ	s	Shelley Leavitt
Niagara Mohawk	RGQ	d	James Dillon
NiSource Inc.	WGQ	l	George Simmons
North American Electric Reliability Corporation (NERC)	WEQ	d	Donald M. Benjamin, Larry Kezele, Tom Vandervort
North Carolina Electric Membership Corporation	WEQ	d	David Beam



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North Carolina Electric Municipal Power Agency #1	WEQ	d	Matt Schull
North Carolina Electric Municipal Power Agency #1	WEQ	m	Clay A. Norris
Northeast Utilities Service Company	WEQ	t	David Boguslawski, Calvin A. Bowie
Northern Border Pipeline Company	WGQ	pl	Scott Coburn
Northern Indiana Public Service Company (NiSource)	RGQ	d	George Simmons
Northern Natural Gas	WGQ	pl	Mary Darveaux
Northwest Natural Gas Company	WGQ	l	Randolph Friedman
Northwestern Corporation	WEQ	t	Mike Cashell
NOVA Gas Transmission Ltd.	WGQ	pl	Doug Miller
NRG Energy, Inc.	WEQ	g	Jennifer J. Vosburg, Alan Johnson
OCE Energy Resources, Inc.	WGQ	s	Cary Metz
Office of Public Advocate, State of Maine	REQ	e	Richard Davies
Ohio Consumers Council	REQ	e	Wilson Gonzalez
Ohio Consumers Council	RGQ	e	Bruce M. Hayes
Oncor	REQ	d	Larry Williford, Debbie McKeever
Oncor	WEQ	t	Debbie McKeever
ONEOK	WGQ	l	Richard Tangeman
ONEOK Partners GP, LLC	WGQ	pl	Teri Tingler
Ontario Power Generation	WEQ	g	Colin Anderson, David Barr
Open Access Technology International, Inc.	WEQ	e	Michehl Gent
Open Access Technology International, Inc.	WEQ	t	Paul R. Sorenson
Otter Tail Power Company	WEQ	t	Daryl Hanson, Larry Larson
Ozark Gas Transmission, LLC	WGQ	pl	David A. Harrell
Pacific Gas & Electric	WGQ	l	John Breen, Don Petersen
PacifiCorp	WEQ	g	Greg Maxfield
PacifiCorp	WEQ	m	Edison G. Elizeh, John Apperson
PacifiCorp	WEQ	t	Brian Weber
Panhandle Eastern Pipe Line Co.	WGQ	pl	William Grygar, Kim Van Pelt
PECO Energy Co.	WGQ	l	Reed R. Horting, Amy Hamilton
Pemex Gas Y Petroquimica Basica	WGQ	s	Juan Enrique Gonzalez Azuara
Pennsylvania Office Of Consumer Advocate	REQ	e	Tanya J. McCloskey, Sonny A. Popowsky
Pennsylvania Office of Consumer Advocate	RGQ	e	Tanya J. McCloskey
Peoples Gas System (A division of Tampa Electric Co)	WGQ	l	Wraye Grimard
PHI Power Delivery	WEQ	t	Ken Gates
PJM Interconnection	WEQ	i	Patrick Brown
Platts	WGQ	s	Bill Murphy
Portland General Electric	WEQ	m	John Jamieson
Portland General Electric	WEQ	t	Frank Afranji
Portland Natural Gas Transmission System	WGQ	pl	David Haag
Powerex Corp.	WEQ	m	Michael L. McWilliams, Sharole Tylor
PPL Electric Utilities Corporation	WEQ	t	Ray Mammarella
PPL EnergyPlus, LLC	WGQ	e	Anne Lovett

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PPL Solutions, LLC	REQ	s	James M. Minneman
Progress Energy	WEQ	t	Nina M. McLaurin, Phillip W. Lewis
Progress Energy (regulated)	WEQ	m	James Eckelkamp
PSEG Energy Resources and Trade LLC	WEQ	m	James D. Hebson
PSEG Power LLC	WEQ	g	Thomas M. Piascik
Public Power Council	WEQ	d	Nancy Baker
Public Service Company of New Mexico	WEQ	m	Steven Maestas
Public Service Electric & Gas	REQ	d	Terrence Moran
Public Service Electric & Gas	WGQ	l	David Wohlfarth
Public Service Electric and Gas Company	WEQ	d	Jeffrey C. Mueller
Public Service Electric and Gas Company	WEQ	t	Kenneth D. Brown
Puget Sound Energy, Inc.	WEQ	t	George Marshall, Bob Harshbarger
Qualedi, Inc	WEQ	g	Stephen A. Morocco
Questar Pipeline Co.	WGQ	pl	Scott Hansen
Quorum Business Solutions Inc.	WGQ	s	Anne Golenternek, Michael Lewis
Reliance Gas Transportation Infrastructure Limited	WGQ	pl	Jagjit Yadav
Reliant Energy Services	WEQ	g	Gary A. Hinners
Sabine Pipe Line LLC	WGQ	pl	Jan Rogers
Sacramento Municipal Utility District	WEQ	d	Robert D. Schwermann
Sacramento Municipal Utility District	WEQ	g	TBA
Salt River Project Agricultural Improvement & Power District	WGQ	e	Lori-Lynn C. Pennock
Salt River Project Agricultural Improvement and Power District	WEQ	d	Wendy Weathers, Mark B. Bonsall
Salt River Project Agricultural Improvement and Power District	WEQ	m	Mark S. Mitchell
Salt River Project Agricultural Improvement and Power District	WEQ	t	Steve Cobb
San Diego Gas & Electric Company	WEQ	t	Patricia vanMidde
Santee Cooper	WEQ	t	Tom Abrams
Seattle City Light	WEQ	d	Marilynn Semro
Seminole Electric Cooperative, Inc.	WEQ	m	Steve Wallace
Sempra Energy - Southern California Gas Co.	WGQ	l	Lee Stewart, Rodger Schwecke
Sequent Energy Management, L.P.	WGQ	s	Pat Metteauer
Sierra Pacific Resources	WEQ	m	Sheryl Torrey
Sierra Pacific Resources	WEQ	t	Patricia Englin
SolArc, Inc.	WGQ	s	Chuck McClure
South Carolina Electric & Gas Company	WEQ	m	Kevin Spitzform
South Carolina Electric & Gas Company	WEQ	t	S. Porcher Stoney
Southeastern Power Administration	WEQ	g	Bob Goss
Southern California Edison	WEQ	t	Weston Williams
Southern California Edison Company	WEQ	g	Tracy Bibb
Southern California Edison Company	WGQ	e	Roman Bakke
Southern Company Services	REQ	s	Mark S. Jarrett



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Southern Company Services, Inc.	WEQ	d	Gary Rozier, Leonard Haynes, Greg Butrus
Southern Company Services, Inc.	WEQ	g	John Ciza
Southern Company Services, Inc.	WEQ	m	Joel Dison
Southern Company Services, Inc.	WEQ	t	R.D. (Dean) Ulch, John Lucas, JT Wood, James Y. Busbin
Southern Company Services, Inc.	WGQ	e	Alan Kilpatrick
Southern Natural Gas Co.	WGQ	pl	Renee Hyde, Tracey Nicholson
Southern Star Central Gas Pipeline	WGQ	pl	James L. Harder, Dale Sanders
Southwest Gas Corporation	WGQ	l	Larry Black
Southwest Power Pool	WEQ	i	Carl Monroe, Michael Desselle
Southwest Transmission Cooperative, Inc.	WEQ	t	Larry D. Huff
Southwestern Power Administration	WEQ	t	Tracey Stewart
Spectra Energy Transmission	WGQ	pl	Richard Kruse
Sprague Energy Corp.	RGQ	su	Nicole D. Spaur
Structure Group	REQ	s	Stacey Wood
SUEZ Energy Marketing NA, Inc.	WEQ	m	Ken Lackey, Cesar Seymour
SUEZ Energy Marketing NA, Inc.	WGQ	s	Shirley Tidor
Sungard	WEQ	e	Andrew Tritch
SunGard	WGQ	s	Lucia Nail
Systrends USA	RGQ	s	Dave Darnell
Tampa Electric Company	WEQ	m	Gail M. McKaig
Tenaska, Inc.	WEQ	g	Scott Helyer
Tennessee Gas Pipeline Company	WGQ	pl	Sue Barry, Mark Gracey
Tennessee Valley Authority	WEQ	d	Cindy Herron, Dianne H. Nunez
Tennessee Valley Authority	WEQ	g	Kathy York
Tennessee Valley Authority	WEQ	m	Clyde Harmon
Tennessee Valley Authority	WEQ	t	W. Terry Boston
Tennessee Valley Authority	WGQ	e	Valerie Crockett
Tiger Natural Gas	WGQ	s	Tracy Phillips
TransCanada Pipelines	WGQ	pl	Doug Miller
TranServ International, Inc.	WEQ	i	Kevin Burns
Transwestern Pipeline Company, LOC	WGQ	pl	B lair V. Lichtenwalter, Mary Dramer, David Mendoza
Tri-State G&T Association, Inc.	WEQ	g	Lisa Tiffin
Tri-State Generation and Transmission Association, Inc.	WEQ	t	Keith V. Carman
Tucson Electric Power Company	WEQ	t	Raquel Aguilar, Judy Fregoso, Ed Beck
TXU Energy Retail	REQ	su	Felecia Lokey
UBS Energy	RGQ	su	Suzanne Calcagno
UBS Energy	WGQ	s	Suzanne Calcagno
UGI Utilities, Inc.	RGQ	d	Paul Szykman
Vector Pipeline L.P.	WGQ	pl	Amy Bruhn
Vectren Retail, LLC	RGQ	su	Tami Wilson
Vermont Public Power Supply Authority	WEQ	g	William J. Gallagher



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Virginia Power Energy Marketing, Inc.	WGQ	s	Paul Pfeffer
Wal-Mart Stores, Inc.	REQ	e	Angela Beehler
Washington Gas Light Co.	WGQ	l	Adrian Chapman , Ken Yagelski
We Energies	WEQ	d	Linda Horn
We Energies	WEQ	g	James R. Keller
Western Area Power Administration	WEQ	m	Jeffrey Ackerman
Western Area Power Administration	WEQ	t	Mark Fidrych
Western Electricity Coordinating Council	WEQ	g	Michael L. Wells, Louise McCarren
Westfield Gas & Electric Light Dept.	WGQ	l	Joyce Bodak
Williams Gas Pipeline	WGQ	pl	Dale Davis
Williams Power Company	WEQ	g	Ron Mucci
Williston Basin Interstate Pipeline	WGQ	pl	Keith Tiggelaar
Wisconsin Public Power Inc.	WEQ	d	Mike Stuart
Xcel Energy	RGQ	d	Don Basler
Xcel Energy Inc.	WEQ	m	David Lemmons



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via email

**TO:** **Committee Members:** Sue Barry, Bill Bourbonnais, Jim Buccigross, Valerie Crockett, Michael Desselle, Leonard Haynes, Richard Kruse, Mike Novak, Lou Oberski, Keith Sappenfield, Jim Templeton

Posting on the NAESB Board of Directors Page ([http://www.naesb.org/WGQ/wgq\\_bod.asp](http://www.naesb.org/WGQ/wgq_bod.asp),  
[http://www.naesb.org/WEQ/weq\\_bod.asp](http://www.naesb.org/WEQ/weq_bod.asp) )

**FROM:** Rae McQuade

**RE:** Notes from Board Committee Meeting –March 11, 2008

**DATE:** March 12, 2008

Dear NAESB Board Committee Member and Interested Parties,

The notes below and work papers referenced serve as the record for the meeting held on March 11, 2008.

AGENDA TOPIC	RESULTS OF DISCUSSION												
Administrative:	The meeting began at 1:00 pm C, at the IAH Marriott in Houston, Texas. The roll was taken, participants were welcomed to the call, the agenda was approved without changes and the antitrust statement was given.												
Attendees:	<table border="0"> <tr> <td>Jim Templeton, Comprehensive Energy Services</td> <td>Leonard Haynes, Southern Company</td> </tr> <tr> <td>Lou Oberski, Dominion</td> <td>Michael Desselle, Southwest Power Pool</td> </tr> <tr> <td>Mike Novak, National Fuel Gas Distribution</td> <td>Richard Kruse, Spectra Energy Transmission</td> </tr> <tr> <td>Deonne Cunningham, NAESB</td> <td>Sue Barry, Tennessee Gas Pipeline</td> </tr> <tr> <td>Rae McQuade, NAESB</td> <td>Valerie Crockett, Tennessee Valley Authority</td> </tr> <tr> <td>Veronica Thomason, NAESB</td> <td></td> </tr> </table>	Jim Templeton, Comprehensive Energy Services	Leonard Haynes, Southern Company	Lou Oberski, Dominion	Michael Desselle, Southwest Power Pool	Mike Novak, National Fuel Gas Distribution	Richard Kruse, Spectra Energy Transmission	Deonne Cunningham, NAESB	Sue Barry, Tennessee Gas Pipeline	Rae McQuade, NAESB	Valerie Crockett, Tennessee Valley Authority	Veronica Thomason, NAESB	
Jim Templeton, Comprehensive Energy Services	Leonard Haynes, Southern Company												
Lou Oberski, Dominion	Michael Desselle, Southwest Power Pool												
Mike Novak, National Fuel Gas Distribution	Richard Kruse, Spectra Energy Transmission												
Deonne Cunningham, NAESB	Sue Barry, Tennessee Gas Pipeline												
Rae McQuade, NAESB	Valerie Crockett, Tennessee Valley Authority												
Veronica Thomason, NAESB													
Observers	<table border="0"> <tr> <td>Kim Van Pelt, Panhandle Eastern Pipe Line</td> <td>Mark Gracey, Tennessee Gas Pipeline</td> </tr> </table>	Kim Van Pelt, Panhandle Eastern Pipe Line	Mark Gracey, Tennessee Gas Pipeline										
Kim Van Pelt, Panhandle Eastern Pipe Line	Mark Gracey, Tennessee Gas Pipeline												
Agenda:	<ul style="list-style-type: none"> <li>• Administrative: Welcome to members and attendees, Antitrust Guidelines, Introductions, Adoption of Agenda</li> <li>• General Discussion of Issues</li> <li>• Possible Initial Formation of Recommendations to the Board</li> <li>• Next Steps, Adjourn</li> </ul>												
General Discussion of Issues	<ul style="list-style-type: none"> <li>• Michael Desselle opened the meeting, thanked everyone for attendance.</li> <li>• He explained that the purpose of the meeting was to address segment blocks at the Executive Committee level, the impact of those blocks on efficiency of the standards development process, and the possible influence the blocks could have on NAESB's credibility as a standards organization.</li> </ul>												



## North American Energy Standards Board

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AGENDA TOPIC	RESULTS OF DISCUSSION
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|---|--|
| <ul style="list-style-type: none"> <li>• As noted in Michael Desselle’s letter to the Kansas Corporation Commission, “single-segment blocks perform an important, but hopefully rarely used function in NAESB. They are intended as a fail-safe measure if a segment truly believes that its entire market segment would be unfairly disadvantaged or put at risk should a standard be adopted. In those cases, when a segment votes with less than 40% approval, the action is considered blocked. When a single segment blocks the approval of proposed standards, those blocks are first reported to the Board of Directors, who may suggest additional actions and reconsideration. After the Board action is exhausted, if the single-segment blocks remain, they are reported to the Federal Energy Regulatory Commission (FERC) along with all relevant documentation including comments and voting records. The FERC can then take any action it deems appropriate.”</li> <li>• Points made during the discussion of segment blocks included:               <ul style="list-style-type: none"> <li>• Single segment blocks are beginning to pose a problem that may impact membership. Members in segments within the more mature quadrants of the Organization are beginning to question whether they should even bring requests for standards development to NAESB. In order to standardize some best practices these members are beginning to weigh the question of submitting to the lengthy and frustrating standards development time that is more frequently resulting in single segment blocks with just proceeding directly to the FERC for action.</li> <li>• While NAESB and its predecessor GISB experienced segment blocks, the potential for blocking may have increased due to the difficult projects for standards development that are being presented to NAESB.</li> <li>• The threshold question of whether standards should be developed with given timelines for work product delivery can also delay or make the standards development process inefficient if NAESB does not receive direction from the FERC and corresponding deadlines from the FERC.</li> <li>• Some EC members who may not oppose a given standards development effort may react to pressure to maintain their positions on the EC, and thus vote against such development – resulting in a partisan environment.</li> <li>• If an EC member already provides the level of service indicated by a proposed standard, it is not clear why they would vote in opposition – particularly when it may lead to a segment block.</li> <li>• As EC members vote in opposition, they should clearly state the reasons for their opposition.</li> <li>• Representatives of segments with a high number of vacant EC seats may have undue influence in blocking. As an example, if only two of the seats are filled for a given segment, then only one of those representatives in opposition would cause the vote to fail – as the segment could not demonstrate a 40% minimum affirmative vote.</li> <li>• The two quadrants most likely to experience segment blocks are the wholesale gas and the wholesale electric quadrant.</li> <li>• There have been cases where a segment votes in opposition with little reason given for the vote.</li> </ul> </li> </ul> |  |
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AGENDA TOPIC	RESULTS OF DISCUSSION
	<ul style="list-style-type: none"> <li>• Points made during the discussion of subcommittee efforts that could lead to segment blocks at the EC were:               <ul style="list-style-type: none"> <li>• Subcommittees in development of standards should provide accurate factual and non-repetitive discussion.</li> <li>• Project timelines may be used to better manage the development process and provide a tool to the Board to ascertain progress.</li> <li>• Cost issues as a reason for opposition to standards development should be considered as cost recovery through filing rate cases is not always appropriate given that many other aspects of the tariff would be open for discussion in a rate filing. Moreover, filing rate cases would not be applicable to the pipelines now operating in a market based environment.</li> <li>• With deadlines comes urgency to produce a work product and to negotiate with other segments, thus minimizing the occurrence of segment blocks.</li> <li>• Facilitation of subcommittee meetings may be helpful in moving the process forward more efficiently when the standards development activities are expected to be controversial and have an expectation of a segment block.</li> <li>• Training of subcommittee leadership may be helpful as guidance on the tools and options that a subcommittee leader can employ to move the group towards an efficient development of work products.</li> <li>• Highlighting regulatory-driven standards activities from member-driven ones on the annual plans would indicate those development efforts with possible high visibility and possible controversy.</li> </ul> </li> <li>• To avoid the appearance of partisanship, segments who currently conduct their nominations and elections through their respective trade associations should consider turning over such elections to the NAESB office. Then NAESB can ensure that all such members are current in dues for a given quadrant and segment and that they have the opportunity to vote, and that only those members are permitted to vote in elections and that all eligible dues current members have an opportunity to be considered as candidate for open seats for the applicable segments.</li> </ul>
Summary of Conclusions and Actions to Be Taken	<ul style="list-style-type: none"> <li>• Under-represented EC segments within a quadrant should not be able to employ segment blocks. In discussion, it was determined that segments populated 50% or less should not be able to trigger a segment block.               <ul style="list-style-type: none"> <li>• Action: Propose changes to the bylaws and standard operating practices to reflect such a restriction. Discuss the proposed changes at the upcoming Board meeting and schedule the vote on the proposed changes for the June Board meeting.</li> </ul> </li> <li>• Segment blocks should be rare, minimized and not a part of a routinely used strategy for voting. If a segment block is inevitable, it should be determined quickly and processed quickly. Where segment blocks may occur due to the controversial nature of the standards development that may indicate unresolved policy issues, steps should be taken to expedite the definitive determination of a block or whether progress could be made through a variety of actions.               <ul style="list-style-type: none"> <li>• Action: To minimize segment block actions, the full Board will be notified via email when blocks may be expected to occur at the EC. Board members from the affected quadrant and segment would be expected to discuss and resolve, if possible, the expected segment block</li> </ul> </li> </ul>



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AGENDA TOPIC	RESULTS OF DISCUSSION
	<p>with their respective segment EC members prior to a vote taking place that may result in a block. The EC members would be reminded of the purpose of a segment block -- they are intended as a fail-safe measure if a segment truly believes that its entire market segment would be unfairly disadvantaged or put at risk should a standard be adopted. If a segment block is inevitable, action will have been expedited to bring attention to the full Board sooner in the process and eliminate the need for the full Board to take the step at its next regularly scheduled meeting of sending direction back to a quadrant for them to reconsider their blocking action.</p> <ul style="list-style-type: none"> <li>• For standards development activities where an EC segment block has been determined to be inevitable, then the process should be facilitated sooner than later. This can be accomplished by establishing timelines for resolution set by the EC leadership with related subcommittee leadership. The timelines should be reported at both the EC and Board meetings.</li> <li>• Action: Similarly, for controversial and high visibility projects where segment blocks may be expected to occur, timelines should be established at the outset for the entire project in more detail than just the date provided for the annual plan entry.</li> <li>• Action: On a case-by-case basis, the Managing Committee will determine whether facilitation might be needed to make the standards development effort more efficient in reaching a conclusion – either with standards developed or a report issued explaining why consensus is not achievable. Rae McQuade will discuss with Rick Miles.</li> <li>• Several action items were identified that can help streamline the process when the possibility of segment blocks might, or will, be present, including; providing input to the Board, providing training, supporting subcommittee leadership through facilitation, and requesting information from the FERC when policy issues or technical questions are outstanding.</li> <li>• Action: The annual plans will be revised to identify those development efforts that are initiated through regulatory action in order to highlight to the Board possible high visibility and controversial issues.</li> <li>• Action: Subcommittee leadership training can be held to provide subcommittee leadership with tips on how best to move groups forward. It was proposed that the training could be conducted during the next regularly scheduled series of quadrant EC meetings beginning on the afternoon of the retail EC meeting. In placing the training within the schedule of EC meetings, it is more likely to be accommodated through the schedules of the subcommittee leadership, who typically attend the EC meetings. Rae McQuade will arrange the training to be held.</li> <li>• Action: As noted above, on a case by case basis, the Managing Committee will determine whether facilitation is needed to make the standards development effort more efficient.</li> <li>• Action: Where questions on policy or technical matters are delaying actions in subcommittees, the NAESB office will work with subcommittee leadership and FERC staff to schedule a conference call for the leadership and staff to discuss such issues.</li> </ul>
Next Steps:	<ul style="list-style-type: none"> <li>• Draft redline bylaws and standard operating practices to reflect a restriction on segment blocking for segments of the EC that are under-represented and forward to this ad hoc Board committee for consideration.</li> <li>• Place an item for review of Board committee actions on the upcoming Board agenda.</li> <li>• Have discussion at the Board and at the EC to solicit feedback before presenting the Board with</li> </ul>



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AGENDA TOPIC	RESULTS OF DISCUSSION
	<p>any recommendations for approval.</p> <ul style="list-style-type: none"> <li>• Modify the annual plans to indicate those development efforts that are initiated through regulatory action.</li> <li>• Determine from INGAA and AGA if elections will continue to be held as administered by them with records maintained, or if such efforts will be transferred to NAESB. The election process for all other segments of each quadrant is currently administered by NAESB.</li> </ul>
Adjourn:	The meeting adjourned at 3:40 pm C.
Materials referenced in the meeting or in this notes:	<p>Agenda: <a href="http://www.naesb.org/pdf3/bd_segment_blocks_031108a.doc">http://www.naesb.org/pdf3/bd_segment_blocks_031108a.doc</a>            NAESB Certificate: <a href="http://www.naesb.org/pdf/naesbcert050503.pdf">http://www.naesb.org/pdf/naesbcert050503.pdf</a>            NAESB Bylaws: <a href="http://www.naesb.org/pdf/naesbbylaws.pdf">http://www.naesb.org/pdf/naesbbylaws.pdf</a>            NAESB Standard Operating Procedures: <a href="http://www.naesb.org/pdf/operating_procedures.pdf">http://www.naesb.org/pdf/operating_procedures.pdf</a>            NAESB Letter to the KCC: <a href="http://www.naesb.org/pdf3/wgq_bps_698_022608w8.pdf">http://www.naesb.org/pdf3/wgq_bps_698_022608w8.pdf</a></p>

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 5**

**UPDATES ON SPECIFIC STANDARDS DEVELOPMENT EFFORTS**

This section includes:

- eTariff status report (WGQ/WEQ)
- Order 890 status report (WEQ)
- Order 698 status report (WGQ)
- DSM-EE Efforts status report (Retail/WEQ)
- Gas Quality report (WGQ)

The material presented is background information for the discussion of agenda item 3. No action by the Board is expected. Board members may use this opportunity to give guidance to the Executive Committee.



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### NAESB UPDATE: eTARIFF SUMMARY AS OF MARCH 15, 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 end of February 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 MARCH 15, 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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### NAESB UPDATE: eTARIFF SUMMARY AS OF MARCH 15, 2008

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 hosted 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.
- **February 29, 2008:** The WEQ and WGQ Executive Committees met on February 29 to consider the comments submitted and vote out the recommendation on eTariff. Nine sets of comments were received, including comments from the chairs (Keith Sappenfield and Jane Daly). The WGQ and WEQ Executive Committees reviewed the [e-Tariff recommendation](#) and the [e-Tariff recommendation attachment](#). Comments were submitted on this recommendation from [the e-Tariff chairs](#), [Spectra Energy](#), [AOPL](#), [Dominion](#), [EEI](#), [ISO Group](#), [ISO New England Inc](#), [New England Participating Transmission Owners](#), and [PJM](#). Comments from Spectra Energy did amend the recommendation to provide information that was inadvertently omitted. Comments also included items that were discussed during the meetings, but determined to be issues not to be addressed at this time by NAESB. Joint shared filings remains an open issue, which was highlighted by several of the commenters. Other issues raised in the comments addressed timing of baseline filings, granularity of filed tariff sections and Order 614 reformation of headers and footers. The Association of Oil Pipelines comment suggested that FERC be the repository of regulation instead of NAESB because oil pipelines are not a part of NAESB. Dominion raised concerns on concerns were record management and business impact of electronic filings. A notational ballot was submitted to those EC members absent from the meeting. On March 4, it was determined that the motion to adopt the amended recommendation passed with no opposition (WGQ - all in favor with Energy East and FPL abstaining, and WEQ – all in favor with GA Transmission, ATC and Duke Energy abstaining). The WGQ EC had 21 out of a possible 25 votes (84%) in favor. The WEQ EC had 28 out of a possible 35 votes (80%) in favor.
- **April 4, 2008:** The ratification ballot went out to all NAESB WEQ and WGQ members on March 5, 2008, to be returned April 4, 2008. To pass, the members who cast votes allots should vote 67% in the affirmative. Once the ratification period is complete, NAESB will provide a filing to the FERC.



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### NAESB UPDATE: ETARIFF DISTRIBUTION LIST

Abendroth, Timm	INGAA	Burgess, Thomas C.	FirstEnergy Services Company
Ackerman, Eric	Edison Electric Institute	Burke, Oliver	Entergy
Ackerman, Jeffrey	WAPA	Burks, J. Cade	EC Power
Alcombright, Jim	New York ISO	Burnett, Tina	Boeing
Alletzhauser, Bill	Qualedi	Busch, Jim	BP Energy
Alvarez, Marianne	Exelon Corporation	Butler, Scott	Consolidated Edison Company of NY
Anderson, Brenda	Bonneville Power Administration	Cadenhead, Roy	Enbridge
Anderson, John	ELCON	Calcagno, Suzanne	UBS Energy LLC
Anderson, Patricia	ONEOK Partners GP LLC	Camardello, Marg	Transco-Williams
Anthony, Mike	Progress Energy Carolinas, Inc	Campbell, Linda	FRCC
Apperson, John	PacifiCorp Energy	Carriere, Jay	MidAmerican Energy Holdings Company
Aria, Lora Herff	E.ON U.S. LLC	Carroll, MaryBeth	KeySpan
Arnaout, Mariam	American Gas Association	Castronovo, Amy	Enbridge Energy Company Inc.
Babik, Jalal	Dominion	Cauley, Gerry	NERC
Ball, William	Southern Company	Chapman, Adrian	Washington Gas
Balu, Neal	WPS Resources	Chezar, Dolores	KeySpan
Barnes, Lisa	Westar Energy Inc.	Choate, Cort	Representing FirstEnergy
Barracchini, Tony	FERC	Ciza, John	Southern Company
Barry, Patrick	Northern Natural Gas Company	Clarke, Breanne	El Paso Corporation - Western Pipelines
Bartholomot, Henri	Edison Electric Institute	Cleveland, Ralph	AGL Resources
Baskin, Lee	Kinder Morgan Texas Intrastate Pipeline Group	Clore, Sally L.	Midwest ISO
Bayer, Janet	National Fuel	Cobb, Antoine	Arizona Public Service Company
Beer, Michael S	E.ON U.S. LLC	Cobb, Steven	Salt River Project
Benham, Bill	BP Energy	Coleman, Betty	Xcel Energy Services, Inc.
Bennett, Joletta	Shell Pipeline Company LP	Coleman, Charles	FERC
Bennett, Mark	Electric Power Supply Association	Collins, Mary Anne	Chevron Pipeline Company
Bernard, Chris	Edison Mission	Colombo, Craig	Dominion
Berwager, Sydney	Bonneville Power Administration	Comer, Edward	Edison Electric Institute
Black, Shannon	SMUD	Connelly, David Martin	Bruder, Gentile & Marcoux, L.L.P.
Bomar, Anne	Dominion	Cook, Adrianne	Assoc. of Oil Pipe Lines
Boston, Terry	Tennessee Valley Authority	Cook, Chuck	Chevron/Texaco
Boswell, William	NAESB General Counsel	Cook, David	NERC
Bourbonnais, William	WPS Resources	Corse, Scott	Village of Morrisville Water & Light Department
Bourg, Naomi	Northern Natural Gas Company	Cowan, Rich	TransCanada
Bradford, Louise	Trunkline Gas Company	Cox, Patty	CenterPoint Energy
Bretz, John	Anadarko	Crabtree, David	Tampa Electric Company
Brooks, Dick	ISO New England, Inc.	Crockett, Valerie	Tennessee Valley Authority
Brosnan, Mary	NiSource Gas Transmission and Storage Group	Cutting, John C.	NYISO
Brown, Kenneth	Public Service Electric & Gas Corp.	Daley, Kate	INGAA
Brown, Richard	Exelon Corporation	Daly, Jane	Arizona Public Service Company
Buccigross, Jim	Group 8760	Daly, Kelly	Stinson Morrison Hecker
Burch, Kathryn	Spectra Energy	Daniel, Shonnie	Calpine Energy Services
Burden, Christopher	Williams Gas Pipeline		





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Darnell, Dave	Systrends	Getz, Craig	Alliance Pipeline Ltd.
Davis, Dale	Williams Gas Pipeline	Gies, Jennifer	Alliance Pipeline Ltd.
Davis, Edward	Entergy	Gildea, Michael	Constellation
DeLeon, Susan M.	Iroquois Pipeline Operating Company	Ginsberg, Susan	IPAA
DeMello, Bob	NYISO	Glassman, Charlotte	Duke Energy Carolinas LLC
Demeris, Elena	Unitil Service Corp.	Glazer, Craig	PJM Interconnection
Denton, Rhonda	BP Energy	Godding, George	FERC
Derricks, Dennis	Wisconsin Public Service Corporation	Goldenberg, Mike	FERC
Desselle, Michael	Southwest Power Pool	Goldmann, Jim	Alliance Pipeline Ltd.
DeWitt, Roy	El Paso Corporation - Western Pipelines	Goodman, Craig	National Energy Marketers Association
Dibble, Jay	Calpine Energy Services	Gopal, Jairam	Southern California Edison Company
Dieterich, Elizabeth	Entergy	Gabiak, Terri	Allegheny Power
Dimitman, Leslie M.	Bonneville Power Administration	Gracey, Mark	Tennessee Gas Pipeline Company
Dison, Joel	Southern Company	Granger, Tina	Magellan Pipeline Company
Dotterweich, Andrew	Consumers Energy Company	Gray, Chuck	NARUC
Dreskin, Joan	INGAA	Green, Barry	Ontario Power Generation
Early, John	E.ON U.S. LLC	Griffith, William	El Paso Natural Gas
Eaton, Terri	Xcel Energy Services, Inc.	Grim, Mabelle	Dominion Transmission Inc.
Eckels, Jim	FirstEnergy Corp.	Grim, Mike	TXU
Elizeh, Edison	PacifiCorp	Gross, Jerry	Questar Pipeline Company
Ellis, Gwen	Williams	Grover, Mary E.	NSTAR Electric & Gas Corporation
Ellsworth, Bruce	New York State Reliability Council	Grygar, Bill	Panhandle Eastern Pipeline
Ellzey, Jay	Chevron Natural Gas	Gupta, Deepender	Entergy Services
Evans-Mongeon, Brian	Vermont Public Power Supply Authority	Gussow, Dona	Florida Power and Light
Fama, James P	Edison Electric Institute	Guthrie, Carol	ChevronTexaco
Farquhar, Linda	Great Lakes Gas Transmission	Gwilliam, Tom	Iroquois Gas Transmission System
Feagans, Chuck	Tennessee Valley Authority	Hairston, KC	Balch & Bingham
Fidrych, Mark	WAPA	Hall, Brian	CenterPoint Energy
Fish, Carmen	Williston Basin Pipeline	Halpin, Francis	Bonneville Power Administration
Foley, Pauline	Pinnacle West Capital Corporation	Hamilton, Maureen	Sea Robin
Foote, David K.	Unitil Service Corp.	Hammell, Matthew	FPL Energy, LLC
Fordney, Jason	Energy Daily	Harmon, Clyde	Tennessee Valley Authority
Frost, Pete	ConocoPhillips Gas & Power	Harshbarger, Robert	Puget Sound Energy
Fudali, Kathy	Sprague Energy Corp.	Hartsoe, Joseph	AEP
Fusco, Arthur	Central Electric Power Cooperative	Haynes, Leonard	Southern Company
Fyock, Les	APGA	Hebenstreit, Bill	Cheniere Marketing Inc.
Gallagher, William	Vermont Public Power Supply Authority	Heckerman, Bambi	Northern Border
Gallant, Jody N.	ISO New England, Inc.	Hegler, Elaine D.	Daulphin Island Gathering Partners
Garner, Cliff	Portland General Electric Company	Hein, Jeff	Colorado Public Utilities Commission
Gent, Michehl	Summit Power	Heinrich, William	New York State Department of Public Service
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Hinners, Gary	Reliant Energy Services	Lichtenwalter, Blair	Transwestern Pipeline Company, LLC
Hinz, Andrew	FERC	Livingston, Mary	Peoples Gas System
Holte, Tracee J.	Xcel Energy Services, Inc.	Locke, Greg	Electricities of North Carolina
Horn, Linda	Wisconsin Electric Power	Lorhman, Bill	FERC
Horting, Reed	Peco Energy Company	Lotto, Marcus	Southern California Edison Company
Horton, Brenda	Kern River Gas Transmission	Love, Paul	Natural Gas Pipe Line Company of America
Horvath, Skip	NGSA	Lucas, John	Southern Company Transmission
Huffman, David	NAESB	Luzcando, Edgardo	Midwest ISO
Hughes, John	ELCON	MacDonald, Drew	Datanet Inc.
Hunt, Erich (ET)	Pacific Gas & Electric	Martin, Beth	We Energies
Ingebrigtsen, Brent	E.ON U.S. LLC	Martin, Deb	MidAmerican Energy Holdings Company
Jagtiani, Pat	NGSA	Martin, Lee	Bonneville Power Administration
Jenness, Cayden	California ISO	Martinko, Robert	First Energy Services Company
Jensen, Larry	Discovery/Black Marlin Pipeline	May, Kerim	ISO New England, Inc.
Johnson, Frank	Consumers Energy	Mayer, Jr., Thomas E	Bonneville Power Administration
Jones, Angela	Macquarie Cook Energy LLC	Mayorga, Laura E.	Lee Wayne Corporation
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Kaeser, Brian J.	Dominion Transmission Inc.	McCawley, John	Peco Energy Company
Kardas, Joe	National Fuel Supply	McCrary, Carol	Electricities of North Carolina
Kells, Andrea R.	Bracewell & Guiliani	McGovern, Patrick	Georgia Transmission Corporation
Kelly-Detwiler, Peter	Constellation NewEnergy	McKee, Bob	American Transmission Company
Kennedy, Laura	NAESB	McKeever, Deborah	TXU Electric Delivery
Kerr, Paul	Coral Power LLC	McQuade, Rae	NAESB
Key, Jennifer	Steptoe & Johnson	McVicker, Diane	Salt River Project
Kijowski, Drake	PSEG Energy Resources & Trade	Mendoza, David	Transwestern Pipeline Company, LLC
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Kiselewich, Ruth	BGE	Metteauer, Pat	Sequent Energy Management LP
Klein, Daniel	Alston & Bird LLP	Mihalik, Dan	Assoc. of Oil Pipe Lines
Klein, Mark	Public Service Company of New Mexico	Miksovsky, Nan	Pine Needle LNG Company
Klempel, Dan	Basin Electric Power	Miller, Bobbi S.	Allegheny Energy
Knight, Charles	Florida Power and Light	Mills, Pamela	San Diego Gas & Electric/ SoCalGas
Koogler, David	Dominion Virginia Power	Minneman, James	PPL Solutions
Kravis, Gary	UNICON Inc.	Mirr, Katy	Sempra Global
Kravis, Ralph	UNICON Inc.	Mitchell, Mark	Salt River Project
Kruse, Richard	Spectra Energy	Mizutani, Eileen	Kinder Morgan
Kutub, Nader	Arizona Public Service Company	Moeller, James	Stuntz Davis & Staffier
Kwan, Deborah	Enterprise Products Partners	Molinaro, Jeffrey	Enterprise Partners LP
Kyle, Cindy	Tampa Electric Company	Moran, Brian	Portland General Electric Company
Lamoureux, Rob	Midwest ISO	Morris, Don	Shell Oil
Lander, Gregory	Commerce Energy Group	Morrison, Linda	ISO New England, Inc.
Lauderdale, Melissa L.	Edison Electric Institute		
Lawson, Barry	NRECA		
Leahy, Ryan	Carolina Gas Transmission		



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Mosher, Allen	APPA	Precht, Phil	Constellation
Moyer, Pat	Chevron Pipeline	Pritchard, Alan	Duke Energy Corporation
Mucci, Ron	Williams Power Company	Pulcini, Robert	The Structure Group
Mucilli, Antoinetta	National Fuel Gas Supply Corporation	Purtee, Jeffrey	Sierra Pacific Resources
Munson, Sylvia	The Structure Group	Pysh, Rose	The United Illuminating Company (UI)
Myers, Lynn Ellen	Southern California Edison Company	Rager, Denise	NAESB
Nagle, Molly	Tennessee Gas Pipeline	Ralph, Robbie	Shell Pipeline Company
Nail, Lucia	Sungard	Raup, Christopher	Consolidated Edison of New York, Inc.
Needels, Kim	New York State Electric & Gas	Reed, Bruce	BP Energy
Neel, Lisa	Texas Gas Transmission LLC	Rehman, Barbara	Bonneville Power Administration
Nelson, Cynthia D.	El Paso Western Pipelines	Reilley, Robert	Coral Power LLC
Neustifter, Robert M.	Consumers Energy Company	Reitz, Dave	National Fuel Gas Supply
Newberry, David	MidAmerican Energy	Rhyno, Wendy	Alliance Pipeline Ltd.
Nick, David	DTE Energy	Riner, Bobette	Powerdex, Inc.
Nishimuta, Lisa	ONEOK Partners GP LLC	Rogers, Jan	Chevron
Norris, Clay	North Carolina Municipal Power Agency #1	Rosenberg, Marv	Independent
Novak, Michael	National Fuel Gas Distribution	Royalty, Matt	Southern Star Central Gas Pipeline
Nugent, Pat	Texas Pipeline Association	Rudd, Doug	New Jersey Natural Gas Company
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Oberski, Louis	Dominion	Saini, Narinder	Entergy
Ogenyi, Gloria	Conectiv	Sappenfield, Keith	EnCana Corporation
Olsen, Greg	Ontario Power Generation	Sawyer, Dan	Enbridge Energy, Inc.
Olson, Clifton	Rochester Gas & Electric Corporation	Scavo, Joseph	Old Hickory Consulting (rep: Entergy)
O'Neill, Ean	California ISO	Schaub, Patricia	FERC
Overtree, Ed	NAESB	Schmidt, Joann	Xcel Energy
Ozenne, Dan	San Diego Gas and Electric	Schmitke, Laurel	Alliance Pipeline Ltd.
Pennington, J. Gordon	Representing United Illuminating Company	Schwecke, Rodger	Southern California Gas Company
Perlman, Marjorie	Energy East Management	Schwermann, Robert	SMUD
Petersen, Don	Pacific Gas & Electric	Seekell, Christina	Consumers Energy Company
Petrella, Tony	Ontario Power Generation	Severance, Charles	Wisconsin Public Service Corporation
Phillips, Dana	American Electric Power	Shafer, Rueben	DataNet, Inc.
Pierce, Keith	FERC	Shah, Hassan	Entergy
Pierce, Mark	Spectra Energy	Sharp, Korin	DTE Energy
Pincus, Steven	PJM Interconnection	Sharp, Toni	Kern River
Plattsmier, Deborah	Chevron	Shepard, Mike	Mewbourne Oil Company
Pommen, Diane	Alberta Electric System Operator	Simpkins, Lisa	Constellation
Ponseti, Tim	Tennessee Valley Authority	Simpson, Denise	Ameren
Popowsky, Sonny	Pennsylvania Office of Consumer Advocate	Skiba, Ed	Midwest ISO
Potter, Chris	AEP	Smead, Rick	Navigant Consulting
		Smith, Larry	Tennessee Gas Pipeline Company
		Smith, Richard	ExxonMobil Gas & Power



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Snyder, Virginia J.	PJM Interconnection	Weaver, Alonzo	Memphis Light Gas and Water
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Soderberg, Grace D.	NARUC	Westendorff, Julie B.	Edison Electric Institute
Solitario, Denise A.	ONEOK Partners GP LLC	Westerfield, Lou Ann	Idaho Public Utility Commission
Sorenson, Paul	OATI	White, Craig	Philadelphia Gas Works
Spangler, Leigh	Latitude Technologies	Whiting, Luke	Florida Power and Light
Steffes, Darla	Northern Border	Wiley, Ken	FRCC
Stender, Mike	El Paso Corporation	Williams, Robert C. (Bob)	Florida Municipal Power Agency
Stepenovitch, Joe	Independent	Willis, Joe	Magellan Pipeline Company
Stewart, Cindy E.	FirstEnergy Service Company	Willis, Michelle	CenterPoint
Stewart, Lee	Southern California Gas Company	Williston, Wade	Entergy
Stires, Susan	El Paso Natural Gas	Winterfeld, Curtis	Deseret Generation & Transmission Cooperative
Straquadine, Tony	Alliance Pipeline Ltd.	Yakopcic, George	Allegheny Energy
Stroh, Robert	Bruder, Gentile & Marcoux, L.L.P.	Yang, Aiwei	Northern Natural Gas Company
Sumter, Gail	Assoc. of Oil Pipe Lines	Yeung, Charles	Southwest Power Pool
Sutton, Dawn	Progress Energy Service Co., LLC	Yip, Nelson	Consolidated Edison
Swamy, Priya	Dominion Transmission Inc.	York, Katherine	Tennessee Valley Authority
Taylor, Darren	Calpine Corporation	Young, Randy	Gulf South Pipeline Company LP
Taylor, Lynn	CenterPoint Energy	Younglund, Marshia	Williams
Templeton, Jim	Comprehensive Energy	Yount, Sheila	TransCanada
Theodore, Sharon Royka	NiSource	Zeisler, Don	Williston Basin Interstate Pipeline Company
Tholt, Jane	TransCanada	Zelenko, Richard	Dominion Retail Inc.
Thomason, Angela	NAESB	Zimberlin, Joy	New York ISO
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		



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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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### NAESB UPDATE: eTARIFF RECOMMENDATION

#### **Chair's Comments on the eTariff Subcommittee Recommendation to the WEQ and WGO 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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### NAESB UPDATE: eTARIFF RECOMMENDATION

**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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### NAESB UPDATE: eTARIFF RECOMMENDATION

**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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### NAESB UPDATE: eTARIFF RECOMMENDATION

**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.

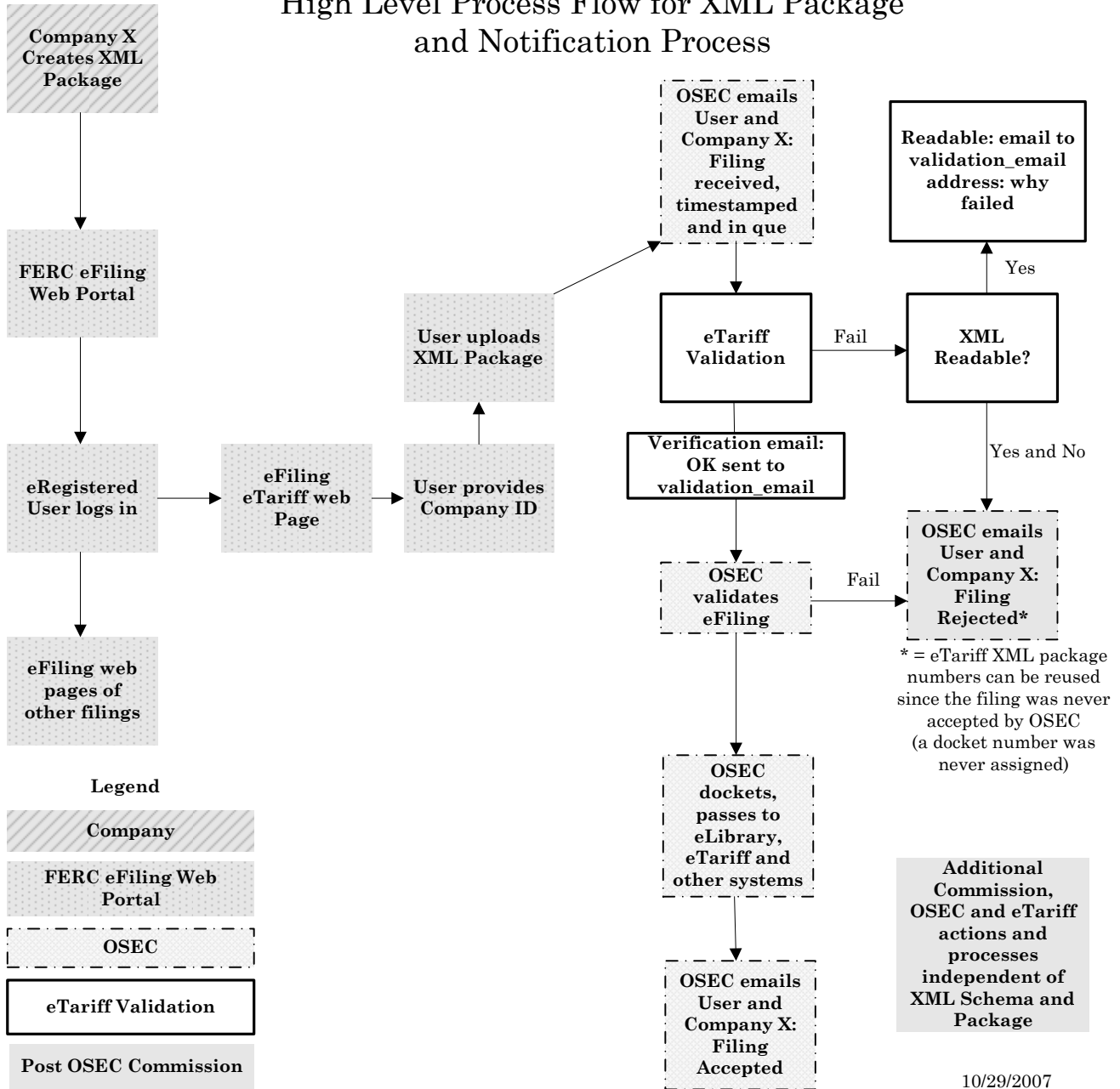


# North American Energy Standards Board

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## NAESB UPDATE: eTARIFF INFORMATION FLOW DIAGRAM FEBRUARY 22, 2008

### High Level Process Flow for XML Package and Notification Process



WEC ESS/ITS & BPS 890 Progress Report (Required for August 7, 2008 Filing) Based on WEC 2008 Annual Plan											
Annual Plan Item	Annual Plan Item	Underway	Scheduled	Concept Discussion	Draft Rec.	SC Review	Post for Inf. Comment	Review Comments	SC Final Review	SC Approval	NAESB Clean-up
2.a.i.3	Annotations For ATC Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)										
2.a.i.4	Load Forecast And Actual Load Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)										
2.b.ii.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*										
2.b.ii.2	Business practice standards for accounting for counterflows and post backs										
2.b.iii.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."										
2.b.iii.2	Business practice standards that include an OASIS mechanism to "allow for auditing of CBM usage."										
2.b.iii.3	Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort.										
2.b.iv.1	Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM.										
2.b.iv.2	The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM.										
2.b.iv.3	Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort.										
2.b.v.1	Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards										
2.b.v.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										
2.b.v.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."										
2.b.v.4	Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations".										
2.b.v.5	Business practice standards for posting on OASIS of the "actual daily peak load for the prior day."										
2.b.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										
2.b.vii	ATC Information Link/Transition of MOD-003										

Annual Plan Item	Annual Plan Item	Underway	Scheduled	Concept Discussion	Draft Rec.	SC Review	Post for Inf. Comment	Review Comments	SC Final Review	Approval	NAESB Clean-up
<p align="center"><b>WEC ESS/ITS &amp; BPS 890 Progress Report (Required for August 7, 2008 Filing) Based on WEC 2008 Annual Plan</b></p>											
2.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.										
	<p>LEGEND:</p> <p>Completed Prior to February EC Meeting</p> <p>Completed Since February EC Meeting</p>										



## NORTH AMERICAN ENERGY STANDARDS BOARD

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Dear Wholesale Electric Quadrant Members and Interested Industry Participants –

For the attached recommendation for standards that are linked to NERC standards development for FERC Order No. 890, our subcommittees have accepted these proposed standards and are asking you to comment on them in a formal comment period. They are also asking the WEQ Executive Committee to consider this recommendation and comments that are submitted during the formal comment period, and vote on this recommendation.

The subcommittees understand that the proposed standards include references to NERC reliability standards that have not yet been approved through the NERC process, but are based on their current work products. The proposed standards include placeholders for the NERC references, which will be added once they are approved by NERC. The subcommittees do not expect that this recommendation will require significant rework by the subcommittees once NERC adopts its related reliability standards. The subcommittees' chairs will review the final NERC standards once adopted and will identify if any changes are needed to recommendations that have already been processed through commenting and EC consideration. If changes are needed, a determination will be made whether the changes can be processed as minor actions, or for more substantive changes, the standards modification process will be used.

We are taking these steps and offering this recommendation for your comment and for EC consideration for vote rather than waiting until NERC completes its full process because:

- (1) NERC has developed draft standards for the referenced items which have been processed through at least one balloting period.
- (2) The NAESB subcommittees do not expect the changes to be made by NERC in its current efforts to yield substantive changes to the NAESB related standards.
- (3) The progress being made by the subcommittees now on Order 890 towards meeting the August deadline will be adversely affected if the all NAESB Order No. 890 recommendations with NERC references are held in abeyance until NERC has concluded its efforts.
- (4) The interested industry participants and the WEQ EC will have the opportunity to review the NAESB Order No. 890 recommendations with NERC references for formal comment and consideration as NAESB completes its efforts on each recommendation. In this manner, the industry and the EC are asked to consider proposed standards within a reasonable workflow. The alternative is to hold all NAESB Order No. 890 recommendations with NERC references and then submit them all for industry comment and EC consideration which would provide a significant amount of documents for review, comment and consideration.
- (5) Last but certainly not least, submitting the recommendations now to the industry and to the WEQ EC will provide the necessary signals from the industry through formal comments and through EC actions. If corrective action is needed, NAESB would have the opportunity to meet or come closer to the deadlines set by the FERC.

Please note that the subcommittees have worked diligently on this recommendation along with the work products available from NERC and that all steps outlined conform with NAESB operating procedures. We appreciate your consideration and your comments.

With Best Regards,

Marcie Otondo, Co-Chair, NAESB Electronic Scheduling Subcommittee/Information Technology Subcommittee  
 Ed Skiba, Co-Chair, NAESB Business Practices Subcommittee

Paul Sorenson, Co-Chair, NAESB Electronic Scheduling Subcommittee/Information Technology Subcommittee  
 J.T. Wood, Co-Chair, NAESB Business Practices Subcommittee and Co-Chair, NAESB Electronic Scheduling Subcommittee/Information Technology Subcommittee



March 13, 2008

**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant:** Wholesale Electric Quadrant  
**Requesters:**  
**Request No.:**  
**Request Title:**

**1. RECOMMENDED ACTION:**

- 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:**

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

**RECOMMENDED STANDARDS:**





**March 13, 2008**

**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: Wholesale Electric Quadrant**  
**Requesters:**  
**Request No.:**  
**Request Title:**

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

**b. Description of Recommendation:**

**c. Business Purpose:**

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

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
<b>ATC GROUP ASSIGNMENTS (ESS/ITS and BPS)</b>				
243, 244, 246	<p>Business Practice Standards complementary to NERC Reliability Standards for <b>Existing Transfer Capability (ETC)</b> 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*</p> <p>Paragraphs 243, 244, and 246 will require coordination with the NERC Order 890 reliability standards development</p> <p>*Posting requirements for ETC assigned to ESS/ITS (see 2008 AP 2(a)(vi)(4) and Order 890 WP, Group 6)</p> <p>Order 890-A:</p> <p>63. The Commission also found that inclusion of all requests for transmission service in ETC would likely overstate usage of the system and understate ATC. The Commission therefore found that reservations that have the same point of receipt (POR) (generator) but different point of delivery (POD) (load), for the same time frame, should not be modeled in the ETC calculation simultaneously if their combined reserved transmission capacity exceeds the generator's nameplate capacity at the POR. The Commission directed public utilities, working through NERC, to develop requirements in MOD-001 that lay out clear instructions on how these reservations should be modeled. The Commission also concluded that some elements of ETC are candidates for business practices instead of reliability standards and directed public utilities, working through NAESB, to develop business practices necessary for full implementation of the MOD-001 reliability standard.</p> <p>151. We decline to impose additional posting requirements regarding ETC uses, as requested by EPSA and Powerex. In Order No. 890, the Commission required transmission providers to make available all data used to calculate ATC for constrained paths and any system planning studies or specific network impact studies performed for customers. This would include information regarding ETC uses, including grandfathered agreements, that affect ATC calculations or study results. EPSA and Powerex fail to demonstrate that it is necessary to require the posting of additional information regarding ETC uses to verify the accuracy of the transmission provider's ATC calculations. We note in response to Powerex that, if any new service taken upon expiration of a pre-Order No. 888 contract, the terms and conditions of the transmission provider's OATT would apply.</p>	WEQ 2008 Annual Plan Item 2(b)(ii)(1)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2nd Quarter, 2008</p> <p>RATIFICATION: July, 2008</p>	<p>The NAESB ESS/ITS and BPS are working to draft complementary business practices to the NERC MOD028, MOD029, and MOD030, which includes ETC. The NERC team has determined that there is not a need for explicit posting of ETC values; the ESS/ITS and BPS supports the decision. ESS/ITS/BPS will look at the NERC MODs to determine if additional business practices are needed for ETC components.</p>

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
293	<ul style="list-style-type: none"> <li>Business practice standards for <b>counterflows</b>. These standards will be included in the ATC business practice standards (Paragraph 293 will require coordination with the NERC Order 890 reliability standards development)</li> </ul>	WEQ 2008 Annual Plan Item 2(b)(ii)(2)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Q 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July, 2008</p>	<p>The ESS/ITS and BPS have created a list of items that are considered post-backs to be used in the creation of post back requirements. NERC has requested that NAESB practices address post-back requirements. (8/16/07)</p> <p>On March 11-12, 2008, the ESS/ITS and BPS passed motions to define high level concepts for counterflows and post backs. Draft standards are being developed by sub-teams.</p>

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
257	<p><b>Capacity Benefit Margin (CBM) Business Practices</b></p> <ul style="list-style-type: none"> <li>Business practice standards 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.” (Paragraph 257 will require coordination with the NERC Order 890 reliability standards development)</li> </ul> <p>Order 890-A:</p> <p>68. The Commission directed public utilities, working through NERC and NAESB, to develop clear standards and business practices for how the CBM value is determined, allocated across transmission paths and flowgates, and used. To ensure that CBM is used for its intended purpose, the Commission provided that CBM shall only be used to allow an LSE to meet its generation reliability criteria. The Commission rejected requests to allow CBM to be used to meet reserve-sharing needs, explaining that TRM is the appropriate category for that purpose. Public utilities were directed to work with NAESB to develop an OASIS mechanism that will allow for auditing of CBM usage.</p> <p>83. The Commission did not mandate a particular methodology for allocating CBM over transmission paths and flowgates in Order No. 890. We therefore reject Southern’s argument that development of a consistent methodology for calculating CBM would be harmful to LSEs because reserve needs vary from area to area. While we expect the NERC and NAESB process to produce a consistent and transparent process for setting aside and allocating CBM based on LSE requests, we decline to prescribe a specific method for how CBM should be obtained or allocated or otherwise determine the amount of capacity that the transmission provider has to set aside in response to requests from multiple LSEs.</p>	WEQ 2008 Annual Plan Item 2(b)(iii)(1)	<p>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July, 2008</p>	<p>The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD004.</p> <p>The ESS/ITS and BPS have identified the NAESB business practice standards that may be needed to address CBM, including where the CBM value shall be posted; how to allocate priority use of CBM; how to allocate the amount of CBM; the ability to audit CBM usage; a new request type on OASIS to distinguish a CBM reservation; and for the posting of CBM on the OASIS systemdata template.</p>

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
262	<ul style="list-style-type: none"> <li>Business practice standards that include an OASIS mechanism to “allow for auditing of CBM usage.” (Paragraph 262 does not require coordination with the NERC Order 890 reliability standards development)</li> </ul> <p>Order 890-A:</p> <p>68. The Commission directed public utilities, working through NERC and NAESB, to develop clear standards and business practices for how the CBM value is determined, allocated across transmission paths and flowgates, and used. To ensure that CBM is used for its intended purpose, the Commission provided that CBM shall only be used to allow an LSE to meet its generation reliability criteria. The Commission rejected requests to allow CBM to be used to meet reserve-sharing needs, explaining that TRM is the appropriate category for that purpose. Public utilities were directed to work with NAESB to develop an OASIS mechanism that will allow for auditing of CBM usage.</p>	WEQ 2008 Annual Plan Item 2(b)(iii)(2)	<p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>ND</sup> Quarter, 2008</p> <p>RATIFICATION: July, 2008</p>	<p>The ESS/ITS and BPS are continuing to evaluate and review the templates and practices for CBM, including auditing of CBM usage. 8/16/07</p> <p>If we are using existing templates and the existing templates have corresponding “Audit Templates”, additional work may not be needed.</p>
	<ul style="list-style-type: none"> <li>Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort. (This item is a catchall section in case there are areas where business practices are needed as a result of the NERC CBM reliability standards. This item will require coordination with the NERC Order 890 reliability standards development).</li> </ul>	WEQ 2008 Annual Plan Item 2(b)(iii)(3)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>ND</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July 2008</p>	<p>The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD004.</p>

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
272	<ul style="list-style-type: none"> <li>Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM (Paragraph 272 will require coordination with the NERC Order 890 reliability standards development)</li> </ul>	WEQ 2008 Annual Plan Item 2(b)(iv) (1)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008                      WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008                      RATIFICATION: July 2008</p>	<p>The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD008.</p> <p>The ESS/ITS and BPS are continuing to evaluate and review the templates and practices for TRM, 8/16/07</p>
273	<ul style="list-style-type: none"> <li>The TRM business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM (Paragraph 273 will require coordination with the NERC Order 890 reliability standards development)</li> </ul> <p>Order 890-A:</p> <p>94. The Commission clarifies that NERC was not directed to identify an actual number or a particular methodology to include in the TRM standards, MOD-008-0 and MOD-009-0. The Commission's intent was to require NERC and NAESB to include consistent criteria and guidelines in the calculation and uses of TRM by transmission providers. Likewise, in response to Southern's concern regarding flexibility to use something other than the ratings reduction method discussed in Order No. 890, we clarify that the ratings reduction method is only an example of a simple method that could be used. Our intent is not to prohibit a transmission provider from using a more sophisticated method, so long as it is consistent with the reliability standards developed by NERC.</p>	WEQ 2008 Annual Plan Item 2(b)(iv)(2)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008                      WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008                      RATIFICATION: July 2008</p>	<p>The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD008.</p> <p>The ESS/ITS and BPS are continuing to evaluate and review the templates and practices for TRM, 8/16/07</p>

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
301	<p>Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort (This item is a catchall section in case there are areas where business practices are needed as a result of the NERC TRM reliability standards. This item will require coordination with the NERC Order 890 reliability standards development).</p> <p>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)):</p> <ul style="list-style-type: none"> <li>Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards (Paragraph 301 will require coordination with the NERC Order 890 reliability standards development)</li> </ul> <p>Order 890-A:</p> <p>53. We clarify in response to NorthWestern that TRM may be used to accommodate the procurement of ancillary services used to provide service under the pro forma OATT. We deny as premature EPSA's and Williams' requests for clarification regarding the realtime determination and posting of ATC and AFC values, as well as posting of utilization of transmission provider's own system ETC. In Order No. 890, the Commission required an exchange of the data both for short and long-term ATC/AFC calculation that will increase the accuracy of ATC calculations.<sup>33</sup> The Commission also required that ATC be recalculated by all transmission providers on a consistent time interval, and in a manner that closely reflects the actual topology of the system, load forecast, interchange schedules, transmission reservations, facility ratings, and other necessary data, and that NERC/NAESB revise the related reliability standard and business practices accordingly.<sup>34</sup> EPSA and William should address their concerns through the NERC and NAESB processes implementing these requirements.</p> <p>60. Order No. 890 requires NERC and NAESB to develop a single set of ATC-related</p>	WEQ 2008 Annual Plan Item 2(b)(iv)(3)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008                      WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008                      RATIFICATION: 2<sup>nd</sup> Quarter, 2008</p> <p><b>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008                      WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008                      RATIFICATION: July 2008</p>	<p>The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD008.</p> <p>The ESS/ITS and BPS are continuing to evaluate and review the templates and practices for TRM, 8/16/07</p> <p>The ESS/ITS and BPS has drafted several sets of language and is in the process of coordinating alignment with the NERC ATC Drafting Team.</p> <p>The ESS/ITS and BPS are drafting documents that will facilitate agreement on concepts/scope.</p>

<b>Order 890 Work Plan</b>			
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates
	<p>standards that will apply to all transmission providers, including RTOs and ISOs. We understand that the NERC ATC standard drafting team includes representatives from various industry sectors, including RTOs/ISOs, and we encourage NYISO to participate in the standard development process to provide NERC an opportunity to address its concerns. To the extent NYISO feels its concerns are not address in this process, it should bring the issue to the Commission's attention on review of the resulting reliability standards.</p> <p>101. The Commission directed public utilities, working through NERC and NAESB, to revise reliability standard MOD-001 to require ATC to be recalculated by all transmission providers on a consistent time interval and in a manner that closely reflects the actual topology of the system, e.g., generation and transmission outages, load forecast, interchange schedules, transmission reservations, facility ratings, and other necessary data. The Commission stated that this process must also consider whether ATC should be calculated more frequently for constrained facilities.</p> <p>104. The Commission agrees with Powerex that the standards adopted through the NERC and NAESB processes should serve as minimum or "no less frequent than" requirements to recalculate ATC. Transmission providers also must update their ATC calculation when they receive substantial and material changes in data, such as updated load forecasts, changes in topology and dispatch patterns, which may be more frequent than the NERC and NAESB standards would otherwise require. In the absence of substantial and material changes in data, transmission providers are not required to update ATC on a more frequent basis than the minimum frequency that the NERC and NAESB standards require, once implemented. The Commission will consider the adequacy of the time frame for ATC updates on review of these standards.</p> <p>148. In Order No. 890, the Commission required transmission providers to make available, upon request, all data used to calculate ATC, TTC, CBM and TRM for any constrained posted path. We believe that this adequately addresses Constellation's request for access to modeling data used by the transmission provider. Specifically, we expect transmission providers to make available, upon request and subject to appropriate confidentiality protections and CEII requirements, the following modeling data: (1) load flow base cases and generation dispatch methodology; (2) contingency, subsystem, monitoring, change files and accompanying auxiliary files; (3) transient and dynamic stability simulation data and reports on flowgates which are not thermally limited; (4) list of transactions used to update the base case for transmission service request study; (5) special protection systems and operating guides, and specific description as to how they are modeled; (6) model configuration settings; (7) dates and capacities of new and retiring generation; (8) new and retired generation included in the model for future years; (9) production cost models (including assumptions, settings, study results, input data, etc.), subject to reasonable and applicable generator confidentiality limitations; (10) searchable transmission maps, including PowerWorld or</p>		



Order 890 Work Plan			
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates  Status
	<p>PSSE diagrams; (11) OASIS names to Common Names table and PTI bus numbers; and, (12) flowgate and interface limits including limit category (thermal, steady state or transient, voltage or angular). We decline, however, to require the transmission provider to post this information on OASIS, as Constellation suggests. We conclude that making this information available on request provides sufficient transparency for customers without unduly burdening the transmission provider.</p> <p>149. With regard to the modeling support information sought by Constellation, we believe much of this information should already be stated in each transmission provider's Attachment C. In Order No. 890, the Commission required each transmission provider to set forth in the Attachment C to its OATT the ATC calculation methodology used by the transmission provider. To the extent necessary, we clarify that the step-by-step modeling study methodology and criteria for adding or eliminating flowgates (permanent and temporary) is part of the ATC methodology that must be stated in the transmission provider's Attachment C. We direct any transmission provider that has failed to include this information in its Attachment C to include that information as part of the compliance filing directed in section II.C. If the transmission provider has already satisfied this obligation in a previous compliance filing, it should refer to that filing instead.</p> <p>150. We deny as premature Constellation's request to require OASIS postings of additional model benchmarking and forecasting data/TSR study audit data. Such information would be utilized in the process of updating and benchmarking models to actual events, which is the subject of ongoing efforts to modify relevant reliability standards from the MOD and facilities design, connections and maintenance (FAC) groups.</p> <p>152. We deny TDU Systems' request to require transmission providers to grant customers access to proprietary modeling software used to calculate ATC values. The Commission believes at this time that the requirements of Order No. 890 are sufficient to achieve the Commission's transparency goals without further requiring the disclosure of proprietary software.</p>		

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310	<ul style="list-style-type: none"> <li>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 (Paragraph 310 will require coordination with the NERC Order 890 reliability standards development)</li> </ul>	WEQ 2008 Annual Plan Item 2(b)(v)(2)	<p><b>These dates are dependent on NERC deliverables and may be changed if NERC timelimes for Order 890 are changed:</b></p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008                      WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008                      RATIFICATION: N/A</p>	<p>NERC will be addressing data exchange standards and will identify any new OASIS posting requirements or template query requirements which are needed in order to facilitate data exchange for ATC modeling</p> <p><b>On March 13, 2008 the ESS/ITS and BPS determined the work associated to this item has been completed by NERC and recommended no further action be taken by NAESB.</b></p> <p>If the "decline" recommendation is approved by the EC the recommendation will not require membership ratification.</p>

# North American Energy Standards Board

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369	<ul style="list-style-type: none"> <li>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 the transmission provider post 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).” (Paragraph 369 will not require coordination with the NERC Order 890 reliability standards development)</li> </ul> <p>Although not specified in the WEQ 2008 AP, it is expected that this standard will also contain requirements associated with annotations when ATC remains at zero for six months or longer.</p> <p>Order 890-A:</p> <p>124. We believe that E.ON U.S. overestimates the burden of complying with this requirement. Since TTC standardization is ongoing, it is impossible to identify with precision the steps that will need to be taken to comply with the posting requirement. The appropriate forum to raise concerns regarding the burden of particular TTC calculation requirements is in the NAESB standards development process. In any event, we would expect that the posting of narratives for changes in monthly and yearly ATC values as a result of a 10 percent change in TTC will be triggered mainly by topology changes resulting from transmission lines and generator in-service status, as well as new facilities additions, that are reported on OASIS.</p> <p>125. We clarify in response to Southern that transmission providers do not need to list each and every circumstance or occurrence that impacts TTC values from the previous month or year and, instead, may list the primary events that give rise to the update. Again, we expect that TTC changes will generally result from topology changes and, therefore, the primary reasons for an update would be changes in schedules of transmission or generation additions, prolonged outages, or changes in maintenance schedules causing a TTC change of 10 percent. We agree with Southern that the transmission provider should post these narrative explanations on OASIS via a template and data element that is to be defined by NAESB. We direct transmission providers, working through NAESB, to develop the OASIS functionality necessary for such postings. Pending completion of this work by NAESB, we direct transmission providers to post these narrative explanations as comments on OASIS.</p>	WEQ 2008 Annual Plan Item 2(b)(v)(3)	FORMAL COMMENT: 1 <sup>st</sup> Quarter, 2008 WEQ EC VOTE: 2 <sup>nd</sup> Quarter, 2008 RATIFICATION: July 2008	<b>Voted out of subcommittee for formal comment on February 13, 2008.</b>

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413	<ul style="list-style-type: none"> <li>Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations" (Paragraph 413 will not require coordination with the NERC Order 890 reliability standards development)</li> </ul>	WEQ 2008 Annual Plan Item 2(b)(v)(4)	<p>These dates are dependent on NERC providing responses to questions forwarded to NERC by the BPS/ESS/ITS.</p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July 2008</p>	Voted out of subcommittee for formal comment on March 10, 2008.
405	<ul style="list-style-type: none"> <li>Business practice standards for posting on OASIS of the "actual daily peak load for the prior day." (Paragraph 405 will not require coordination with the NERC Order 890 reliability standards development)</li> </ul>	WEQ 2008 Annual Plan Item 2(b)(v)(5)	<p>FORMAL COMMENT: 1<sup>st</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 1st Quarter, 2008</p> <p>RATIFICATION: July 2008</p>	Voted out of subcommittee for formal comment on March 10, 2008.
	<ul style="list-style-type: none"> <li>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).</li> </ul>	WEQ 2008 Annual Plan Item 2 (b)(vi)(1)	<p>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July 2008</p>	The ESS/ITS and BPS is in the process of coordinating alignment with the NERC ATC Drafting Team.

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	<ul style="list-style-type: none"> <li>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 standard 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.</li> </ul>	WEQ 2008 Annual Plan Item 2 (b)(vii)	<p>These dates are dependent on NERC deliverables and may be changed if NERC timeliness for Order 890 are changed:</p> <p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July 2008</p>	<p>Voted out of subcommittee for formal comment on March 13, 2008.</p>
	Develop any additional business practice standards to support transparency reporting and related functions that may be required as a result of the final order.	WEQ 2008 Annual Plan Item 2(c)	<p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: July 2008</p>	<p>The ESS/ITS and BPS continue to review the need for additional business practice standards.</p> <p>The ATC information list was posted for informal comment on January 22, 2008.</p>

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<b>ESS/ITS ASSIGNMENTS</b>				
<b>GROUP 0: REALES</b>				
815, FN 496	<p>The OASIS business practices developed to align the existing NAESB standards with Order 890 will include the requirement that “all sales or assignments of capacity be conducted or otherwise posted on the transmission provider’s OASIS on or before the date the reassigned service commences.”</p> <p>The OASIS business practices will also conform to Footnote 496 of Order 890. The business practices will include the requirement that the assignee “execute a service agreement directly with the transmission provider.” In addition, the business practices will include the requirement that the assignee pay “the transmission provider for service at the negotiated rate and the transmission provider will bill or credit the assignor with any the difference between the negotiated rate and the assignor’s original rate.</p> <p>Order 890-A:</p> <p>394. Reforms to the rules governing reassignments and associated reporting obligations also increase our regulatory oversight of the secondary market, allowing the Commission to effectively monitor that market for any attempts to exercise market power. All reassignments must now be conducted through or otherwise posted on OASIS and assignees must execute service agreements prior to the date on which service commences.</p> <p>Transmission providers must provide information regarding reassignments in their EQRs. As noted above, Commission staff will also closely monitor the quarterly reassignment-related data submitted by transmission providers and prepare a report on staff’s findings for the Commission’s consideration. The Commission takes seriously the possibility that resellers may attempt to exercise market power in the secondary market for transmission capacity. We continue to believe, however, that the regulatory protections in place and our increased oversight of this market will limit the potential for market power abuse during the period in which the price cap is lifted. There is no need for particularized market power studies regarding secondary transmission capacity, as suggested by TAPS.</p> <p>408. As noted above, the Commission required in Order No. 890 that all sales or assignments of capacity be conducted through or otherwise posted on the transmission provider’s OASIS on or before the date the reassignment commences. The Commission thus eliminated the ability of transmission customers to assign transmission rights to another party with subsequent notification to the transmission provider. The Commission also directed transmission providers, working through NAESB, to develop appropriate OASIS functionality to allow such postings. Transmission providers were not required to implement this new OASIS functionality or any related business practices until NAESB develops appropriate standards.</p>	WEQ 2007 Annual Plan Item 2(a)(i)	<p>FORMAL COMMENT: Posted for formal comment April 5, 2007 with comments due on May 4, 2007.</p> <p>WEQ EC VOTE: The WEQ Executive Committee adopted a revised recommendation during the May 8, 2007 WEQ EC meeting.</p> <p>RATIFICATION: The recommendation, as revised by the WEQ Executive Committee was posted for member ratification on June 22, 2007 with ballots due on July 23, 2007. The <a href="#">ratification results</a> are posted on the NAESB website.</p>	<p>Completed.</p> <p>The final action is posted on the NAESB WEQ Final Actions page: <a href="#">2007 WEQ Annual Plan Item 2 Final Action - Recommendation for Revision to Final Action R04006D to align the Resales Standards with Order 890</a></p> <p>The Subcommittee believes the final action conforms with Order 890-A.</p>

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	<p>422. The Commission affirms the decision in Order No. 890 to require assignees to execute a service agreement with the transmission provider governing reassignments of transmission capacity prior to scheduling use of that capacity. We provide clarification of this requirement, however, in response to the concerns raised by petitioners. In Order No. 890, the Commission required that all reassignments be accomplished by the assignee executing a service agreement with the transmission provider that will govern the provision of reassigned service. The Commission did not intend to impose contracting obligations that are more onerous than the acquisition of primary transmission capacity, which may be accomplished through execution of a service agreement followed by scheduling on OASIS. We clarify that it is equally sufficient for an assignee to execute a service agreement governing its reassignments of capacity generally and to complete a particular assignment through the OASIS. However, as with reservations of primary transmission capacity, there remains a threshold requirement to execute a service agreement with the transmission provider in order to commit the assignee to abide by the terms and conditions of the transmission provider's OATT governing the reassignment of transmission service.</p> <p>423. It would not be appropriate to relieve assignees of the obligation to execute a service agreement with the transmission provider since such agreements establish the necessary contractual relationship between the assignee and the transmission provider. As we explain above, sales of reassigned capacity now take place under the transmission provider's OATT and, thus, there must be a contractual relationship between these parties. This does not mean, however, that all of the terms and conditions of a particular assignment must be stated in the service agreement. Like short-term firm and non-firm reservations of primary capacity, the transmission provider and assignee may rely on OASIS to provide information regarding the reseller, quantity, and price associated with a particular reassignment of service. This information would then become part of the binding agreement between the transmission provider and assignee governing the assignment, just as confirmation of short-term firm and non-firm transactions on OASIS constitute binding contractual commitments. Because execution of a service agreement with the transmission provider governing reassignments of capacity is a threshold requirement for an assignee wishing to accomplish a particular reassignment on OASIS, Bonneville's concern regarding the failure of an assignee to return its service agreement is misplaced. The assignee in that instance would have no right to schedule a reassignment on OASIS since it has not first executed the appropriate service agreement with the transmission provider.</p> <p>424. Some of the confusion regarding these contracting requirements may have been caused by the Commission's reference in section 23.1 of the revised pro forma OATT to a service agreement "that will govern the provision of reassigned service," which could be interpreted to refer to transaction-by-transaction service agreements for reassignments. Inclusion of the words "Long-Term Firm" in both the title of the form of service agreement</p>			

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	<p>and the attached specifications in the new Attachment A-1 to the pro forma OATT adopted in Order No. 890 may have added to the confusion by potentially implying that use of the service agreement is limited to long-term firm point-to-point transactions instead of also applying to short-term firm point-to-point and non-firm point-to-point reassignments, as intended by the Commission. We revise section 23.1 of the pro forma OATT and the title of Attachment A-1 to make clear that use of the form of service agreement for reassigned capacity, and associated posting of schedules and transaction information on OASIS, should be similar to the use of such agreements for primary capacity.</p> <p>425. The execution of a service agreement by the assignee does not itself terminate the reseller's service agreement, as EEI argues. The reseller's service agreement remains in place, granting the reseller scheduling rights for the reserved capacity and obligating the reseller to pay for that reservation. During the term of the assignment, the reseller will continue to be billed under its agreement with the transmission provider. The assignment of service simply transfers to the assignee some or all of the reseller's scheduling rights for the period of the reassignment and, in return, obligates the assignee to pay the transmission provider the negotiated rate. In order to prevent over-recovery by the transmission provider, the transmission provider must therefore credit the reseller the reassignment rate, which leaves the reseller with the net difference between the resale rate and the reseller's original rate. If the assignee defaults and fails to pay for the reassigned capacity, the transmission provider should reverse the credit to the reseller to reflect the lack of payment by the assignee.</p> <p>426. We disagree that these billing requirements are unduly burdensome. While it is true that the transmission provider may be required to bill at different rates, that is already the case under the pro forma OATT. Transmission providers are permitted to offer discounts from the rates stated in their OATT, provided they offer such discounts to all eligible customers. Offering discounts thus creates different rates for different customers depending on when they negotiate service. The transmission provider therefore should already have mechanisms in place to bill customers based on rates other than those stated in its OATT. In any event, the need to bill assignees directly for reassignments is inextricably linked to the decision to require that all reassignment transactions take place pursuant to the rate on file in the transmission provider's OATT, rather than bilateral agreements between customers. We therefore do not intend for the discount rule or the price ceilings otherwise stated in the transmission provider's OATT to apply to reassignments of capacity. We have revised schedules 7 and 8 of the pro forma OATT accordingly.</p> <p>427. We clarify that, to the extent necessary, the costs incurred by the transmission provider to account and bill for reassignments of transmission capacity should be included in the transmission provider's cost of service, just like accounting and billing costs for any other service under the transmission provider's OATT. We decline MidAmerican's request to</p>			



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	<p>prohibit further assignments of reassigned capacity. Order No. 888 allowed for multiple reassignments under the pro forma OATT and MidAmerican does not justify departing from this practice. Just as the original transmission customer may find that it has excess capacity it can reassign, so may an assignee. Denying the assignee's right to further assign its scheduling rights would inhibit customers who value the capacity most from accessing it and thereby contradict the Commission goal of creating a competitive secondary market for transmission capacity.</p> <p>428. With regard to OASIS modifications necessary to allow for the reassignment of transmission capacity, the Commission in Order No. 890 already directed transmission providers working through NAESB to develop appropriate OASIS functionality to allow for reassignment-related postings. We understand that this work is on-going and expect any necessary modifications to NAESB's business practices that are necessary to reflect our rulings in this order will be adopted prior to the submission of those standards for Commission review. In the interim, transmission providers should identify in their business practices any procedures necessary to accomplish the reassignment of capacity by their customers.</p>			
<b>GROUP 1: POSTING OF ETC; ANNOTATIONS FOR ATC; LOAD FORECAST AND ACTUAL LOAD; RE-BID OF PARTIAL SERVICE; PRECONFIRMATION PRIORITY; and CONDITIONAL FIRM</b>				
	<p>Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority S&amp;CP Requirements</p>	<p>WEQ 2008 Annual Plan Item 2(a)(i)(1)</p>	<p>FORMAL COMMENT: Sent during the 3rd Quarter 2008.                      WEQ EC VOTE: EC notational ballot due January 16, 2008.                      RATIFICATION: The ratification of the Recommendation will be completed during 1<sup>st</sup> Quarter 2008.</p>	
1078	<p><b>Conditional Firm:</b> In Paragraph 1078 of Order 890, the Commission directed transmission providers to "assign short-term firm service to conditional firm customers as the service becomes available." The Commission also directed transmission providers to work with NAESB to "develop the appropriate communications protocols to implement this attribute of conditional firm service." NAESB will develop OASIS business practices (to complement the OASIS S&amp;CPs developed in 2008 AP item 2(a)(i)(1)) that will implement the ability to assign short-term firm service to conditional firm customers.</p> <p>Development of communication protocols for conditional firm including tracking mechanism and regional variation. Need to review the tagging rules related to the use of conditional firm.</p>	<p>WEQ 2008 Annual Plan Item 2(a)(i)(2)</p>	<p>FORMAL COMMENT: 3<sup>rd</sup> Quarter, 2008                      WEQ EC VOTE: 3<sup>rd</sup> Quarter, 2008                      RATIFICATION: 3<sup>rd</sup> Quarter, 2008</p>	<p>Initial working paper of draft requirements to be posted in April 2008.</p>

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	<p>Order 890-A:</p> <p>566. During non-conditional periods, conditional firm service is subject to pro rata curtailment consistent with curtailment of any other long-term firm service. During the hours or specific system conditions when conditional firm service is conditional, conditional firm service share the same curtailment priority as secondary network service. In such circumstances, transmission providers will be allowed to curtail only for reliability reasons and conditional firm customers during conditional curtailment hours will be curtailed only after all point-to-point non-firm customers have been curtailed. If the customer selects the annual hourly cap option, the transmission provider will have the flexibility to conditionally curtail the customer for any reliability reason during those hours, including but not limited to, the system condition(s) identified in the system impact study.</p> <p>567. The Commission provided that short-term firm service reserved prior to the reservation of conditional firm service will maintain priority over conditional firm service in the periods when conditional firm service is conditional, i.e., when specified system conditions exist or conditional curtailment hours apply. Transmission providers were directed to work with NAESB to develop the appropriate communications protocol to allow for automatic assignment of short-term firm point-to-point service to conditional firm customers to the extent short-term service becomes available. Transmission providers need not implement this requirement until NAESB develops appropriate communications protocols.</p> <p>569. Finally, the Commission recognized that there may be some regional variation in the way transmission providers approach the provision of conditional firm service beyond the minimum attributes that established in Order No. 890. The Commission directed transmission providers located in the same region to coordinate among themselves to develop business practices for implementation of the conditional firm service. In order to allow time for this regional coordination, the Commission directed transmission providers to implement these mechanisms and business practices within 180 days after the publication of this Final Rule in the Federal Register, or October 11, 2007.</p> <p>585. We also agree with MidAmerican that a transmission provider's waiver of a reassessment for conditional firm or planning redispatch service does not constitute a waiver of all reassessments for the duration of the service, unless explicitly agreed to by the transmission provider. We reiterate, however, that only one reassessment may be performed in each two-year period of service. We also affirm that any waiver must be granted for similarly situated service, which would include conditional firm or planning redispatch service that is limited because of the same constraints or general system limitations. Such a waiver would be an act of discretion that must be posted on OASIS. Waiver of the reassessment presents an opportunity for discrimination among classes of customers on the part of the transmission provider and posting will provide eligible customers with an indicator of how often conditions or redispatch requirements have been reassessed.</p>			

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369	<p>Transmission providers are directed to develop uniform OASIS posting standards, in coordination with NAESB, for transmission providers to post information regarding waivers of the biennial reassessment for planning redispatch and conditional firm service.</p> <p><b>Annotations for ATC:</b> OASIS Business Practice Standards (to complement the OASIS S&amp;CPs developed in 2008 AP item 2(a)(i)(1)) that will “require that the transmission provider post a brief, but specific, narrative explanation of the reason for a change in monthly and yearly ATC values on a constrained path.” The posting requirements will include posting of “(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).”</p>	WEQ 2008 Annual Plan Item 2(a)(i)(3)	<p>FORMAL COMMENT: 1<sup>st</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: 2<sup>nd</sup> Quarter, 2008</p>	Assigned to BPS/ESS/ITS (see above BPS/ESS/ITS item that reference WEQ 2008 AP Item 2(b)(v)(3)). <b>Voted out of subcommittee for formal comment on February 13, 2008.</b>	
416	<p><b>Load Forecast and Actual Load:</b> OASIS Business Practice Standards (to complement the OASIS S&amp;CPs developed in 2008 AP item 2(a)(i)(1)) for the posting of “load forecasts and actual daily peak load for both system-wide load (including native load) and native load.”</p>	WEQ 2008 Annual Plan Item 2(a)(i)(4)	<p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: 2<sup>nd</sup> Quarter, 2008</p>	Assigned to BPS/ESS/ITS (see above BPS/ESS/ITS item that reference WEQ 2008 AP Items 2(b)(v)(4) and (5)). <b>Voted out of subcommittee for formal comment on March 10, 2008.</b>	
1378	<p><b>Re-bid of Partial Service:</b> OASIS Business practice standards (to complement the OASIS S&amp;CPs developed in 2008 AP item 2(a)(i)(1)) for re-bid of partial service across a single Transmission Provider’s system.</p>	WEQ 2008 Annual Plan Item 2(a)(i)(5)	<p>FORMAL COMMENT: 1<sup>st</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 1<sup>st</sup> Quarter, 2008</p> <p>RATIFICATION: 1<sup>st</sup> Quarter, 2008</p>	<b>Voted out of subcommittee for formal comment on 2/12/2008.</b>	
1392, 1401	<p><b>Pre-confirmation Priority:</b> Development of OASIS business practice standards (to complement the OASIS S&amp;CPs developed in 2008 AP item 2(a)(i)(1)) to prohibit “transmission customers from changing a request into a pre-confirmed request and requiring OASIS platforms to be accessible on non-Windows/Explorer computers.”</p> <p><b>Pre-confirmation Priority:</b> Development of OASIS Business Practice Standards and OASIS S&amp;CPs so that “pre-confirmed non-firm point-to-point transmission service requests and short-term firm point-to-point transmission service requests” have priority though “longer duration requests for transmission service will continue to have priority over shorter duration requests for transmission service.” The standards will be written such that pre-confirmation will serve as a “tie-breaker” when the requests are of equal duration.</p>	WEQ 2008 Annual Plan Item 2(a)(i)(6)	<p>FORMAL COMMENT: 1<sup>st</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 1<sup>st</sup> Quarter, 2008</p> <p>RATIFICATION: 1<sup>st</sup> Quarter, 2008</p>	<b>Voted out of subcommittee for formal comment on 2/12/2008.</b>	

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	Appendix C – OASIS Exemptions	WEQ 2008 Annual Plan Item 2(a)(i)(7)	FORMAL COMMENT: Voted out of subcommittee 12/17/2007. Formal Comment period 12/19/2007 through 1/19/2008. WEQ EC VOTE: Approved February 4, 2008 RATIFICATION: Ratification period to close 3/13/2008	
<b>GROUP 2: METRICS; REDISPATCH COST POSTING</b>				
413	<p><b>Metrics:</b> Business Practice standards s to “post on OASIS metrics related to the provision of transmission service under the OATT” including the posting of:</p> <ul style="list-style-type: none"> <li>• “the number of affiliate versus non-affiliate requests for transmission service that have been rejected”;</li> <li>• “the number for affiliate versus non-affiliate requests for transmission service that have been made”;</li> </ul> <p>These standards will also set forth in the above referenced posting requirements the length of the service request and the type of the service requested</p>	WEQ 2008 Annual Plan Item 2(a)(ii)(1)	FORMAL COMMENT: 1 <sup>st</sup> Quarter, 2008 WEQ EC VOTE: 1 <sup>st</sup> Quarter, 2008 RATIFICATION: 1 <sup>st</sup> Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008.
1318	<p><b>Metrics:</b> OASIS business practice standards to implement the standard performance (planning study) metrics set forth in Order 890, Paragraphs 1308-1317.</p>	WEQ 2008 Annual Plan Item 2(a)(ii)(2)	FORMAL COMMENT: 1 <sup>st</sup> Quarter, 2008 WEQ EC VOTE: 1 <sup>st</sup> Quarter, 2008 RATIFICATION: 1 <sup>st</sup> Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008

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1162	<p><b>Redispatch Cost Posting:</b> Business practices for redispatch cost postings:</p> <ul style="list-style-type: none"> <li>The posting of redispatch information will also include the posting of each transmission provider's "monthly average cost of redispatch for each internal congested transmission facility or interface over which it provides redispatch service using planning redispatch or reliability redispatch under the pro forma OATT."</li> <li>The business practice standards for redispatch cost postings will also include functionality for transmission providers to post "a high and low redispatch for the month" each internal congested transmission facility or interface over which it provides redispatch service.</li> </ul> <p>Order 890-A:</p> <p>621. Transmission providers must post internal constraint or interface data for the month if any planning redispatch or reliability redispatch is provided during the month, regardless of whether the transmission customer is required to reimburse the transmission provider for those exact costs. Thus, if the transmission customer pays for planning redispatch pursuant to a negotiated fixed rate, the transmission provider is required to post and calculate the monthly average redispatch costs and the high and low costs in the month even though the transmission provider will bill the customer the fixed rate. The same posting requirement applies if the customer is paying a monthly "higher of" rate. The Commission concluded that the relevant reliability redispatch costs for posting purposes are those costs the transmission provider invoices network customers based on a load ratio share pursuant to section 33.3 of the pro forma OATT. The transmission provider must post this data on OASIS as soon as practical after the end of each month, but no later than when it sends invoices to transmission customers for redispatch-related services. The Commission directed transmission providers to work in conjunction with NAESB to develop this new OASIS functionality and any necessary business practice standards.</p>	WEQ 2008 Annual Plan Item 2(a)(ii)(3)	<p>FORMAL COMMENT: 1<sup>st</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 1<sup>st</sup> Quarter, 2008</p> <p>RATIFICATION: 1<sup>st</sup> Quarter, 2008</p>	<b>Voted out of subcommittee for formal comment on 2/12/2008</b>
<b>GROUP 3: NETWORK SERVICE ON OASIS</b>				
385	<p>Development of OASIS business practice standards and OASIS S&amp;CPs for "transmission providers and network customers to use OASIS to request designation of new network resources and to terminate designation of network resources."</p> <p>Shall be posted on OASIS for 90 days and available for audit for a 5 year period.</p>	WEQ 2008 Annual Plan Item 2(a)(iii)(1) See also WEQ 2008 Annual Plan item 3(a)(ii)	<p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 3<sup>rd</sup> Quarter, 2008</p> <p>RATIFICATION: 3<sup>rd</sup> Quarter, 2008</p>	Concept Paper posted 11/7/2007.

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Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
385	The standards will include the ability to electronically query requests to designate and terminate network resources and will require development of OASIS templates and to allow for queries of all information provided with designation requests.	WEQ 2008 Annual Plan Item 2(a)(iii)(2) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.
1477	The standards will include the ability to mask information "about operating restrictions and generating cost on OASIS"	WEQ 2008 Annual Plan Item 2(a)(iii)(3) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.
1477	Development of OASIS business practice standards and OASIS S&CPs that describe the procedural requirements for submitting designations over any new OASIS functionality. Order 890-A: 919. The Commission clarifies, in response to South Carolina E&G's request, that the language in paragraph 1521 of Order No. 890 is only meant to be a paraphrase of the more detailed attestation to be provided in the pro forma OATT itself. A network customer designating network resources should submit an attestation using the language set forth in sections 29.2(viii) and 30.2 of the pro forma OATT, as amended in Order No. 890, not the language of the preamble. A network customer is not permitted to merely reference the applicable section of the pro forma OATT when completing the attestation requirement. If the OASIS customer comment section does not currently allow enough space for a network customer to provide its attestation, transmission providers should modify, in coordination with NAESB, OASIS functionality to accommodate the full attestation. In the interim, the transmission provider should identify alternate means, such as by telefax or e-mail, for the network customer to provide the attestation.	WEQ 2008 Annual Plan Item 2(a)(iii)(4) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.

# North American Energy Standards Board

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Order 890 Work Plan				
Order Cite	Action Item/Work Plan	Action Item Home	Target Dates	Status
1504	Development of OASIS business practice standards and OASIS S&CPs to specify how designated network service informational postings are posted on OASIS . Develop details of how the view, download, and query requirements for information posted regarding network resource designations informational postings.	WEQ 2008 Annual Plan Item 2(a)(iii)(5) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.
1532	Development of OASIS business practice standards and OASIS S&CPs to set forth the "treatment of OASIS requests when the customer fails to provide the necessary attestation," when submitting a request to designate a new network resource. Attestation: Formatting of attestation information that will be provided on OASIS.	WEQ 2008 Annual Plan Item 2(a)(iii)(6) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.
1541	Development of OASIS business practice standards and OASIS S&CPs to describe "the procedural requirements for submitting both temporary and indefinite terminations of network resources, to allow network customers to provide all required information for such terminations." These business practice standards will include the functionality set forth in Order 890, Paragraph 1541.	WEQ 2008 Annual Plan Item 2(a)(iii)(7) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.
1541	Development of OASIS business practice standards and OASIS S&CPs to describe "the procedures for submitting and processing requests for concomitant evaluations of transmission requests and temporary terminations.	WEQ 2008 Annual Plan Item 2(a)(iii)(8) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 2 <sup>nd</sup> Quarter, 2008 WEQ EC VOTE: 3 <sup>rd</sup> Quarter, 2008 RATIFICATION: 3 <sup>rd</sup> Quarter, 2008	Concept Paper posted 11/7/2007.
<b>GROUP 4: CONDITIONAL FIRM; PRE-EMPTION; REQUEST R05019; and REVISIONS TO STANDARD 9.7</b>				
1407	<b>Pre-emption:</b> Revise OASIS business practice standards and OASIS S&CPs so that "a new pre-confirmed request for transmission service would preempt a request of equal duration that has been accepted by the transmission provider but not yet confirmed by the transmission customer." It is the expectation that the business practice standards to address preemption will be developed in conjunction with NAESB Request No. R05019 to modify	WEQ 2008 Annual Plan Item 2(a)(iv)(1)	<b>REQUEST FOR RECONSIDERATION PENDING AT FERC MAY IMPACT TARGET DATES.</b> FORMAL COMMENT:3 <sup>rd</sup>	Not Started

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	<p>OASIS standards and OASIS S&amp;CPs to clearly document the procedures used to implement the displacement/interruption terms of the Pro Forma tariff.                      This is consistent with NAESB Standard WEQ 001-4.25.</p> <p><b>Order 890-A:</b></p> <p>814. The Commission affirms the decision in Order No. 890 not to change the “first-come, first served” nature of the reservation process and the right of first refusal. These policies have worked well in the past and, as we explain in Order No. 890, benefit transmission providers and customers alike by facilitating the administration of the reservation process and removing confusion about how to comply.</p> <p>815. We disagree with Duke and TransServ that the right of first refusal policies should be revised based on complex hypotheticals involving the preemption of multiple short-term reservations. The complexities pointed to by these commenters do not by themselves warrant changing the right of first refusal rule. Even though we recognize the potential for complexities to arise under the right of first refusal rule, we believe them to be relatively limited. In the off-chance that multiple eligible customers with short-term reservations choose to exercise their right of first refusal for the same capacity simultaneously, the Commission believes that they should have a right to do so.</p> <p>816. We therefore decline to expand upon the language of the pro forma OATT to account for every factual scenario that could arise under sections 13.2 and 14.2 of the pro forma OATT. Sections 13.2 and 14.2 of the pro forma OATT set forth adequate guidance for transmission providers to fairly administer competing requests, including the priorities for determining which reservations or requests trump one another as well as the timeframes for eligible customers to respond to competing requests. As noted above, we recognize that certain unique cases can present difficult allocation issues, but conclude that these extreme cases arise infrequently in the normal course of business. In the vast majority of cases, we believe the right of first refusal rules are efficient and easy to administer without further amending the governing tariff language, as Bonneville and Southern suggest.</p> <p>817. To the extent necessary, the Commission clarifies that a “competing request” under sections 13.2 and 14.2 of the pro forma OATT may include a transmission service request that overlaps with only part of another existing transmission service reservation since both requests cannot be granted simultaneously. Accordingly, a “competing request” for purposes of sections 13.2 and 14.2 may also include a transmission service request for which transmission capacity cannot be accommodated without preempting one or more existing transmission reservations of parts thereof.</p> <p>818. In response to TransServ and Duke, we clarify that sections 13.2 and 14.2 allow an eligible customer to retain its original reservation by matching the competing service request’s cost or duration terms exactly or by exceeding one or more of the terms of a</p>	<p>Quarter, 2008                      WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008                      RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>		



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	<p>competing transmission service request. Since any "match" by an eligible customer in response to a potentially preempting request, by definition, either exceeds the costs, duration or both of the eligible customer's original reservation, we do not believe eligible customers opting to match a competing request have a strong incentive, if any, to "match" a competing request with terms that exceed the competing request. Nevertheless, we do not see any harm resulting from a match that exceeds the exact terms of a competing request and therefore believe it would not be appropriate to preclude the ability of eligible customers to make such a request.</p> <p>819. With regard to reassignments of capacity in the secondary market, we clarify that the associated right of first refusal under sections 13.2 and 14.2 of the pro forma OATT to match a competing transmission service request applies to the primary transmission service, not the reassignment of scheduling rights. Using TransServ's example, the reassignment of one day of a customer's weekly service would not cause the assignor or the assignee to match a competing three day request for service since the initial one week reservation already exceeded the competing request. The fact that one day of service has been reassigned does not alter the assignor's entitlement to use service for the remaining week reserved.</p>			
	<p><b>NAESB Request No. R05019:</b> During the work to address FERC Order 890, the ESS/ITS will also use the opportunity to modify OASIS standards and S&amp;CP to clearly document the procedures used to implement the displacement/interruption terms of the Pro Forma tariff as requested in <a href="#">NAESB Request No. R05019</a></p>	WEQ 2008 Annual Plan Item 2(a)(iv)(2) R05019	<p><b>REQUEST FOR RECONSIDERATION PENDING AT FERC MAY IMPACT TARGET DATES.</b>                      FORMAL COMMENT: 3<sup>rd</sup> Quarter, 2008                      WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008                      RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>	Not Started
1269	<p><b>Revisions to Standard 001-9.7:</b> NAESB will continue to work to revise NAESB WEQ business practice standard WEQ 001-9.7 (which addresses rollover rights for Redirected transmission service) to be consistent with the Commission's policies.</p> <p><b>Order 890-A:</b>                      697. Pursuant to Section 22 of the pro forma OATT, a transmission customer taking firm point-to-point service may modify its receipt and delivery points, i.e., redirect its service, on either a non-firm or firm basis. In Order No. 676, the Commission adopted the "Standards for Business Practices and Communication Protocols for Public Utilities" developed by the NAESB's Wholesale Electric Quadrant (WEQ). The WEQ standards include standards addressing requirements for redirects on both a firm and non-firm basis, all of which were incorporated by reference into the Commission's regulations except for WEQ Standard 001-</p>	WEQ 2008 Annual Plan Item 2(a)(iv)(3)	<p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008                      WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008                      RATIFICATION: 2<sup>nd</sup> Quarter, 2008</p>	<p>On February 11-12, 2008, the ESS/ITS voted to send this recommendation out for informal comments due March 25, 2008.</p>

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	<p>9.7, which addressed the impact of redirects on the rollover rights of a long-term transmission customer. Order No. 676 directed the WEQ to reconsider WEQ Standard 001-9.7 and develop a revised standard consistent with Commission policy.</p> <p>698. In Order No. 890, the Commission affirmed reliance on the NAESB process to develop business practices implementing the Commission's redirect policy. The Commission also determined that the reforms adopted in Order No. 676, in combination with the OATT-related reforms adopted in this proceeding, were adequate to ensure that transmission providers do not engage in undue discrimination when a customer seeks to modify its receipt and delivery points on a firm basis. With respect to the effect of redirects on rollover rights, the Commission affirmed its policy allowing a redirect of firm, long-term service to retain rollover rights, even if the redirect is requested for a shorter period. The Commission concluded that a transmission customer should not have to choose between maintaining its rollover rights and redirecting on a firm basis. The Commission noted, however, that any change to a delivery point would be treated as a new request for service for purposes of determining availability of capacity. As a result, a redirect right does not grant the customer access to system capacity or queue position different from other customers submitting new requests for service. The Commission also provided guidance regarding the processing of, and pricing for, redirected service.</p> <p>700. If the Commission decides to maintain rollover rights for redirects, MISO proposes the following limitations and requests the Commission to direct NAESB to draft its business practices accordingly. First, MISO suggests that the primary path agreement should have a term of at least five years for any rollover rights to attach. Second, MISO requests that any redirect must be for firm service for one year or longer. If the redirect is for a shorter period, MISO contends that the rollover rights should remain with the original path. Third, MISO requests redirected service to terminate on the same date as the parent service so as to maintain the timing for execution of rollover rights. Finally, MISO suggests that in order to execute a rollover right the redirected service must be requested and granted prior to the one-year deadline for the customer to request rollovers along the original path.</p> <p>702. TransServ also requests clarification regarding the requirement for the rollover right to follow the redirect, regardless of the duration of the redirect. TransServ questions whether a redirect of a long-term firm service reservation for one day qualifies that customer for rollover rights on the redirected service points. TransServ suggests that the Commission instead restrict rollover rights on redirected service points to redirects of five years or longer and further require that the redirect be co-terminus with the original request being redirected. TransServ argues that more guidance regarding implementation of the rollover and redirect policies will facilitate the NAESB standards development process.</p> <p>704. The Commission denies petitioners' requests to amend the rights of rollover customers to redirect their service. Under section 22.2 of the pro forma OATT, a request for a firm</p>			

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	<p>redirect must be treated like a request for new transmission service. As a new request for service, each redirect request is subject to the availability of capacity and subject to the possibility that the transmission provider may not be able to provide rollover rights on the new redirected path. The transmission provider is required to offer rollover rights to a customer requesting a firm redirect only if rollover rights are available on the redirected path, i.e., to the extent not restricted based on reasonable forecasts of native load growth or preexisting contracts that commence in the future.</p> <p>705. As the Commission explained in Order No. 890, rollover rights follow the redirect regardless of the duration of the redirect. A transmission customer making a firm redirect request does not convert its original long-term firm transmission service agreement into two short-term service agreements, nor does it lose its rollover rights under its long-term firm transmission service agreement. At the same time, a customer can exercise its rollover right only at the end of the contract. Thus, if a customer with rollover rights chooses to redirect its capacity for less than the full remaining term of the contract, absent some further request to redirect, the original path will automatically be reinstated and rollover rights would remain on only the original path. By contrast, if the customer chooses to redirect its capacity until the end of its contract, the customer would have rollover rights along only the redirected path, and only to the extent not restricted based on native load growth or future contracts along the redirected path.</p> <p>706. We therefore reject requests to restrict rollover rights to longer-term redirects. A long-term transmission customer may request multiple, successive redirects for firm service. This discretion is limited by the fact that each successive request is treated as a new request for service in accordance with section 17 of the pro forma OATT. Each request is therefore subject to the availability of capacity and subject to the possibility that the transmission provider may not be able to provide rollover rights on the new, redirected path. If the customer has not been granted rollover rights for a redirect that extends to the end of its contract, the redirected service will terminate on the same date as the parent service.</p> <p>707. We also reiterate that a customer cannot exercise any rollover rights unless it first has provided the appropriate notice to the transmission provider. If a customer requests and is granted a rollover right prior to the relevant notice deadline (60 days for pre-Order No. 890 agreements or one year for all others) and subsequently requests and is granted a redirect for firm service for the remainder of the contract term (i.e., within the notice period), the new reservation governs the rights at the new receipt and delivery points and the customer can obtain rollover rights with respect to the redirected capacity to the extent rollover rights are available for the redirected points. If, however, a customer fails to request a rollover right prior to the relevant notice deadline, the customer forfeits rollover rights along the current or any redirected path.</p> <p>708. We clarify, to the extent necessary, that transfer capability is not freed up for earlier</p>			

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	<p>queued service requests until a redirect has been granted. A redirect request must be evaluated in accordance with section 17 of the pro forma OATT using the same system assumptions and analysis applicable to any other new request for service, including whether sufficient ATC exists to accommodate the request. If there is insufficient ATC to offer service to customers in the queue, and an existing customer requests redirected service, any increase in ATC along the original path is contingent upon the acceptance and confirmation of the redirect. It cannot be assumed at the time of a redirect request that the transmission provider will grant the request.</p>			
<b>GROUP 5: PARAGRAPH 1377</b>				
1377	<p>NAESB will develop business practice standards to facilitate the coordination of requests across multiple transmission systems using the principles set forth in Paragraph 1377 of Order 890.</p> <p>Develop S&amp;CPs related to coordination of request across multiple transmission systems.</p> <p>Order 890-A:</p> <p>762. The Commission also required transmission providers working through NAESB to develop business practice standards to better coordinate transmission requests across multiple transmission systems. In order to provide guidance to NAESB, the Commission articulated the principles that should govern processing across multiple systems. The Commission further required transmission providers working through NAESB to develop business practice standards to allow a transmission customer to rebid a counteroffer of partial service so the transmission customer can take the same quantity of service for linked transmission service requests across multiple systems. The Commission explained that the transmission customer should not be required to take the same quantity of service across consecutive transmission service requests and, instead, it should simply have the option to do so.</p> <p>766. The Commission affirms the decision in Order No. 890 to rely on the NAESB process to develop business practices to govern the processing of transmission requests across multiple transmission systems. We decline to dictate at this time, beyond those principles outlined in Order No. 890, the particular practices that must be implemented. It is more appropriate to allow transmission providers working through NAESB, in the first instance, to consider how best to ensure coordination across multiple systems. It is also appropriate to give NAESB an open timeframe to develop these standards since they must be broad enough to account for the complexities of coordinating multi-system transmission service requests.</p>	WEQ 2008 Annual Plan Item 2(a)(v)(1)	<p>FORMAL COMMENT: 4<sup>th</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008</p> <p>RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>	Not Started

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Order 890 Work Plan				
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1378	<p><b>Re-bid of Partial Service:</b> OASIS Business practice standards for re-bid of partial service across multiple Transmission Providers' systems.</p> <p>NAESB will develop business practice standards to "allow a transmission customer to rebid a counteroffer of partial service so the transmission customer is allowed to take the same quantity of service across all linked transmission service requests.</p>	WEQ 2008 Annual Plan Item 2(a)(v)(2)	<p>FORMAL COMMENT: 4<sup>th</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008</p> <p>RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>	Not Started
<b>GROUP 6: MISCELLANEOUS</b>				
1390	<p>NAESB plans to review the existing business functions set forth in the NAESB WEQ standards to determine if changes should be made to address Paragraph 1390 of Order 890.</p> <p>FERC: OATT is sufficient to allow a Transmission Provider to manage situations where the Transmission Customer modifies its application for service to the point that the request is "meaningfully different" than initial request.</p> <p>ESS/ITS: need to review if this has any impact on business functions.</p>	WEQ 2008 Annual Plan Item 2(a)(vi)(1)	<p>FORMAL COMMENT: 3<sup>rd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008</p> <p>RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>	Not Started
1627	<p>Development of OASIS business practice standards and OASIS S&amp;CPs for "the posting of additional curtailment information on OASIS" via a "detailed template for the posting of additional information on OASIS regarding firm transmission curtailments.</p> <p>Posting of curtailment information on OASIS: develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments.</p> <p><b>Order 890-A:</b></p> <p>973. The Commission did not propose in the NOPR, or adopt in Order No. 890, any changes to the terms and conditions under which a transmission provider may curtail service to maintain reliable operation of the grid, as set forth in sections 13.6 and 14.7 for point-to-point service and section 33 for network service. The Commission did, however, conclude that the posting of additional curtailment information is necessary to provide transparency and allow customers to determine whether they have been treated in the same manner as other transmission system users, including customers of the transmission provider. Accordingly, the Commission required transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments, including all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment.</p>	WEQ 2008 Annual Plan Item 2(a)(vi)(2)	<p>FORMAL COMMENT: 3<sup>rd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008</p> <p>RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>	Not Started

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Order 890 Work Plan				
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1005	<p><b>Redispatch Cost Posting:</b> Business practices for redispatch cost postings: The business practice standards for redispatch cost postings will include OASIS business practices and any needed additions or revisions to the OASIS Standards &amp; Communication Protocols (S&amp;CPs) to allow for posting of third party offers of planning redispatch services. The business practice standards developed for redispatch cost postings may affect the existing NAESB business practice standards for Transmission Loading Relief. (moved from Group 2)</p> <p>Order 890-A:</p> <p>568. Transmission providers also were directed to work with customers to facilitate the use of third party generation, where available, in provision of planning redispatch. To facilitate provision of redispatch service by third parties, the Commission further directed transmission providers, working through NAESB, to modify their OASIS sites and develop any necessary business practices to allow for posting of third party offers to provide planning redispatch. Again, transmission providers were not required to implement the new OASIS functionality and any related business practices until NAESB develops appropriate standards.</p>	WEQ 2008 Annual Plan Item 2(a)(vi)(3)	<p>FORMAL COMMENT: 3<sup>rd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 4<sup>th</sup> Quarter, 2008</p> <p>RATIFICATION: 4<sup>th</sup> Quarter, 2008</p>	Not Started
243-244	<p><b>Posting of ETC:</b> OASIS business practice standards and S&amp;CPs necessary to implement the Business Practice Standards developed to complement NERC Reliability Standards for <b>Existing Transfer Capability (ETC)</b> 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. (moved from Group 1)*</p> <p>*Requirements for a “consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses” is assigned to BPS/ESS/ITS (see above BPS/ESS/ITS item that references WEQ 2008 AP Items 2(b)(ii)(2)).</p>	WEQ 2008 Annual Plan Item 2(a)(vi)(4)	<p>FORMAL COMMENT: 2<sup>nd</sup> Quarter, 2008</p> <p>WEQ EC VOTE: 2<sup>nd</sup> Quarter, 2008</p> <p>RATIFICATION: 2<sup>nd</sup> Quarter, 2008</p>	Not started. Task may be completed by BPS/ESS/ITS.

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	<b>GROUP 7: Tagging for Conditional Firm Service, Submittal Windows</b>			
Order 890-A, paragraph 592	<p><b>Tagging for CFS:</b> Within 180 days of Order 890-A publication, develop tracking capabilities and business practices for tagging for implementation of conditional firm service.</p> <p><b>Order 890-A:</b>                      592. We agree with petitioners that the NAESB rules regarding tagging do not allow a transmission provider to change the tag of a transmission customer. That is why, in Order No. 890, the Commission directed transmission providers to coordinate with other transmission providers in their regions to develop their own business practices to implement the tagging and tracking of conditional firm service. Upon consideration of petitioners' concerns, we grant rehearing to require transmission providers, in coordination with NERC and NAESB, to develop within 180 days of publication of this order in the Federal Register a consistent set of tracking capabilities and business practices for tagging for implementation of conditional firm service. We agree with petitioners that a consistent set of practices followed by the industry will reduce transmission provider discretion and bring uniformity in implementing conditional firm service. In the interim, the existing business practices of each transmission provider for tracking and tagging conditional firm service shall remain in effect.</p>	WEQ 2008 Annual Plan Item TBD	FORMAL COMMENT: WEQ EC VOTE: RATIFICATION:	Assigned to the ESS/ITS. Order 890-A publications date: January 16, 2008.
Order 890-A, paragraph 805	<p><b>Submittal Windows:</b> Standardized practices for allocating capacity among requests received during a submittal window.</p> <p><b>Order 890-A:</b>                      805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.</p>	WEQ 2008 Annual Plan Provisional Item TBD	FORMAL COMMENT: WEQ EC VOTE: RATIFICATION:	



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NAESB ORDER NO. 698 MEETING SUMMARY  
 MARCH 17, 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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- **January 25, 2008:** NAESB received and responded to correspondence from the Kansas Corporation Commission 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. Comments in support of adding an additional bumpable period were received from Arizona Corporation Commission, Arizona Electric Power Corporation, 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 intraday timelines effort includes now a review of three proposals – TVA and APS, a pipeline collaborative, and EPNG. 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 will be 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.
- **Planned, April 22-23, 2008:** AGA in Washington DC is the host of the meeting, the focus of which will be the continued effort on intraday nomination proposals, should it be determined that a meeting is needed.
- **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](http://www.naesb.org/WGQ/wgq_bps_698.asp).



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### NAESB ORDER NO. 698 REFERENCE DOCUMENTS, TIMELINE AND SYNOPSIS MARCH 17, 2008

#### REFERENCE DOCUMENTS -- RELATED WORK PAPERS:

- [WGO Annual Plan](#) approved by the Board of Directors, June 28, 2007
- [FERC Order No. 698](#): 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.
- [NRR I Primer](#), Dated July 2006 - The National Regulatory Research Institute (NRR I), Briefing Paper - Efforts to Harmonize gas Pipeline Operations With the Demands of the Electricity Sector
- [DoE Primer](#), 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](#), 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 NRR I is issued addressing issues identified in the GEIC Report
- **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](#) 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



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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 an Order No.](#) (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](#), 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 SYNOPSIS:

- 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 schedule, 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.

#### ORDER NO. 698 STANDARDS SYNOPSIS:

- ¶ 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.”



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### NAESB ORDER NO. 698 REFERENCE DOCUMENTS, TIMELINE AND SYNOPSIS MARCH 17, 2008

- ¶ 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

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#### Proposed Modified WGQ Standard No. 5.3.26 (Redline)

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. 5.3.26 (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.

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#### Proposed Modified WGQ Standard No. 5.3.1 (Redline)

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,
- 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:

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- 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,
- 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.



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NAESB ORDER NO. 698 – (7A) INDEXED PRICING STANDARDS APPROVED BY THE SUBCOMMITTEE

### 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.

### 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.



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### 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 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





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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.

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.



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**NAESB ORDER NO. 698 – (7A) INDEXED PRICING STANDARDS APPROVED BY THE SUBCOMMITTEE**

### **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 COMMITTEE

**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.



## North American Energy Standards Board

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### NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS -- EXISTING NAESB WQG 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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### NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS

#### Timely / Intraday Nomination Timeline Proposed by TVA and APS

Nomination Cycle	Nomination Deadline	Confirmation Deadline	Scheduled Quantity Available By	Flow Time
<b>Timely (Cycle 1)</b>	<b>11:30 a.m.</b> the day before the gas flows	<i>1:30 p.m. the day before the gas flows</i>	<i>2:30 p.m. the day before the gas flows</i>	<b>9:00 a.m.</b>
<b>Evening (Cycle 2)</b>	<b>6:00 p.m.</b> the day before the gas flows	<i>8:00 p.m. the day before the gas flows</i>	<i>9:00 p.m. the day before the gas flows</i>	<b>9:00 a.m.</b>
<b>Intraday 1 (Cycle 3)</b>	<i>9:00 a.m. the gas day</i>	<i>11:00 a.m. the gas day</i>	<i>12:00 p.m. the gas day</i>	<b>3:00 p.m.</b>
<b>Intraday 2 (Cycle 4)</b>	<i>4:00 p.m. the gas day</i>	<i>6:00 p.m. the gas day</i>	<i>7:00 p.m. the gas day</i>	<b>7:00 p.m.</b>
<b>Intraday 3 (Cycle 5) No Bump</b>	<i>8:00 p.m. the gas day</i>	<i>9:30 p.m. the gas day</i>	<i>10:00 p.m. the gas day</i>	<b>10:00 p.m.</b>
<b>Intraday 4 (Cycle 6) No Bump</b>	<i>5:00 a.m. the gas day (EDI is not available for this cycle)</i>	<i>6:30 a.m. the gas day</i>	<i>7:00 a.m. the gas day</i>	<b>7:00 a.m.</b>

*Italic Denotes New or Changed*



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### NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS

	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

<u>Deadline</u>	<u>All Cycles</u>
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.
<b>4:59 AM</b>	Capacity Release Award (Biddable Not Pre-Arranged) for Intraday 4 (Cycle 6)
<b>5:00 AM</b>	Intraday 4 (Cycle 6 -No Bump) Nomination deadline for today's flow. EDI is not available for this cycle.
<b>6:00 AM</b>	Releasing Shipper Recall Notice for Intraday 1 (Cycle 3) for today's flow.
<b>6:30 AM</b>	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.
<b>8:59 AM</b>	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

<u>Deadline</u>	<u>All Cycles</u>
<b>11:00 AM</b>	Confirmation Deadline of Intraday 1 (Cycle 3) for today's flow.
<b>11:29 A.M.</b>	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.
<b>1:30 PM</b>	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).
<b>3:59 PM</b>	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.
<b>5:30 PM</b>	Releasing Shipper Recall Notice for Intraday 3 (Cycle 5) for today's flow.





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## NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS

<u>Deadline</u>	<u>All Cycles</u>						
<b>5:59 PM</b>	Capacity Release Award/Posting & Contracting (Pre-Arranged Non-Biddable) for Evening (Cycle 2)						
<b>6:00PM</b>	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.						
<b>6:30PM</b>	Pipeline provides notification of Intraday 3 (Cycle 5) Recall to all affected Replacement Shippers for today's flow.						
<b>7:00 PM</b>	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.						
<b>7:59 PM</b>	Capacity Release Award, Posting & Contracting (Pre-Arranged Non-Biddable) for Intraday 3 (Cycle 5)						
<b>8:00 PM</b>	Confirmation Deadline of Evening (Cycle 2) for tomorrow's flow. Intraday 3 (Cycle 5-No Bump) Nomination deadline for today's flow.						
<b>9:00 PM</b>	Receipt of Evening (Cycle 2) Scheduled quantities for tomorrow's flow.						
<b>9:30 PM</b>	Confirmation Deadline of ID3 (cycle 5--No Bump) for today's flow.						
<b>10:00 PM</b>	Receipt of Intraday 3 (Cycle 5-No Bump) Scheduled quantities and start of Gas Flow for Intraday 5 (Cycle 5)						
<b>Color code:</b>	<table border="1"> <tr><td>Timely</td></tr> <tr><td>Evening (Cycle 2)</td></tr> <tr><td>ID1 (Cycle 3)</td></tr> <tr><td>ID2 (Cycle 4)</td></tr> <tr><td>ID3 (Cycle 5)</td></tr> <tr><td>ID4 (Cycle 6)</td></tr> </table>	Timely	Evening (Cycle 2)	ID1 (Cycle 3)	ID2 (Cycle 4)	ID3 (Cycle 5)	ID4 (Cycle 6)
Timely							
Evening (Cycle 2)							
ID1 (Cycle 3)							
ID2 (Cycle 4)							
ID3 (Cycle 5)							
ID4 (Cycle 6)							
<b>EPKQ/ EPSQ:</b>	Timely - Cycle 1 is not effected as it occurs prior to the start of gas day flow.						



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### NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM TVA AND APS

<u>Deadline</u>	<u>All Cycles</u>
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 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
<b>Gas Flow Hours</b>		21	24	15	16	24	9
<b><u>Scheduling Deadlines</u></b>							
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
<b><u>Biddable Capacity Release Transactions</u></b>							
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						
<b><u>Recall/Reput Transactions</u></b>							
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
<b><u>Non-Biddable Capacity Releases</u></b>							
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

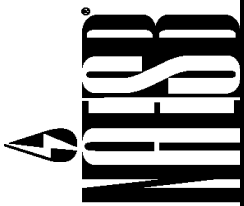
Morning Cycle Comes after Morning Peak, but allows shippers who may not know that they have to flow or need changes for the next day, a chance to get 21 hours of flow next day.

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.

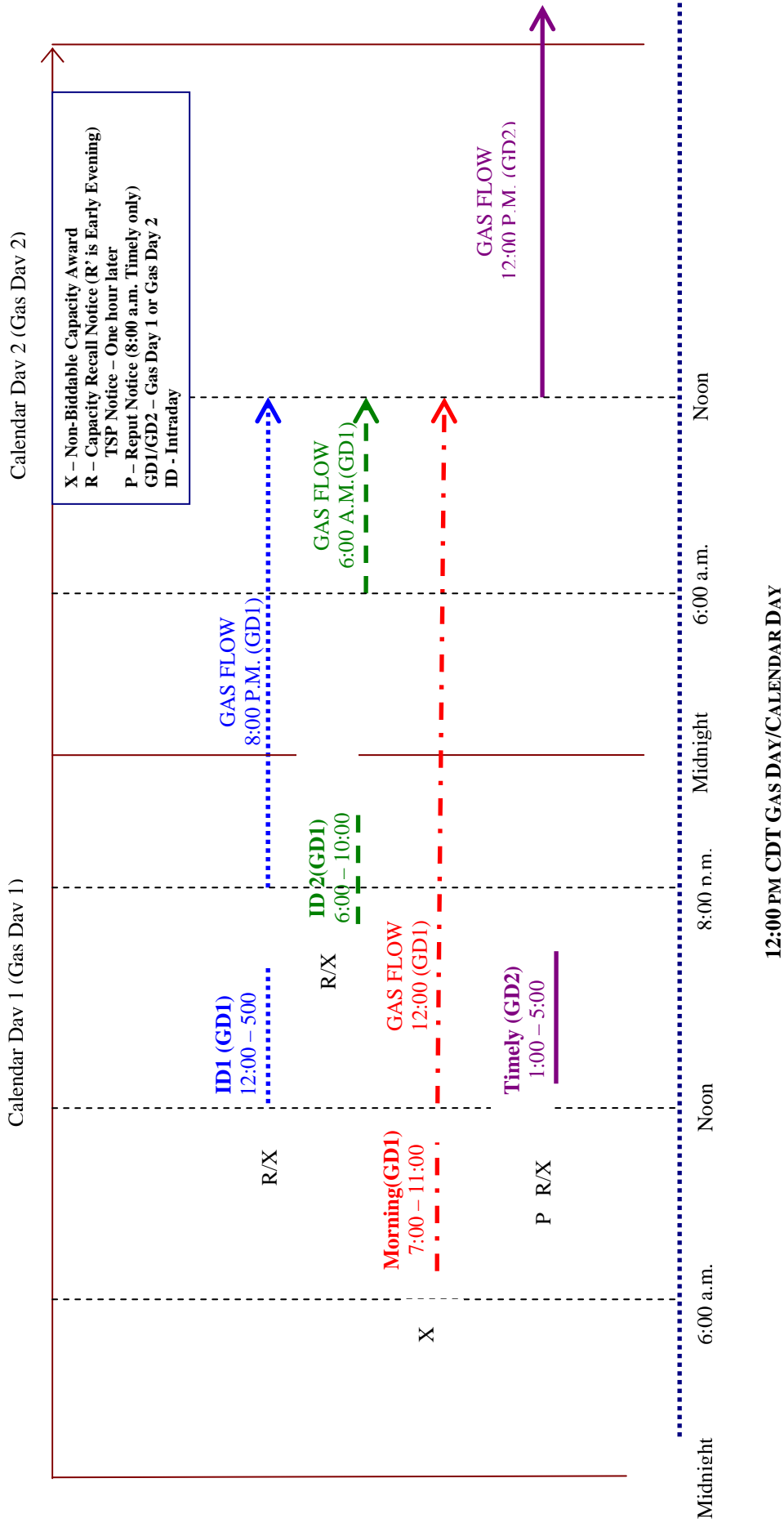
All contracting / capacity release is done during daytime hours.

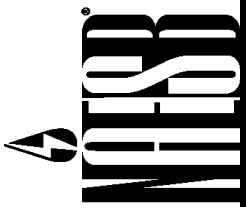


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## NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM EPNG



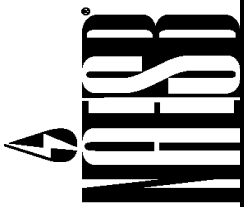


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## NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM EPNG

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)



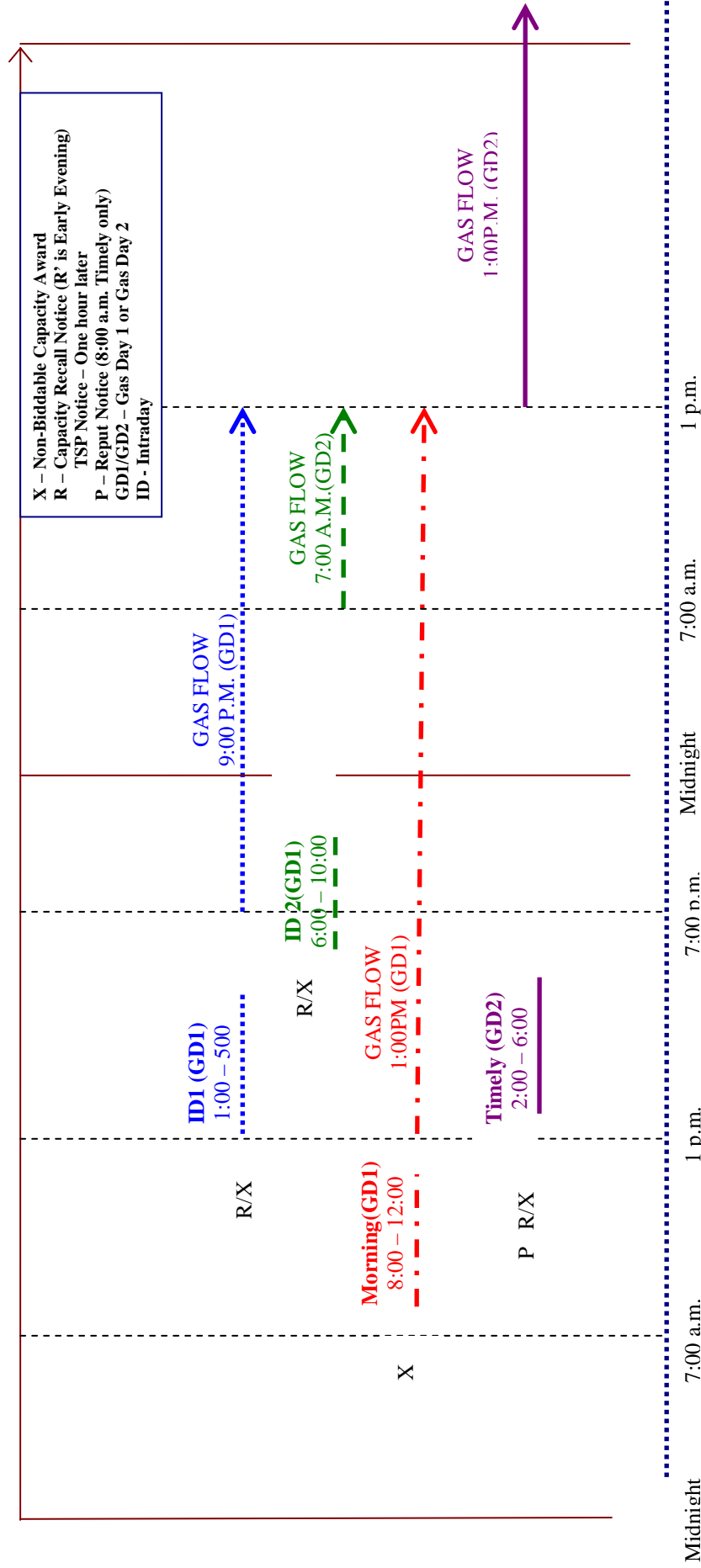
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## NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM EPNG

Calendar Day 1 (Gas Day 1)

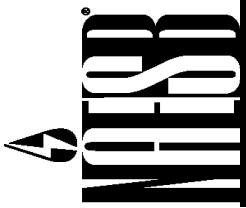
Calendar Day 2 (Gas Day 2)



X - Non-Biddable Capacity Award  
 R - Capacity Recall Notice (R' is Early Evening TSP Notice - One hour later)  
 P - Reput Notice (8:00 a.m. Timely only)  
 GD1/GD2 - Gas Day 1 or Gas Day 2  
 ID - Intraday

1:00 PM CDT GAS DAY/CALENDAR DAY





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## NAESB ORDER NO. 698 – (7C) INTRADAY NOMINATIONS PROPOSAL FROM EPNG

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 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 (eg. 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.

**PLEASE NOTE THAT THE 2 MODELS NOTED FOLLOWS AT THE END OF THIS REPORT.**



## North American Energy Standards Board

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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. Evaluate the need for two opportunities for full day scheduling.
12. Provide opportunities to minimize exposure to imbalance penalties or quantities.
13. Attempt to provide as many useful bumpable cycles as possible.
14. Minimize impact on the financial markets.
15. Ensure flow times promote reliability and safety.
16. Provide opportunities for operationally feasible non-bumpable late day nominations.
17. Accommodate capacity release timeline.

Discussion for the next meeting (April 22-23, 2008):

- Encourage pipelines to offer and provide imbalance services. (Scope?)



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**March 11, 2008**

Ms. Rae McQuade, Director

North American Energy Standards Boards  
1301 Fannin  
Suite 2350  
Houston, Tx 77002

**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:

- 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?
- What are the longer term needs? What is the next logical step?
- What criteria would be used to evaluate all models being considered?

From TransCanada’s perspective, some issues with the current model include:

- 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.
- 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.
- Overlapping cycles (eg. 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:

- Reduce the time between nomination deadline and flow time to improve nominating efficiency and accuracy.
- Simplify the structure of the model by minimizing overlap and eliminating duplicates.
- Critical start of day and end of day nomination cycles are within or close to normal business hours across the grid.

Page 2  
March 11, 2008

TranCanada Proposal for Intraday Timelines  
Page 2 of 6

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.

Regards



K.R. (Ken) Schubert  
Sr. Business Analyst, Customer Service  
TransCanada Pipelines Limited

## Nomination Timelines Workpaper

### For Discussion Purposes

For Consideration By NAESB Wholesale Gas Quadrant,  
Business Practices Subcommittee:

Submitted March 11, 2008 by:  
TranCanada PipeLines Limited  
Canadian Mainline



### Nomination Timelines



#### Before Making Changes ...

- Regarding the current model:
  - Any issues?
  - Are any of these structural?
- Regarding a future model:
  - What is the longer term vision?
  - What is the next logical step?
  - What evaluation criteria will be used?



## Challenges with Current Model



- 3 cycles have nom deadlines 7 or more hrs from flow time
  - Not aligned with volatile or unpredictable markets
  - Current business hours don't enable the nom deadline to be close to the start of gas day (0900 CCT)
- Inefficiency of duplicate cycles
  - Timely & Evening are for same flow time
- Complexity of overlapping cycles
  - Timely cycle for next day & ID 1 for current day
  - Evening cycle for next day & ID 2 for current day

3 Canadian Mainline



## 2 Models Submitted - For Discussion Purposes

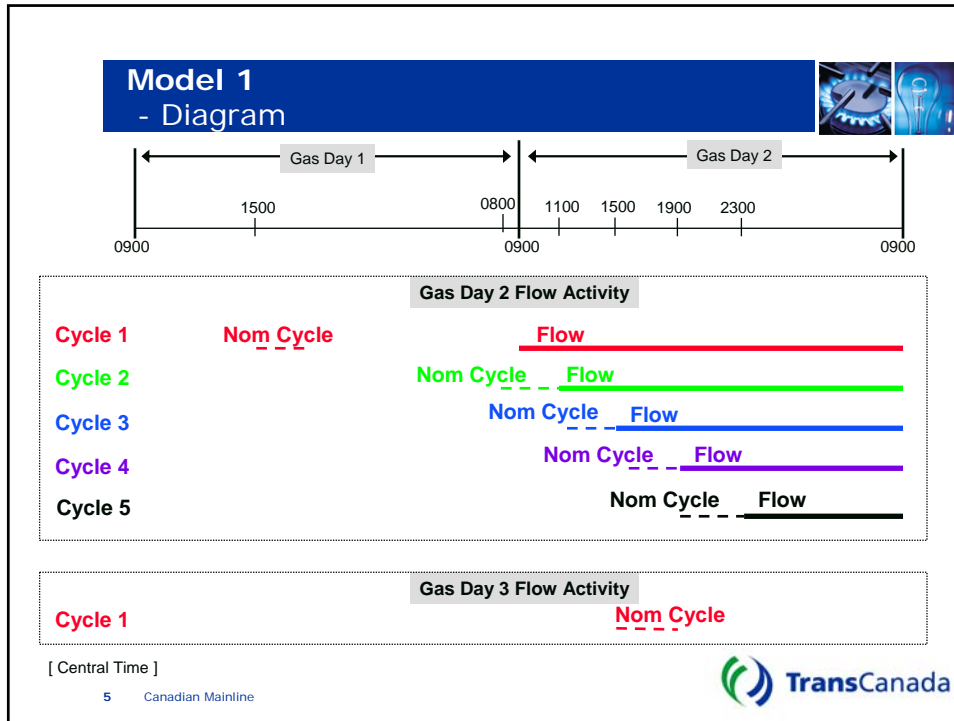


### Criteria used for following 2 models:

- Reduce the time between nom deadline & flow time
  - Model 1: 3.5 hrs for all intraday cycles
  - Model 2: 3.5-4 hrs for all cycles
- Simplify the structure of the model
  - Improve consistency, minimize overlap, no duplicates
- Start & end of day cycles are within or close to normal business hours

4 Canadian Mainline





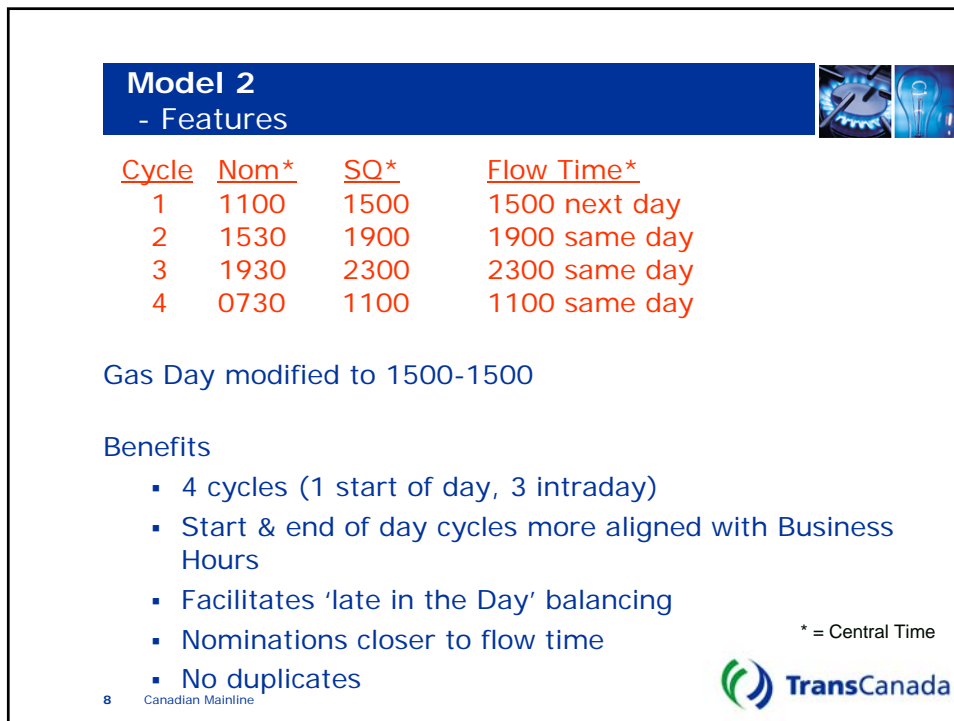
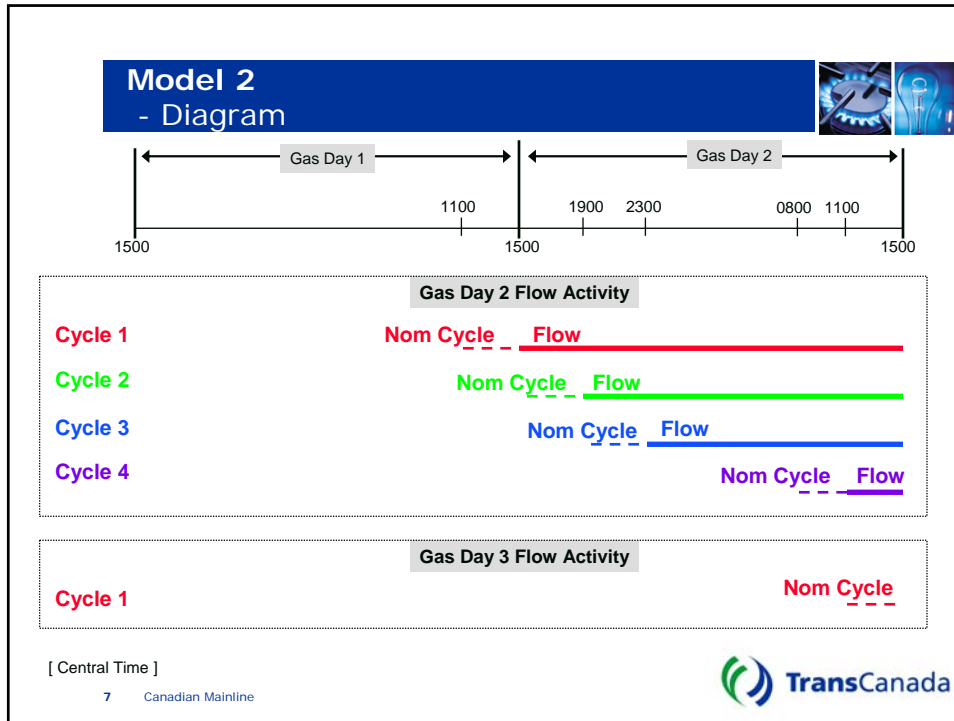
### Model 1 - Features

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  
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### NAESB DSM-EE ACTIVITY SUMMARY FEBRUARY 22, 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 if 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 FEBRUARY 22, 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:** Meeting hosted by BGE in Baltimore. During the meeting, each of the four task groups (wholesale matrix, retail matrix, glossary and preamble) discussed their progress with a focus on demand response programs and aspects of those programs that would be relevant to development of business practices for measurement and verification.
- **Planned, March 28, 2008** – Planned meeting hosted by NAESB office in Houston
- **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
- WHOLESALe MATRIX AND WORK PLAN
- RETAIL WORK PLAN AND MATRIX



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Gregory M. Urbin, Constellation NewEnergy	
Teri Van Sumeren, Consumers Energy	
Shannon Venable, Dominion	

## ISO/RTO Work Plan for NAESB Wholesale EE/DSM Standards

#	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 <i>Complete</i>	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 TBD <i>Complete</i>	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 <i>Complete</i>	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 completed 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 <i>Complete</i>	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 <i>Complete</i>	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	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	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	Week of 2/11/08, TBD.	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	E. Winkler lead, Scott COE, review by All
10	ISO/RTO Conference Call	This call is designed to review and discuss the draft wholesale standards.	Provide agreement on draft standards to be submitted to NAESB	Week of March 10, 2008. TBD	All
11	Present Wholesale standards developed by ISO/RTOs to NAESB DSM/EE Standards Committee	ISO-RTO document 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

Yellow denotes added item

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Please add names to this list if appropriate

Changes from first draft are shown in italics, based on comments from the group		<b><i>This Section in below in Blue is meant to clarify and focus the M&amp;V content to be filled in below</i></b>					
Frequency	Objective	Qualification/ testing/ auditing	Data reporting/frequency and monitoring	Meter and equipment standards	Performance/baseline	Statistical sampling of non-interval metered loads	
Frequency	Prior to participation in market, and ongoing. Up front process to verify adequate infrastructure (recording and communication equipment and datavalidation procedures) in place. May include on-site inspections, data transfer, actual load reduction test to verify that the resource is able to deliver the committed reductions. Process & procedures for disqualification.	To ensure adequate information to measure DR performance, accurate settlement and real-time operating data as appropriate.	Ongoing and/or event-driven.	To ensure appropriate granularity (frequency of data collection), frequency of data communication, accuracy and validity of data.	Ongoing or event-driven.	To ensure that the methodologies and techniques used to calculate load response and/or recovery create a statistically valid that use alternative to interval metering for measuring DR performance or aggregations of loads, produce results that are statistically valid.	
Description	Requirements around transmission of meter and/or telemetry data to ISO/RTO and market. Includes validation, editing & reporting for a particular product is differentiated by what it is used for, e.g. operations, planning or settlement only.	To ensure that the DR resources are capable of performing, thereby delivering the product(s) being purchased.	Requirements around transmission of meter and/or telemetry data to ISO/RTO and market. Includes validation, editing & reporting for a particular product is differentiated by what it is used for, e.g. operations, planning or settlement only.	Requirements for meter accuracy, calibration, precision & testing and /frequency of above.	Method(s) and techniques used to calculate the DR resource's expected load request. Load response is the difference between its actual metered load and the calculated baseline. How is the baseline calculated.	To ensure that the methodologies and techniques used to calculate load response and/or recovery create a statistically valid that use alternative to interval metering for measuring DR performance or aggregations of loads, produce results that are statistically valid.	
<b>Class of DR Resources</b>	<b>Product Type</b>	<b>When is Product expected to perform - Trigger events</b>	<b>ISO/RTO Program or Product Name</b>	<b>IRC/NERC Category (Ancillary Services, Capacity, Energy Voluntary, Energy Price)</b>	<b>Explanation</b> 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	<b>Explanation</b> Each ISO/RTO program or product has unique trigger events their products and programs to track and define similarities and then translate that back to each ISO/RTO this field should include the program or product name	
Capacity							
Ancillary Services							
Energy Price							
Energy Voluntary							

**How to use this Matrix:**

To the best of your ability fill in the white boxes below. If there are multiple programs or product names or triggers within a Class of DR Resource, please include their names in Column C and the trigger actions as appropriate in column D. 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)



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### Retail Matrix Work Plan for NAESB EE/DSM Standards

Task/Description/Steps	Status
<b>1 FINALIZE THE RETAIL MATRIX SPREADSHEET</b>	
<p>The retail matrix spreadsheet will provide the basis for a utility survey to determine what types of M&amp;V are currently underway for current or past DR programs and what is planned for new programs.</p>	
<ul style="list-style-type: none"> <li>• Decide if spreadsheet needs to be reformatted. <i>Assigned to Rae McQuade, presented at the January DSM-EE meeting.</i></li> </ul>	Completed – 1-17-08
<ul style="list-style-type: none"> <li>• Add additional columns – past programs, current programs, proposed programs <i>Assigned to Rae McQuade, presented at the January DSM-EE meeting.</i></li> </ul>	Completed – 1-17-08
<ul style="list-style-type: none"> <li>• Add examples from BGE and Alabama Power <i>Examples provided by BGE (Ruth Kiselewich) and Alabama Power (Neal Allen).</i></li> </ul>	Completed – 1-17-08
<ul style="list-style-type: none"> <li>• Add examples from ConEd and Puget Sound Energy <i>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.</i></li> </ul>	Completed – 3-18-08, ConEd review of matrix entries is not complete.
<ul style="list-style-type: none"> <li>• Determine if other examples should be added. <i>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.</i></li> </ul>	March 31, 2008
<ul style="list-style-type: none"> <li>• 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.</li> </ul>	After March 28, 2008
<b>2 PREPARE SURVEY</b>	
<p>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.</p>	
<ul style="list-style-type: none"> <li>• Provide cover letter draft for review.</li> </ul>	Outline prepared for review pre-March 28.
<ul style="list-style-type: none"> <li>• 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.</li> </ul>	Outline prepared for review pre-March 28.
<ul style="list-style-type: none"> <li>• 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 with the submitter including work papers forwarded prior to the call, or (2) submitter providing responses directly into the matrix, which may then require a follow up call should additional information be required for the responses.</li> </ul>	



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## Retail Matrix Work Plan for NAESB EE/DSM Standards

Task/Description/Steps	Status
<ul style="list-style-type: none"> <li>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.</li> </ul>	Set up a task force call for this after calls with PSE and ConEd. and cover letter has been drafted
<b>3 CONDUCT SURVEY</b>	
<p>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.</p>	
<ul style="list-style-type: none"> <li>Identify target audience of utilities.</li> <li>Forward survey and contact utility to determine method of completion of survey for matrix entry.</li> <li>Assemble responses in matrix and review for consistency.</li> <li>Identify follow up contacts as a result of review.</li> </ul>	
<b>4 COLLECT AND SUMMARIZE SURVEY RESULTS</b>	
<ul style="list-style-type: none"> <li>Identify similarities within programs, related to M&amp;V that may support development of business practices.</li> <li>Identify regional aspects that should be preserved.</li> <li>Determine if business practices have target area for applicability.</li> </ul>	
<b>5 REPORT TO NAESB</b>	
<p>Report out on preliminary assessment of the responses with a proposed work plan to complete the analysis and recommend next steps.</p>	
<ul style="list-style-type: none"> <li>Draft report</li> <li>Review draft report with contributors and edit as needed</li> <li>Prepare presentation of results for DSM-EE subcommittee</li> </ul>	



NAESB Retail DSM-EE Matrix  
For Review March 28, 2008

**How to use this Matrix:**

To the best of your ability fill in the matrix with the 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
<b>Qualification/testing/ auditing</b>	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?"
<b>Data reporting-frequency and monitoring</b>	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). <i>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..</i> 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.
<b>Meter and equipment standards</b>	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 <i>and frequency of above.</i> 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.
<b>Performance/baseline</b>	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 answered in the responses for performance/baseline: <i>How is the baseline calculated? How is an acceptable default reached for a utility operating in a non-ISO footprint?</i> In comparison to the wholesale market, ISOs establish baselines and compare to usage immediately prior to an event.
<b>Statistical sampling of non-interval metered loads</b>	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.
<b>Deployment Limitations</b>	Define any maximum number of events or hours of program deployment. <i>Limitations of the number of times the event is called, the length of an event, the % of participants</i>	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
<b>Regulatory and market context</b>	<i>This would be helpful to identify the different regulatory contexts under which programs operate.</i>	N/A	Context under which the service or program is being offered.
<b>Class of DR Resources</b>	Notes:		
<b>Submitter</b>	These columns were added to indicate the submitters and the status of the programs described		
<b>Status</b>	These columns were added to indicate the submitters and the status of the programs described		
<b>Product Type</b>			
<b>Category</b>	Ancillary Services, Capacity, Energy Voluntary, Energy Price		
<b>Program or Product Name</b>	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		
<b>When is Product expected to perform -Trigger events</b>	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.		

Class of DR Resources		Specifics of the DR Program Being Described					MLV Aspects of the DR Programs				Regulatory and market context	
Capacity	Price and Capacity Program	Submitter	Status	Product type	Category	Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	
Capacity		Dominion, Ripley Newcomb, 804-771-4637, ripley.newcomb@dom.com	Program not in effect today	Residential Water Heater Control Program		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 net kW per customer reduction from the load study.	The company will maintain access through the provided phone line and will collect half-hourly load data every 24 hours.	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. Accuracy of the meter samples 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 included in the program. 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 capability study determined at or above 90% of the 250 homes will be adequate, a 4 should produce an error bound within +/- 5%. If not to gross operability drops below 90%, then a full sample of 250 homes will be required. If a lighter error bound is necessary, a larger sample will be required. (NOTE: This recommendation based on "PJM Deemed Savings for Legacy AC/WH Programs" report.)		
Energy Price		Dominion, Ripley Newcomb, 804-771-4637, ripley.newcomb@dom.com	Program not in effect today	Real Time Pricing rate (RTP)		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, modem, software, 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 pilot seeks to provide PSE to practical knowledge and meter and summer control facilities. 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 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.	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 ENERGY LEVELS AND INCREMENTAL ENERGY USAGE.	Not sampled.		
Capacity		Prestige Sound Energy, Shannon McCormick, 425-266-2399, shannon.mccormick@pse.com	Program in effect today and began December 2007. The program will end in December 2009.	Direct Load Control		The pilot program is administered by EnerNOC/PSE. Participants are provided a no-cost site assessment of potential curtailable loads. Site enablement requires of 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 meter and summer control facilities. 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 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.	Demand pulse interval IDR, meeting company standards for accuracy. Modem and phone line provided by customer.	Performance is calculated based on the highest ten business days of the previous ten business days for a given participant.	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 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.	
Price and Capacity Program		ConEd, Elena Fuoyan, 212-460-2228, fuoyane@coned.com	Program in effect today	Commercial-Industrial Load Control Pilot Program		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 no winter capability option for the mandatory program at this time.	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 baseline 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 a time stamp meter.	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

NAESB DSM-EE Retail Matrix  
For Presentation on March 28, 2008

Class of DR Resources		Specifics of the DR Program Being Described					M&V Aspects of the DR Programs				
		Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	Regulatory and market context			
Capacity	Submitter	Alabama Power, Neal Allen, 205-257-8579, hnalien@southernco.com	Two way communication devices. We send test and customer 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.	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 Alert notice. Can be utilized for locational reliability issues if necessary.									
Capacity	Submitter	Alabama Power, Neal Allen, 205-257-8579, hnalien@southernco.com	Two way communication devices. We send test and customer 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.	N/A	Program rules set maximum MW 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 Alert notice. Can be utilized for locational reliability issues if necessary.									
Energy	Submitter	Alabama Power, Neal Allen, 205-257-8579, hnalien@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.	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 vehicle charging, etc.	PSC regulated tariff			
	Status	In effect Today									
	Product type	Energy price									
	Program or Product Name	TOU Rates									
	Trigger Events	Various types of TOU rates exist for various types of residential, commercial, and industrial customers. Rates vary by day, time of day, and season. Majority of rates are based on time of day, non-summer seasons with peak, intermediate and off-peak rate periods.									
Capacity	Submitter	BGE, Ruth Kisielewicz, 410-470-1361, ruth.kisielewicz@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.	Load data are obtained from meters that were installed on 65 customers' water heaters. This stratified sample design provides a confidence of 80% ± 10% accuracy.					
	Status	In effect Today									
	Product type										
	Category										
	Program or Product Name	BGE's Residential Water Heater Control Program (Rüder 6)									
	Trigger Events	BGE can activate switches up to 15 times per year for reliability or economic reasons.									

NAESB DSM-EE Retail Matrix  
For Presentation on March 28, 2008

Class of DR Resources		M&V Aspects of the DR Programs						
Specifics of the DR Program Being Described		Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	Regulatory and market context
Capacity	Submitter	BGE, Ruth Kiselewich, 416-470-1361, ruth.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	For its Load Research Studies, BGE uses ANSI certified meters that have been approved by the PSC for load recording.	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							
	Program or Product Name	BGE's Residential Air Conditioner Control Program (Rider 5)						
Trigger Events	There is no limit to the number of times BGE can activate switches for reliability or economic 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



## North American Energy Standards Board

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### NAESB UPDATE: GAS QUALITY STANDARDS EFFORTS SUMMARY AND RELEVANT DOCUMENTS MARCH 15, 2008

#### SUMMARY

- As a result of request R06008, NAESB passed several standards and experienced a single segment block of the WGQ EC on two standards.
- The standards resulting from request R06008 and the segment block will be filed with the FERC. They were adopted after version 1.8 was forwarded to the FERC for its consideration.
- In November 2007, the FERC issued an order establishing hearing, Docket No. RP07-504-000, in which NAESB was noted for additional activity.

#### RELEVANT DOCUMENTS

- Minutes of WGQ Business Practices Subcommittee Meetings where R06008 was discussed and standards drafted:
  - July 10, 2006: [http://www.naesb.org/pdf2/wgq\\_bps071106fm.doc](http://www.naesb.org/pdf2/wgq_bps071106fm.doc)
  - August 3, 2006: [http://www.naesb.org/pdf2/wgq\\_bps080306fm.doc](http://www.naesb.org/pdf2/wgq_bps080306fm.doc)
  - August 30, 2006: [http://www.naesb.org/pdf2/wgq\\_bps083006fm.doc](http://www.naesb.org/pdf2/wgq_bps083006fm.doc)
  - September 11, 2006: [http://www.naesb.org/pdf2/wgq\\_bps091106dm.doc](http://www.naesb.org/pdf2/wgq_bps091106dm.doc)
  - January 4, 2007: [http://www.naesb.org/pdf2/wgq\\_bps010406fm.doc](http://www.naesb.org/pdf2/wgq_bps010406fm.doc)
  - January 12, 2007: [http://www.naesb.org/pdf2/wgq\\_bps011206fm.doc](http://www.naesb.org/pdf2/wgq_bps011206fm.doc)
  - February 8, 2007: [http://www.naesb.org/pdf2/wgq\\_bps020806dm.doc](http://www.naesb.org/pdf2/wgq_bps020806dm.doc)
- Minutes of WGQ EC Meetings where R06008 was discussed and recommendations amended:
  - WGQ EC Minutes (Dec. 7, 2006) - [http://www.naesb.org/pdf2/wgq\\_ec120706fm.doc](http://www.naesb.org/pdf2/wgq_ec120706fm.doc)  
Attachment - [http://www.naesb.org/pdf2/wgq\\_ec120706a1.doc](http://www.naesb.org/pdf2/wgq_ec120706a1.doc)
  - WGQ EC Minutes (May 10, 2007) - [http://www.naesb.org/pdf3/wgq\\_ec051007fm.doc](http://www.naesb.org/pdf3/wgq_ec051007fm.doc)  
Attachment (Redline) - [http://www.naesb.org/pdf2/wgq\\_ec051007a5.doc](http://www.naesb.org/pdf2/wgq_ec051007a5.doc)  
Attachment (Clean) - [http://www.naesb.org/pdf2/wgq\\_ec051007a6.doc](http://www.naesb.org/pdf2/wgq_ec051007a6.doc)
- Recommendation for R06008 as amended by the WGQ EC on May 10, 2007 and approved:  
[Attachment - Recommendation R06008 as revised by the WGQ Executive Committee on 5/10/07](#)
- Final Action for R06008 for publication in Version 1.9:  
[R06008 Final Action - Modify WGQ Business Practice Standard 4.3.90 to clarify that all available data at representative points should be made available by Transmission Service Providers](#) - Ratified August 2, 2007



# North American Energy Standards Board

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NAESB UPDATE: GAS QUALITY STANDARDS EFFORTS  
 REQUEST R06008  
 MARCH 15, 2008

## REQUEST R06008:

1. Submitting Entity & Address:

**National Fuel Gas Distribution Corporation**  
**6363 Main Street**  
**Williamsville, NY 14221**

2. Contact Person, Phone #, Fax #, Electronic Mailing Address:

Name : **Michael Novak**  
 Title : **Asst. General Manager**  
 Phone : **(716) 857-7884**  
 Fax : **(716) 857-7254**  
 E-mail : **novakm@natfuel.com**

3. Description of Proposed Standard or Enhancement:

While the implementation of NAESB WGQ Standard 4.3.90 (and other related standards) by most Transportation Service Providers (TSPs) has been commendable, some TSPs interpreted the standards language to limit the data to be provided to just those items specified within their tariffs. This was counter to the intention of the Executive Committee (EC) - that all available data at representative points be made available. For example, some TSPs post BTU values but none of the hydrocarbon components. The language of 4.3.90 can be read (but misinterpreted) to provide for such a result, therefore, modifications are proposed to reduce that ambiguous nature of the existing standards language. These proposed changes will still preserve another intention of the EC - that implementation of 4.3.90 would not require procurement of incremental gas quality equipment by the TSP.

Additionally, the addition of Wobbe Number to the list of gas quality attributes reflects growing industry acceptance of Wobbe as a key measure of interchangeability [e.g. 1) NGC+ White Paper on Natural Gas Interchangeability and Non-Combustion End Use, 2) Initial Decision Docket Nos. RP04-249-001, April 11, 2006]

### Standard:

4.3.90 The Transportation Service Provider (TSP) should provide on its Informational Postings Web Site daily average gas quality information for prior gas day(s), ~~to the extent available~~, for location(s) that are representative of mainline gas flow. The information available for the identified location(s) should be provided in a downloadable format. Information should be reported in units as specified in the tariff or general terms and conditions. ~~In any event, compliance with gas quality requirements is in accordance with the TSP's tariff or general terms and conditions.~~

The following ~~are examples of~~ gas quality attributes ~~that could~~ should be included, to the extent measured, collected, readily calculated or otherwise available, in the posting for the applicable Gas Day(s) and location(s):

- Heating Value
- Wobbe Number
- Hydrocarbon Components, % of C1 – Cnn, as used in determining Heating Value
- Specific Gravity
- Water
- Nitrogen
- Carbon Dioxide
- Oxygen
- Hydrogen
- Helium
- Total Sulfur
- Hydrogen Sulfide
- Carbonyl Sulfide
- Mercaptans



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### NAESB UPDATE: GAS QUALITY STANDARDS EFFORTS REQUEST R06008 MARCH 15, 2008

- Mercury and/or any other contaminants being measured
  - Other pertinent gas quality information that is specified in the TSP's tariff or the general terms and conditions.
- For NAESB WGQ Standard 4.3.91, some Transportation Service Providers (TSPs) meet the letter of the standard by providing data but make access to the data unnecessarily difficult. For example, data from the required three month-period is available through download one day at a time (instead of the user requested period) or for a given day, for one point rather than for user selected points. The intent of the proposed modification to 4.3.91 is to put a minimum performance standard on the availability of data.

#### Standard:

4.3.91 Data provided pursuant to NAESB WGQ Standard No. 4.3.90 should be made available on the Transportation Service Provider's Web Site for the most recent three-month period. At minimum, data for the most recent three-month period should be made available through a single user operation for:

- For a single location representative of mainline gas flow, all Gas Day(s)
- For a single Gas Day, all location(s) representative of mainline gas flow.

Beyond the initial three-month period, the historical data should be made available offline in accordance with regulatory requirements.

4. Use of Proposed Standard or Enhancement (include how the standard will be used, documentation on the description of the proposed standard, any existing documentation of the proposed standard, and required communication protocols):

The proposed changes are consistent with the current usage.

5. Description of Any Tangible or Intangible Benefits to the Use of the Proposed Standard or Enhancement:

Gas Quality and particularly Interchangeability are, in part, safety issues. Industry participants need access to all available data so that more informed business and regulatory decisions can be made.

6. Estimate of Incremental Specific Costs to Implement Proposed Standard or Enhancement:

There are some TSPs that already calculate and provide a Wobbe Number – these pipelines should see no incremental cost. For most TSPs, there will be nothing more than the incremental cost of computing and proving the Wobbe number (a function of available data: BTU (LHV) and Specific Gravity). For those TSPs that did not implement consistent with the intention of the EC, costs could be higher. In either case, because the data is available and will not require procurement of incremental gas quality equipment by the TSP, costs should be limited to software development and otherwise be negligible.

7. Description of Any Specific Legal or Other Considerations:

None known at this time.

8. If This Proposed Standard or Enhancement Is Not Tested Yet, List Trading Partners Willing to Test Standard or Enhancement (Corporations and contacts):

9. If This Proposed Standard or Enhancement Is In Use, Who are the Trading Partners :

TSPs and Service Requestors utilizing the Standards as currently implemented.

10. Attachments (such as : further detailed proposals, transaction data descriptions, information flows, implementation guides, business process descriptions, examples of ASC ANSI X12 mapped transactions):

Minor modifications may be necessary as described above.



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**NAESB UPDATE: GAS QUALITY STANDARDS EFFORTS**  
 STANDARDS RESULTING FROM R06008 AND THE STANDARDS THAT FAILED DUE TO THE WGQ EC SINGLE SEGMENT BLOCK  
 MARCH 15, 2008

### STANDARDS THAT PASSED THE WGQ EC FROM REQUEST R06008 AND WERE RATIFIED IN AUGUST 2007:

#### Proposed Revised NAESB WGQ Standard No. 4.3.90

The Transportation Service Provider (TSP) should provide on its Informational Postings Web Site daily average gas quality information for prior gas day(s), to the extent rouinely collected and readily available, for location(s) that are representative of mainline gas flow. To the extent that a TSP monitors tariff-based gas quality provisions for locations representative of mainline gas flow by non-electronic methods (e.g., spot sample), such information should be posted as soon as practicable. The gas quality information posted pursuant to this standard is operational in nature.

For purposes of this standard, "readily available" is that data which is currently available in electronic format or would be available electronically with minor enhancement(s) to existing data collection, processing and reporting capability.

The gas quality information should be reported in units as specified in the tariff or general terms and conditions. Gas quality information not specified in the TSP's tariff or general terms and conditions should be posted using units determined by the TSP.

The information available for the identified location(s) should be provided in a downloadable format. ~~Information should be reported in units as specified in the tariff or general terms and conditions.~~ In any event, all applicable parties' compliance with gas quality requirements is in accordance with the TSP's tariff or general terms and conditions.

~~The following Listed below are examples of gas quality attributes that could be included in the posting for the applicable Gas Day(s) and Location(s):~~

- Heating Value
- Interchangeability index(ices)/factor(s)
- Hydrocarbon liquid drop out control parameter(s)/factor(s)
- Hydrocarbon components, % of C1 – Cnn, as used in determining Heating Value
- Specific Gravity
- Water
- Nitrogen
- Carbon Dioxide
- Oxygen
- Hydrogen
- Helium
- Total Sulfur
- Hydrogen Sulfide
- Carbonyl Sulfide
- Mercaptans
- Mercury and/or any other contaminants being measured
- Other pertinent gas quality information that is specified in the TSP's tariff or the general terms and conditions.





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### NAESB UPDATE: GAS QUALITY STANDARDS EFFORTS

STANDARDS RESULTING FROM R06008 AND THE STANDARDS THAT FAILED DUE TO THE WGQ EC SINGLE SEGMENT BLOCK  
 MARCH 15, 2008

#### Proposed modifications to NAESB WGQ Standard No. 4.3.92:

Data provided pursuant to NAESB WGQ Standard No. 4.3.90 should be provided in a tabular downloadable file to be described by the Transportation Service Provider. The first row of the file should contain the column headers and data should begin on the second row of the file. In addition, one of the columns should contain the applicable Gas Day.

#### Proposed NAESB WGQ Standard 4.3.x2:

For data provided pursuant to NAESB WGQ Standard No. 4.3.90, a Transportation Service Provider (TSP) with tariff-based gas quality provisions for the control of hydrocarbon liquid drop\_out should measure or calculate a 1) Cricondenthem Hydrocarbon Dew Point (CHDP) or 2) C6+GPM for the location(s) that are representative of mainline gas flow. If applicable, the TSP should provide the control parameter specified within its tariff. Where a TSP uses an alternative approach to control hydrocarbon liquid drop\_out, it may substitute the appropriate control parameter.

#### STANDARDS THAT FAILED THE WGQ EC FROM REQUEST R06008 DUE TO A ONE SEGMENT BLOCK:

#### Proposed NAESB WGQ Standard 4.3.x1:

For data provided pursuant to NAESB WGQ Standard 4.3.90, where a Transportation Service Provider (TSP) does not provide a Wobbe Number for location(s) that are representative of mainline gas flow, upon notification from a Service Requestor of its desire to begin discussing the interchangeability of gas supplies, the TSP should endeavor to calculate a Wobbe Number for such location(s). Within 90 days of such notification, but no later than the initiation of discussions to develop tariff-based gas quality interchangeability provisions, a TSP should provide a Wobbe Number for location(s) that are representative of mainline gas flow.

Where a TSP uses an alternative method to characterize interchangeability, it may substitute or supplement the Wobbe Number with the applicable data. Where no above-mentioned notification is received by the TSP or where the above mentioned discussions lead to a conclusion that tariff based gas quality interchangeability provisions are not necessary, a TSP may satisfy this standard by providing a Heating Value and Specific Gravity.

#### Proposed NAESB WGQ Standard 4.3.x3:

Data provided pursuant to NAESB WGQ Standard No. 4.3.90 should be made available in a single download for one and/or all location(s) representative of mainline gas flow as posted for a given date range within the most recent three month period.



## North American Energy Standards Board

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**NAESB UPDATE: GAS QUALITY STANDARDS EFFORTS**  
EXCERPT FROM FERC DOCKET NO. RP07-504-000, ISSUED NOVEMBER 17, 2007  
MARCH 15, 2008

### **EXCERPT FROM FERC DOCKET NO. RP07-504-000, ISSUED NOVEMBER 17, 2007**

10. In conjunction with the Wobbe rate of change issue, the Commission expects the parties to address the related issue of how and when such information will be passed or reported from the data's source to the parties that need the information. Algonquin's tariff is in compliance with the North American Energy Standards Board's (NAESB) gas quality reporting standard 4.3.90, which requires a minimum posting of daily average data for previous days. However, if it is determined that a Wobbe rate of change reporting requirement is necessary, this NAESB standard may not be adequate. The issue of timely reporting of gas quality data has appeared in other proceedings. And in Order No. 587-S, the Commission noted that in individual cases pipelines may be required to exceed the minimum NAESB gas quality posting requirements. While the Commission is setting this issue for hearing with respect to Algonquin's system, this issue has occurred frequently enough that we would ask NAESB to endeavor to develop a uniform set of standards regarding the posting of rapidly changing gas quality information applicable to those pipelines which are required under their tariffs to do so.

*[The entire order establishing hearing follows]*

121 FERC ¶ 61,152  
UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION

Before Commissioners: Joseph T. Kelliher, Chairman;  
Sudeen G. Kelly, Marc Spitzer,  
Philip D. Moeller, and Jon Wellinghoff.

Algonquin Gas Transmission, LLC

Docket No. RP07-504-000

ORDER ESTABLISHING HEARING

(Issued November 15, 2007)

1. As discussed below, the Commission is establishing a hearing in the above-captioned proceeding to address specific gas quality and interchangeability issues on Algonquin Gas Transmission, LLC (Algonquin).

**Background**

2. On June 29, 2007, Algonquin Gas Transmission, LLC (Algonquin) filed revised tariff sheets pursuant to section 4 of the Natural Gas Act (NGA) proposing new tariff provisions regarding gas quality and interchangeability. Algonquin stated that it filed the revisions to be consistent with the future operations of its integrated pipeline system, which is expected to receive substantial new regasified liquefied natural gas (LNG) supplies near the northeastern terminus of its system in Massachusetts.

3. On July 30, 2007, the Commission issued an order<sup>1</sup> accepting and suspending the proposed tariff sheets, to be effective on January 1, 2008 or an earlier date to be later established by subsequent order, and establishing a technical conference. On August 21, 2007, the Commission held a technical conference to address the issues raised by Algonquin's filing. At the conclusion of the technical conference, the parties agreed to develop and submit to the Commission a list of issues requiring Commission resolution.

4. On September 4, 2007, Algonquin submitted to the Commission a list of contested issues. Algonquin states that it and the other parties to the proceeding agree that only the following issues require resolution by the Commission:

**1. Wobbe Number Range:** What is the appropriate Wobbe Number range?

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<sup>1</sup> *Algonquin Gas Transmission, LLC*, 120 FERC ¶ 61,114 (2007).

- 2. Nitrogen Limit:** What is the appropriate nitrogen limit?
- 3. Oxygen Limit:** What is the appropriate oxygen limit?
- 4. Sulphur and Hydrogen Sulphide:** What are the appropriate limits for sulphur and hydrogen sulphide?
- 5. Hydrocarbon Constituent Limits:** Should there be hydrocarbon constituent limits? If so, what should they be?
- 6. Wobbe Number Rate of Change:** Should there be a Wobbe Number rate of change limit? If so, what should that be?
- 7. Waiver Provision:** What is the appropriate waiver language for section 4.7 of Algonquin's General Terms and Conditions?
- 8. Notification of Nonconforming Gas:** Should Algonquin's tariff be amended to provide for notification to customers in the event Algonquin has delivered or expects to deliver nonconforming gas? If so, what should the mechanism be for such a notification?
- 9. Demand Charge Credits:** Are demand charge credits properly within the scope of this proceeding? If so, should Algonquin's tariff be amended to provide for such credits if a receiving party declines to accept nonconforming gas tendered by Algonquin?
- 10. Total Inerts:** What is the appropriate limit for total inerts?

5. The Stipulation provides that with respect to issues 1 through 4, 7, and 10, Algonquin has the burden under section 4 of the Natural Gas Act ("NGA") to show that its proposed limits are just and reasonable, and any party proposing different limits has the burden under section 5 of the NGA to support its proposal. The Stipulation further provides that with regard to Issues 5, 6, 8, and 9, any party proposing a change to Algonquin's filing has the burden of proof.

6. Algonquin states that it has circulated this Stipulation to all parties in this proceeding, and that every party has either authorized Algonquin to represent that such party agrees to, or does not oppose, this Stipulation or has not responded to Algonquin's communications regarding the Stipulation.

7. Comments on the stipulated issues were submitted by the parties on September 24, 2007, and reply comments on October 15, 2007.

8. In addition, on September 7, 2007, Algonquin filed an Agreed Motion for a Shortened Suspension Period and to Place Tariff Sheets in Effect, asking the Commission to permit its revised tariff sheets with the new gas quality and interchangeability provisions to go into effect on November 25, 2007, subject to the outcome of this proceeding. On October 22, 2007, the Commission issued an order<sup>2</sup> granting the motion and allowing the proposed tariff sheets to go into effect on November 25, 2007, subject to conditions and to further Commission orders.

### Discussion

9. Upon review of the list of stipulated contested issues submitted by Algonquin, the Commission finds that they raise questions of fact that are best resolved in the context of an evidentiary hearing. Therefore, the Commission will establish a hearing in this proceeding before an Administrative Law Judge to develop a record on the stipulated contested issues. The Commission clarifies that the issues to be addressed at the hearing are limited to the gas quality and interchangeability issues stipulated as contested by the parties in Algonquin's September 24, 2007 filing. The comments and reply comments filed by the parties in accordance with the procedure established at the technical conference will be part of the hearing record.

10. In conjunction with the Wobbe rate of change issue, the Commission expects the parties to address the related issue of how and when such information will be passed or reported from the data's source to the parties that need the information. Algonquin's tariff is in compliance with the North American Energy Standards Board's (NAESB) gas quality reporting standard 4.3.90, which requires a minimum posting of daily average data for previous days.<sup>3</sup> However, if it is determined that a Wobbe rate of change reporting requirement is necessary, this NAESB standard may not be adequate. The issue of timely reporting of gas quality data has appeared in other proceedings.<sup>4</sup> And in Order No. 587-S, the Commission noted that in individual cases pipelines may be required to exceed the minimum NAESB gas quality posting requirements.<sup>5</sup> While the Commission

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<sup>2</sup> 121 FERC ¶ 61,076 (2007).

<sup>3</sup> Algonquin's FERC Gas Tariff, 5<sup>th</sup> Revised Volume No. 1, 1<sup>st</sup> Revised Sheet No. 614.

<sup>4</sup> *E.g.*: *Natural Gas Pipeline Co.*, 102 FERC ¶ 61,234, *order on reh'g*, 104 FERC ¶ 61,322 (2003); *ANR Pipeline Co.*, 109 FERC ¶ 61,358 at P 4-7 (2004); and *AES Ocean Express, LLC v. Florida Gas Transmission Co.*, 119 FERC ¶ 61,075 at P 131-144 (2007).

<sup>5</sup> *Standards for Business Practices of Interstate Natural Gas Pipelines*, Order No. 587-S, 70 FR 28204, 70 FR 37031, FERC Stats. & Regs, Regulations Preambles 2001-2005 ¶ 31,179 at P 19-22 (2005).

is setting this issue for hearing with respect to Algonquin's system, this issue has occurred frequently enough that we would ask NAESB to endeavor to develop a uniform set of standards regarding the posting of rapidly changing gas quality information applicable to those pipelines which are required under their tariffs to do so.

11. The Commission further clarifies that the hearing is to address the stipulated issues in the context of the Commission's Policy Statement on Provisions Governing Natural Gas Quality and Interchangeability in Interstate Natural Gas Pipeline Company Tariffs (Policy Statement).<sup>6</sup> As the Commission explained in the June 27, 2007 Order, the Policy Statement established five principles for pipelines and parties to follow to create gas quality and interchangeability standards. First, the Policy Statement states that only gas standards that are in the tariff can be enforced. Second, the Policy Statement states that gas standards need to be flexible to allow pipelines to balance safety and reliability concerns with the importance of maximizing supply, as well as recognizing the evolving nature of the science underlying gas quality and interchangeability specifications. Third, the Policy Statement states that pipelines and customers should develop gas quality and interchangeability specifications based on technical requirements. Fourth, the Policy Statement states that pipelines and customers are encouraged to use the Natural Gas Council Plus (NGC+) interim guidelines as a common scientific reference point for resolving gas quality and interchangeability issues. And lastly, the Policy Statement states that to the extent that pipelines and their customers cannot resolve disputes over gas standards, then those issues should be brought before the Commission.

12. The Policy Statement specifically recognizes the importance of providing pipelines and their customers with the flexibility needed to maximize the introduction of new supply into the grid and of encouraging rather than impeding the movement of gas to the grid and the ultimate consumers. The Policy Statement recognizes that imports of LNG are expected to increase and seeks to lower potential barriers to these imports while at the same time ensuring the safety and reliability of the grid.<sup>7</sup>

13. We understand that, consistent with the Policy Statement, Algonquin has engaged in discussions with its customers concerning the proposed gas quality and interchangeability tariff provisions, and has brought to the Commission the issues that the parties were unable to resolve. While we therefore find it appropriate to set these issues for hearing, we encourage the parties to continue to attempt to reach a consensus on these issues.

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<sup>6</sup> 115 FERC ¶ 61,325 (2006).

<sup>7</sup> *Id.* at P 24 - 25.

The Commission orders:

(A) Pursuant to the Commission's authority under the NGA, particularly sections 4, 5, and 15, and the Commission's rules and regulations, a public hearing is to be held in this proceeding concerning the lawfulness of Algonquin's filing with regard to the stipulated issues.

(B) A presiding administrative law judge, to be designated by the Chief Administrative Law Judge for that purpose pursuant to 18 C.F.R. § 375.304 (2007), must convene a prehearing conference in this proceeding to be held within 20 days after issuance of this order, in a hearing or conference room of the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington, D.C. 20426. The prehearing conference shall be held for the purpose of clarification of the positions of the participants and establishment by the presiding judge of any procedural dates necessary for the hearing. The presiding administrative law judge is authorized to conduct further proceedings in accordance with this order and the Commission's Rules of Practice and Procedure.

By the Commission.

( S E A L )

Kimberly D. Bose,  
Secretary.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 6**

**EXECUTIVE COMMITTEE REPORTS**

This section includes:

- Standards adopted since the last Board meeting.
- The 2008 Annual Plans for each of the quadrants

The material presented is background information for the discussion of agenda item 4.

The Executive Committee leadership of each quadrant will discuss its progress towards completion of its 2008 annual plan and respond to questions from the Board. Action is required of the Board to approve changes suggested by Executive Committees and to approve any changes suggested by the Board. To approve changes to the plans, the Board will be asked to vote to endorse those changes via a simple majority vote.





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NAESB UPDATE – STANDARDS ADOPTED IN 2008  
 MARCH 15, 2008

### FOR THE WHOLESALE GAS QUADRANT

#### Out for EC Notational Ballot

- Recommendation R07015 - (Request that NAESB add a new internet browser plug-in, Adobe Flash Player, to the NAESB Wholesale Gas Quadrant (WGQ) Quadrant Electronic Delivery Mechanism):  
[http://www.naesb.org/pdf3/wgq\\_r07015rec.doc](http://www.naesb.org/pdf3/wgq_r07015rec.doc) - Ballot due March 27, 2008

#### Request for Comments

- Recommendation for Interpretation for Request for Clarification C07003 -  
[http://naesb.org/pdf3/wgq\\_in020808\\_reqcom\\_c07003\\_attach.doc](http://naesb.org/pdf3/wgq_in020808_reqcom_c07003_attach.doc) - Comments are due March 8, 2008.
- Recommendation for Interpretation for Request for Clarification C07002 -  
[http://naesb.org/pdf3/wgq\\_in020808\\_reqcom\\_c07002\\_attach.doc](http://naesb.org/pdf3/wgq_in020808_reqcom_c07002_attach.doc) - Comments are due March 8, 2008.

#### Out for Ratification - Note this is a joint WEQ/WGQ

- Recommendation: 2007 WEQ Annual Plan Item 5 and 2007 WGQ Annual Plan Item 8: “Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata as revised by the WEQ and WGQ Executive Committees on February 29, 2008 -  
[http://naesb.org/doc\\_view2.asp?doc=weq\\_wgq\\_rat030508\\_2007\\_weq\\_api5\\_2007\\_wgq\\_api8\\_rec.doc](http://naesb.org/doc_view2.asp?doc=weq_wgq_rat030508_2007_weq_api5_2007_wgq_api8_rec.doc) -  
 Ratification Period Ends April 4, 2008
- Attachment to Recommendation: 2007 WEQ Annual Plan Item 5 and 2007 WGQ Annual Plan Item 8 as revised by the WEQ and WGQ Executive Committees on February 29, 2008 -  
[http://naesb.org/doc\\_view2.asp?doc=weq\\_wgq\\_rat030508\\_2007\\_weq\\_api5\\_2007\\_wgq\\_api8\\_rec\\_attach.doc](http://naesb.org/doc_view2.asp?doc=weq_wgq_rat030508_2007_weq_api5_2007_wgq_api8_rec_attach.doc)

#### Ratified

- **2007 WGQ Annual Plan Item 4 and Retail 2007 Annual Plan Item 6** - Prepare a joint analysis for AS2 and AS3 protocols as compared to the NAESB IET:  
[http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_wgq\\_2007\\_api4\\_retail\\_2007\\_api6\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_wgq_2007_api4_retail_2007_api6_rec.doc) - Ratified February 17, 2008
- **Recommendation R01003** - Add a System Management Service Quantity data element to various capacity release datasets – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r01003\\_rec\\_100807.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r01003_rec_100807.doc) - Ratified February 17, 2008
- **Recommendation R02007** - Add new data element 'Notes Codes' and two related codes for the Invoicing data sets (3.4.1) – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r02007\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r02007_rec.doc) - Ratified February 17, 2008
- **Recommendation R02011** - Add code values for NAESB WGQ Standard 2.4.3 - Allocation, NAESB WGQ Standard 2.4.4 - Shipper Imbalance - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r02011\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r02011_rec.doc) - Ratified February 17, 2008
- **Recommendation R03001** - Request two new data elements be added to the Request for Confirmation, Confirmation Response and Scheduled Quantity for Operator. The new data elements would be used at the same level as the Location Data and would be used to define a limit on the total amount of capacity that could be confirmed as delivery or receipt – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03001\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03001_rec.doc) - Ratified February 17, 2008



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### NAESB UPDATE – STANDARDS ADOPTED IN 2008 MARCH 15, 2008

- **Recommendation R03010** - Modifications to the NAESB WGQ Transactional Reporting - Capacity Release Standard 5.4.20 to enhance the display of capacity release data sets at the Sender's Option, including modifications to existing data elements and new data elements - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03010\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03010_rec.doc) - Ratified February 17, 2008
- **Recommendation R03011** - Modifications to NAESB WGQ Transactional Reporting - Firm Transportation Standard 5.4.21 to enhance the display of firm data at the Sender's Option, including the addition of new data elements, changes to existing data elements, and the addition of new code values - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03011\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03011_rec.doc) - Ratified February 17, 2008
- **Recommendation R03012** - Modifications to NAESB WGQ Transactional Reporting - Interruptible Transportation Standard 5.4.22 to enhance the display of interruptible data at the Sender's Option, including the additional of new data elements, changes to existing data elements, and the addition of new code values - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03012\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03012_rec.doc) - Ratified February 17, 2008
- **Recommendation R03016 as revised by the WGQ Executive Committee on November 8, 2007** - Add a new code value - Corrected / Updated - for Contract Status to provide the ability to identify when the contract data as reported on the transactional reports has been corrected or updated – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03016\\_rev\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03016_rev_rec.doc) - Ratified February 17, 2008
- **Recommendation R03020** - Develop a new defined term/definition for Applicable Regulatory Authority and review NAESB WGQ Standards to make corresponding changes - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03020\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03020_rec.doc) - Ratified February 17, 2008
- **Recommendation R03021** - Create a new Standard that indicates that unless otherwise denoted, all times contained with the NAESB WGQ Standards are Central Clock Time – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03021\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03021_rec.doc) - Ratified February 17, 2008
- **Recommendation R03025** - Add a new notice type - Rates and Charges - to NAESB WGQ Standard 4.3.29 – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03025\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03025_rec.doc) - Ratified February 17, 2008
- **Recommendation R03028** - Add a reduction reason code to Scheduled Quantity, Operator Scheduled Quantity and Confirmation Response - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03028\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03028_rec.doc) - Ratified February 17, 2008
- **Recommendation R03029 as revised by the WGQ Executive Committee on November 8, 2007** - Add a new Notice Type to System-Wide Notices Standard 5.4.16 to support firm capacity including subscribed ROFR Capacity - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03029\\_rev\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03029_rev_rec.doc) - Ratified February 17, 2008
- **Recommendation R03032** - Change existing data elements of NAESB WGQ Transactional Reporting - Firm Transportation Standard 5.4.21 – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r03032\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r03032_rec.doc) - Ratified February 17, 2008
- **Recommendation R04022 as revised by the WGQ Executive Committee on November 8, 2007** - Amend WGQ Standards 1.4.5 and 1.4.6 to allow new reduction reason codes – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r04022\\_rev\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r04022_rev_rec.doc) - Ratified February 17, 2008
- **Recommendation R04023** - Amend WGQ Standards to add new reduction reason code data element - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r04023\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r04023_rec.doc) - Ratified February 17, 2008
- **Recommendation R04026** - Amend WGQ Standard 1.4.1 to add new storage limitation code value - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r04026\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r04026_rec.doc) - Ratified February 17, 2008



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### NAESB UPDATE – STANDARDS ADOPTED IN 2008 MARCH 15, 2008

- **Recommendation R05006** - Add code value to Validation Code and Message elements in Nomination Quick Response dataset – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r05006\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r05006_rec.doc) - Ratified February 17, 2008
- **Recommendation R05010** - Add code values to Validation Code and Message elements in Nomination Quick Response dataset – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r05010\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r05010_rec.doc) - Ratified February 17, 2008
- **Recommendation R05012** - Add Reduction Reason code to Scheduled Quantity, Operator Scheduled Quantity and Confirmation Response – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r05012\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r05012_rec.doc) - Ratified February 17, 2008
- **Recommendation R05017** - Delete or change the usage of the data element Rate Form/Type Code from datasets 5.4.20, 5.4.21 and 5.4.22 – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r05017\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r05017_rec.doc) - Ratified February 17, 2008
- **Recommendation R06001** - Add two Nomination Transaction Type codes to support the nomination and tracking of the shipping entity or producing entity on the interconnecting facility where title tracking is employed by the TSP – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r06001\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r06001_rec.doc) - Ratified February 17, 2008
- **Recommendation R06007** - Add Reduction Reason code to Scheduled Quantity, Operator Scheduled Quantity and Confirmation Response – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r06007\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r06007_rec.doc) - Ratified February 17, 2008
- **Recommendation R06011** - Add 3 detail (contract) level and 1 sub detail (nomination) level code values to Validation Code and Message elements in Nomination Quick Response dataset – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r06011\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r06011_rec.doc) - Ratified February 17, 2008
- **Recommendation R06012** - Add two (2) new code values for the data element “Transaction Type” into Scheduled Quantity and Invoice Datasets – [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r06012\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r06012_rec.doc) - Ratified February 17, 2008
- **Recommendation R06014** - Add code values for the Rate Identification Code data element in the Transactional Reporting datasets - [http://naesb.org/doc\\_view2.asp?doc=wgq\\_rat011508\\_r06014\\_rec.doc](http://naesb.org/doc_view2.asp?doc=wgq_rat011508_r06014_rec.doc) - Ratified February 17, 2008



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NAESB UPDATE – STANDARDS ADOPTED IN 2008  
 MARCH 15, 2008

### FOR THE RETAIL QUADRANTS

#### Ratified

- **Recommendation for 2007 WGQ Annual Plan Item 4 and Retail 2007 Annual Plan Item 6** - Prepare a joint analysis for AS2 and AS3 protocols as compared to the NAESB IET:  
[http://www.naesb.org/doc\\_view2.asp?doc=retail\\_rat010808\\_wgq\\_2007\\_ap\\_i4\\_retail\\_2007\\_ap\\_i6\\_rec.doc](http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_wgq_2007_ap_i4_retail_2007_ap_i6_rec.doc) – Ratified February 8, 2008
- **Recommendation for 2007 Retail Annual Plan Item 3a(iii)** - Account Information Change:  
[http://www.naesb.org/doc\\_view2.asp?doc=retail\\_rat010808\\_2007\\_retail\\_ap3aiii\\_rec.doc](http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_2007_retail_ap3aiii_rec.doc) – Ratified February 8, 2008
- **Recommendation for 2007 Retail Annual Plan Item 5** - Customer Information:  
[http://www.naesb.org/doc\\_view2.asp?doc=retail\\_rat010808\\_2007\\_retail\\_ap5\\_rec.doc](http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_2007_retail_ap5_rec.doc) – Ratified February 8, 2008
- **Recommendation for 2007 Retail Annual Plan Item 5** - Customer Information (Information Requirements and Technical Electronic Implementation Model Business Practices):  
[http://www.naesb.org/doc\\_view2.asp?doc=retail\\_rat010808\\_2007\\_retail\\_ap5\\_ir\\_teis\\_rec.doc](http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_2007_retail_ap5_ir_teis_rec.doc) – Ratified February 8, 2008



## North American Energy Standards Board

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NAESB UPDATE – STANDARDS ADOPTED IN 2008  
 MARCH 15, 2008

### FOR THE WHOLESALE ELECTRIC QUADRANT

#### Request for Comments:

- Recommendation WEQ 2008 Annual Plan Item 2.b.vii – Order 890 – ATC Information Links, [http://naesb.org/pdf3/weq\\_2008\\_ap\\_2bvii\\_rec\\_clean.doc](http://naesb.org/pdf3/weq_2008_ap_2bvii_rec_clean.doc), comments due April 16, requires coordination with NERC
- Recommendation WEQ 2008 Annual Plan Item 2.b.v.2 – Order 890 – Data Exchange for OASIS Posting, [http://naesb.org/pdf3/weq\\_2008\\_ap\\_2bv2\\_rec.doc](http://naesb.org/pdf3/weq_2008_ap_2bv2_rec.doc), comments due April 16, requires coordination with NERC
- Recommendation WEQ 2008 Annual Plan Item 2.a.i.4, 2.b.v.4 and 2.b.v.5 - Order 890 Posting on OASIS for Actual Daily Peak Load, underlying load forecast assumptions for ATC calculations, load forecasts and actual load business practices standards associated with OASIS S&CP requirements, [http://naesb.org/pdf3/weq\\_2008\\_ap\\_2ai4\\_2bv4\\_2bv5\\_rec\\_clean.doc](http://naesb.org/pdf3/weq_2008_ap_2ai4_2bv4_2bv5_rec_clean.doc), comments due April 10, does not require coordination with NERC
- Recommendation WEQ 2008 Annual Plan item 1.c.i-ii/R03017 - Decline the need to develop business practices to support Operate Within Limits (IROL) complementary to NERC efforts, [http://naesb.org/pdf3/r03017\\_2008\\_weq\\_api\\_1ci\\_ii\\_rec\\_clean.doc](http://naesb.org/pdf3/r03017_2008_weq_api_1ci_ii_rec_clean.doc), comments due April 7, coordination with NERC
- Recommendation WEQ 2008 Annual Plan Item 2.b.v.3.and 2.a.i.3 – Order 890 Posting narratives for changes for monthly and yearly ATC values on a constrained path, and annotations for ATC business practices associated with S&CP requirements, [http://naesb.org/pdf3/2008\\_weq\\_ap\\_2bv3\\_2ai3\\_rec\\_clean.doc](http://naesb.org/pdf3/2008_weq_ap_2bv3_2ai3_rec_clean.doc), comments due March 30, does not require coordination with NERC
- Recommendation WEQ 2008 Annual Plan Item 2.a.i.5, 2.a.i.6, 2.a.ii.1-3 - Order 890 Rebid of partial services, preconfirmation priority business practices services, metrics for provision of transmission service as related to S&CP requirements [http://naesb.org/pdf3/2008\\_weq\\_ap\\_2ai5\\_2ai6\\_2aii1-3\\_rec\\_clean.doc](http://naesb.org/pdf3/2008_weq_ap_2ai5_2ai6_2aii1-3_rec_clean.doc), comments due March 21, does not require coordination with NERC

#### Out for Ratification:

- Recommendation: 2007 WEQ Annual Plan Item 5 and 2007 WGQ Annual Plan Item 8: “Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata as revised by the WEQ and WGQ Executive Committees on February 29, 2008 - [http://naesb.org/doc\\_view2.asp?doc=weq\\_wgq\\_rat030508\\_2007\\_weq\\_api5\\_2007\\_wgq\\_api8\\_rec.doc](http://naesb.org/doc_view2.asp?doc=weq_wgq_rat030508_2007_weq_api5_2007_wgq_api8_rec.doc), ratification due April 4
  - Attachment to Recommendation: 2007 WEQ Annual Plan Item 5 and 2007 WGQ Annual Plan Item 8 as revised by the WEQ and WGQ Executive Committees on February 29, 2008 - [http://naesb.org/member\\_login\\_check.asp?doc=weq\\_wgq\\_rat030508\\_2007\\_weq\\_api5\\_2007\\_wgq\\_api8\\_rec\\_attach.doc](http://naesb.org/member_login_check.asp?doc=weq_wgq_rat030508_2007_weq_api5_2007_wgq_api8_rec_attach.doc)

#### Ratified:

- Recommendation 2008 Annual Plan Item 2(i)7 - OASIS Exemptions Appendix C as revised by the WEQ Executive Committee on February 4, 2008 - [http://naesb.org/member\\_login\\_check.asp?doc=weq\\_rat021308\\_2008\\_weq\\_ap\\_2i7\\_rev\\_rec.doc](http://naesb.org/member_login_check.asp?doc=weq_rat021308_2008_weq_ap_2i7_rev_rec.doc), Ratified March 13, 2008



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### NAESB UPDATE – STANDARDS ADOPTED IN 2008 MARCH 15, 2008

- Attachment to Recommendation WEQ 2008 Annual Plan Item 2(i)7 – OASIS Exemptions Appendix C as revised by the WEQ Executive Committee on February 4, 2008 - (Redline) - [http://naesb.org/member\\_login\\_check.asp?doc=weq\\_rat021308\\_2008\\_weq\\_ap\\_2i7\\_rev\\_rec\\_attach\\_redline.doc](http://naesb.org/member_login_check.asp?doc=weq_rat021308_2008_weq_ap_2i7_rev_rec_attach_redline.doc)
- Attachment to Recommendation WEQ 2008 Annual Plan Item 2(i)7 – OASIS Exemptions Appendix C as revised by the WEQ Executive Committee on February 4, 2008 - (Clean) - [http://naesb.org/member\\_login\\_check.asp?doc=weq\\_rat021308\\_2008\\_weq\\_ap\\_2i7\\_rev\\_rec\\_attach\\_clean.doc](http://naesb.org/member_login_check.asp?doc=weq_rat021308_2008_weq_ap_2i7_rev_rec_attach_clean.doc)

#### **Final Actions:**

- 2007 WEQ Annual Plan item 2(ii) Final Action: Group 1: Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority - Ratified February 29, 2008 - Minor Correction Applied to Attachments February 27, 2008 - [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_2007\\_weq\\_ap\\_2ii\\_mc\\_022708.doc](http://naesb.org/member_login_check.asp?doc=fa_2007_weq_ap_2ii_mc_022708.doc)
  - 2007 WEQ Annual Plan item 2(ii) Final Action: Attachment 1-OASIS S&CPs (WEQ-002) - Minor Correction Applied February 27, 2008 [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_2007\\_weq\\_ap\\_2ii\\_attach002\\_mc\\_022708.doc](http://naesb.org/member_login_check.asp?doc=fa_2007_weq_ap_2ii_attach002_mc_022708.doc)
  - 2007 WEQ Annual Plan item 2(ii) Final Action: Attachment 2-OASIS Data Dictionary (WEQ-003) - [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_2007\\_weq\\_ap\\_2ii\\_attach003.doc](http://naesb.org/member_login_check.asp?doc=fa_2007_weq_ap_2ii_attach003.doc)
  - 2007 WEQ Annual Plan item 2(ii) Final Action: Attachment 3-OASIS Implementation Guide (WEQ-013) - Minor Correction Applied February 27, 2008 - [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_2007\\_weq\\_ap\\_2ii\\_attach013\\_mc\\_022708.doc](http://naesb.org/member_login_check.asp?doc=fa_2007_weq_ap_2ii_attach013_mc_022708.doc)
- C07001 Final Action: Interpretation of WEQ-011-1.2 - Ratified December 19, 2007 - [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_weq\\_c07001.doc](http://naesb.org/member_login_check.asp?doc=fa_weq_c07001.doc)
- 2007 WEQ Annual Plan Item 2(c) Final Action: Order 890 modifications to WEQ-001 - Ratified December 19, 2007 - Minor Correction Applied to Attachment February 27, 2008 - [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_2007\\_weq\\_ap\\_2c\\_mc\\_022708.doc](http://naesb.org/member_login_check.asp?doc=fa_2007_weq_ap_2c_mc_022708.doc)
  - 2007 WEQ Annual Plan Item 2(c) Final Action: Attachment - Minor Correction Applied February 27, 2008 - [http://naesb.org/member\\_login\\_check.asp?doc=fa\\_2007\\_weq\\_ap\\_2c\\_attach\\_mc\\_022708.doc](http://naesb.org/member_login_check.asp?doc=fa_2007_weq_ap_2c_attach_mc_022708.doc)



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>1 Develop business practices standards as needed to complement reliability standards</b>		
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. <sup>3</sup>  Status: Ongoing as NERC makes changes.	Ongoing	BPS <sup>4</sup>
b) Develop business practices to support Coordinate Interchange – <a href="#">R05020</a> “Include a guideline for rounding schedules with partial mWh's in the coordinate interchange business practice WEQ BPS-002-000”  Status: Underway.	<del>4<sup>th</sup> Q,</del> <a href="#">2007/2008</a>	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: <del>Not Started</del> <a href="#">Underway-Completed</a> .	<del>2<sup>nd</sup>-1<sup>st</sup> Q,</del> 2008	SRS
ii) Develop business practice standards to support Operate Within Limits (R03017)  Status: Not Started. <a href="#">Depending on the WEQ EC decision on 1c(i), this item will be considered complete</a>	4 <sup>th</sup> Q, 2008	BPS
d) Prepare recommendations for future path for TLR in concert with NERC, which may include alternative congestion management procedures <sup>5</sup>  <a href="#">Status: Not Started</a> .	4 <sup>th</sup> Q, 2008	BPS <sup>6</sup>
e) Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.  Status: Not Started.	4 <sup>th</sup> Q, 2008	BPS



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<b>2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)</b>		
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 items (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 Status: Completed	4 <sup>th</sup> Q, 2007	ESS/ITS
2. Conditional Firm Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Not Started	1 <sup>st</sup> -3 <sup>rd</sup> Q, 2008	ESS/ITS
3. Annotations For ATC Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: <u>UnderwayCompleted</u>	1 <sup>st</sup> 4 <sup>th</sup> -Q, 2008 <del>7</del>	<u>BPS</u> , ESS/ITS
4. Load Forecast And Actual Load Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: <u>UnderwayComplete</u>	1 <sup>st</sup> 4 <sup>th</sup> Q, 2008 <del>7</del>	<u>BPS</u> , ESS/ITS
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) Status: <u>UnderwayCompleted</u>	1 <sup>st</sup> 4 <sup>th</sup> Q, 2008 <del>7</del>	ESS/ITS
6. Preconfirmation Priority Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: <u>UnderwayCompleted</u>	1 <sup>st</sup> 4 <sup>th</sup> Q, 2008 <del>7</del>	ESS/ITS
7. OASIS Exemptions Appendix Status: <u>UnderwayCompleted</u>	4 <sup>th</sup> Q, 2007	ESS/ITS





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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
ii)	Group 2: Metrics; Redispatch Cost Posting		
	1. Metrics Related to Provision of Transmission Service (Paragraph 413 of Order 890) Status: <u>UnderwayCompleted</u>	1 <sup>st</sup> Q, 2008	ESS/ITS
	2. Metrics Related to Performance of Transmission Studies (Paragraphs 1308 through 1317 of Order 890) Status: <u>UnderwayCompleted</u>	1 <sup>st</sup> Q, 2008	ESS/ITS
	3. Redispatch Cost Posting <ul style="list-style-type: none"> <li>• Monthly average cost of redispatch</li> <li>• A high and low redispatch for the month</li> </ul> Status: <u>UnderwayCompleted</u>	1 <sup>st</sup> 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	<u>2<sup>nd</sup>-3<sup>rd</sup></u> 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	<u>2<sup>nd</sup>-3<sup>rd</sup></u> Q, 2008	ESS/ITS
	3. Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	<u>3<sup>rd</sup>-2<sup>nd</sup></u> Q, 2008	ESS/ITS
	4. Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	<u>3<sup>rd</sup>-2<sup>nd</sup></u> Q, 2008	ESS/ITS
	5. Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	<u>3<sup>rd</sup>-2<sup>nd</sup></u> Q, 2008	ESS/ITS
	6. Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	<u>3<sup>rd</sup>-2<sup>nd</sup></u> Q, 2008	ESS/ITS



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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
	7. Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	3 <sup>rd</sup> 2 <sup>nd</sup> Q, 2008	ESS/ITS
	8. Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	3 <sup>rd</sup> 2 <sup>nd</sup> Q, 2008	ESS/ITS
iv)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
	1. Pre-Emption Status: Not Started	3 <sup>rd</sup> 2 <sup>nd</sup> Q, 2008	ESS/ITS
	2. Request No. R05019 Status: Not Started	3 <sup>rd</sup> 2 <sup>nd</sup> Q, 2008	ESS/ITS
	3. Revisions to Standard 9.7 Status: Not Started	2 <sup>nd</sup> Q, 2008	ESS/ITS
v)	Group 5: Paragraph 1377		
	1. Paragraph 1377 Status: Not Started	4 <sup>th</sup> 3 <sup>rd</sup> Q, 2008	ESS/ITS
	2. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	4 <sup>th</sup> 3 <sup>rd</sup> Q, 2008	ESS/ITS
vi)	Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
	1. Paragraph 1390 of Order 890 Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS
	2. Paragraphs 1627 of Order 890 Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS
	3. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
4. Posting of <u>Existing Transmission Commitments (ETC)</u> <del>ETC</del> (moved from Group 1) Status: Not Started	2 <sup>nd</sup> <del>3<sup>rd</sup></del> Q, 2008	ESS/ITS
vii) <u>Group 7: Tagging for Conditional Firm Service</u>		
1. <u>Tagging for Conditional Firm Service</u> Status: Underway	2 <sup>nd</sup> Q, 2008	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts. <sup>7</sup>		
i) Develop standards to support existing Request No. <a href="#">R05004</a> . Status: Underway	4 <sup>th</sup> Q, 2008	BPS, ESS/ITS
ii) Develop Business Practice Standards for <u>Existing Transmission Commitments</u> <del>Transfer Capability</del> (ETC)		
1. Develop the Business Practice Standards complementary to NERC Reliability Standards for <u>Existing Transmission Commitments (ETC)</u> <del>Existing Transfer Capability (ETC)</del> 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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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
iii) <b>Capacity Benefit Margin (CBM) Business Practices</b>		
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) <b>Transmission Reliability Margin Business Practices:</b>		
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  <u>Status: Underway</u>	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.	June 1, 2008	BPS, ESS/ITS
The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.		
Status: Underway		
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.	June 1, 2008	BPS/ESS/ITS
The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards		
<del>development</del> development.		
Status: Underway.		
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.	<del>June 1, 1<sup>st</sup> Q,</del> 2008	BPS/ESS/ITS
The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.		
<u>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.)</u>		
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).”	<del>4<sup>th</sup> Q, 2007</del> <u>Q, 2008</u>	BPS/ESS/ITS
The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development.		
<u>Status: Completed</u>		



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## NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Adopted by the Board of Directors on December 13, 2007

Revised Draft February 28 Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
	<p>4. Business practice standards for posting on OASIS of the “underlying load forecast assumptions for all ATC calculations”.</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: <u>Underway</u><del>Complete</del></p>	<del>June 1, 1<sup>st</sup> Q.</del> 2008	BPS/ESS/ITS
	<p>5. Business practice standards for posting on OASIS of the “actual daily peak load for the prior day.”</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: <u>Underway</u><del>Complete</del></p>	<del>1<sup>st</sup> 4<sup>th</sup>-Q.</del> <del>2008</del> <sup>7</sup>	BPS/ESS/ITS
vi)	<p>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</p> <p>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.</p> <p>Status: Underway</p>	June 1, 2008	BPS, ESS/ITS
vii)	<p>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.)</p> <p>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.</p> <p>Status: <u>Underway</u><del>Completed</del>. (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.)</p>	<del>June 1<sup>st</sup> Q.</del> 2008	BPS, ESS/ITS
c)	<p>Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order.</p> <p>Status: Not Started.</p>	June 1, 2008	BPS, ESS/ITS



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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>3</b>	<b>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</b>		
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 ( <a href="#">R04006E</a> ). (Related to AP 2(a)(iii)) Status: Underway.	2 <sup>nd</sup> Q, 2008	ESS/ITS
iii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC ( <a href="#">R04037</a> ). Status: Underway.		
	1) Work with the NAESB counsel to develop a confidentiality agreement	4 <sup>th</sup> 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 ( <a href="#">R05019</a> ). Status: Not Started.(Related to request <a href="#">R05004</a> )	4 <sup>th</sup> 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 ( <a href="#">R05026</a> ). Status: Underway. Scoping <a href="#">statement</a> completed by SRS <del>and</del> assignments made, <del>and clarifications requested from the submitter, to BPS and ESS/ITS.</del>	2008 as determined	<del>Various</del> <a href="#">BPS</a> , <a href="#">ESS/ITS</a>
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)	2 <sup>nd</sup> Q, 2008	ESS/ITS



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
b) Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i) Address the <a href="#">surety assessment findings</a> 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.	1 <sup>st</sup> Q, 2008	JISWG
ii) Develop PKI standards for OASIS. Status: Not Started.	3 <sup>rd</sup> Q, 2008	ESS/ITS
iii) Develop PKI Standards for e-tagging. Status: Underway. <a href="#">eTagging items are linked to the transition of the Registry from NERC to NAESB.</a>	<del>4<sup>th</sup> Q,</del> <del>2007</del> 2008	JISWG
iv) Develop enhanced Electric Industry Registry (EIR), ( <a href="#">R06027</a> ) Status: Underway. <a href="#">The transition of the Registry from NERC to NAESB as part of this request should take place by yearend 2008.</a>	<del>4<sup>th</sup> Q,</del> <del>2007</del> 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. <a href="#">Common code usage is linked to the transition of the Registry from NERC to NAESB.</a>	<del>4<sup>th</sup> Q,</del> <del>2007</del> 2008	NAESB Staff with WEQ support
<b>4 Review and develop business practices standards to support e-Tariff program</b>		
Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. ( <a href="#">Docket No RM05-1-000</a> ) Status: Underway. <a href="#">Completed</a>	1 <sup>st</sup> Q 2008	Joint WEQ/WGQ e-Tariff Subcommittee
<b>5 Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs</b>		
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	3 <sup>rd</sup> Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee





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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
b) Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway.	3 <sup>rd</sup> 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	4 <sup>th</sup> Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
d) Develop glossary for business practice standards Status: Underway	4 <sup>th</sup> 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	4 <sup>th</sup> 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
<b>6 <u>Maintain existing body of Version 1 standards</u></b>		
a) <u>Review/revise WEQ 006 to remove/revise mandatory requirements for Interconnection Time Monitor (R07019)</u> Status: Not Started.	<u>TBD</u>	<u>BPS</u>
b) <u>Develop a NAESB time and inadvertent management business practice that provides additional inadvertent payback options and improved time control (R07020)</u> Status: Not Started.	<u>TBD</u>	<u>BPS</u>



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
c) <u>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)</u>  <u>Status: Not Started.</u>	<u>TBD</u>	<u>BPS, ESS/ITS</u>

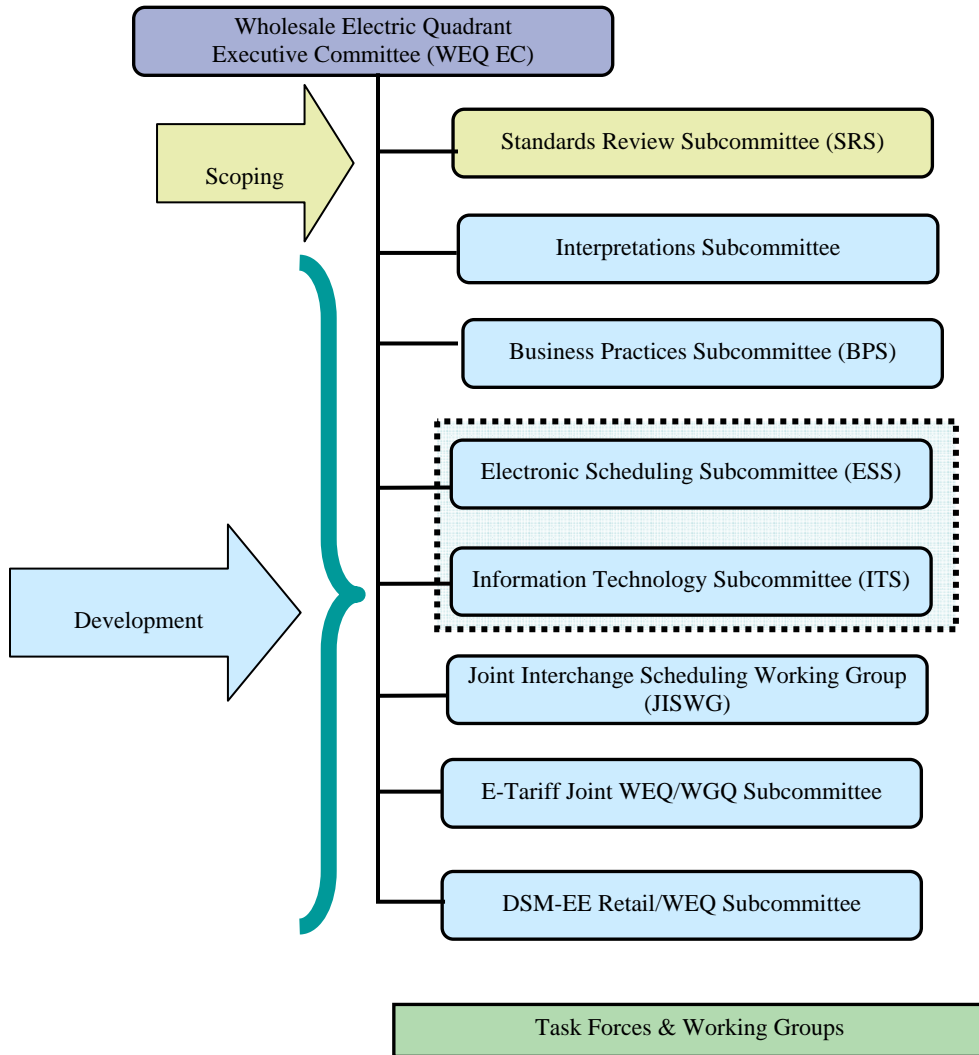
### PROVISIONAL ITEMS

- 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, [Marcie Otondo](#), 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:

<sup>1</sup> 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.

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

<sup>3</sup> For additional information, please see: [http://www.naesb.org/pdf3/weq\\_bps100407w4.ppt](http://www.naesb.org/pdf3/weq_bps100407w4.ppt) for Phase II changes and [http://www.naesb.org/pdf2/weq\\_bps070907w4.doc](http://www.naesb.org/pdf2/weq_bps070907w4.doc) for Phase III changes.

<sup>4</sup> [Joint Development Procedure](#) is to be used by the NERC TLR Drafting Team and NAESB BPS.

<sup>5</sup> For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item: [http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

<sup>6</sup> Joint Development Procedure is to be used by the NERC TLR Drafting Team and NAESB BPS.

<sup>7</sup> 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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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>1 Develop business practices standards as needed to complement reliability standards</b>		
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.	As requested	BPS
Status: No requests.		
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. <sup>3</sup>	Ongoing	BPS <sup>4</sup>
Status: Ongoing as NERC makes changes.		
b) Develop business practices to support Coordinate Interchange – <a href="#">R05020</a> “Include a guideline for rounding schedules with partial mWh's in the coordinate interchange business practice WEQ BPS-002-000”	2008	BPS, JISWG
Status: Underway.		
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)	1 <sup>st</sup> Q, 2008	SRS
Status: Completed.		
ii) Develop business practice standards to support Operate Within Limits (R03017)	4 <sup>th</sup> Q, 2008	BPS
Status: Not Started. Depending on the WEQ EC decision on 1c(i), this item will be considered complete		
d) Prepare recommendations for future path for TLR in concert with NERC, which may include alternative congestion management procedures <sup>5</sup>	4 <sup>th</sup> Q, 2008	BPS <sup>6</sup>
Status: Not Started.		
e) Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.	4 <sup>th</sup> Q, 2008	BPS
Status: Not Started.		



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<b>2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)</b>		
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 ( <a href="#">Docket Nos. RM05-25-000 and RM05-17-000</a> ) and <a href="#">Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002)</a> , "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	4 <sup>th</sup> Q, 2007	ESS/ITS
Status: Completed		
2. Conditional Firm Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	3 <sup>rd</sup> 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)	1 <sup>st</sup> 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)	1 <sup>st</sup> 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)	1 <sup>st</sup> Q, 2008	ESS/ITS
Status: Completed		
6. Preconfirmation Priority Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	1 <sup>st</sup> Q, 2008	ESS/ITS
Status: Completed		
7. OASIS Exemptions Appendix	4 <sup>th</sup> Q, 2007	ESS/ITS
Status: Completed		



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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
ii)	Group 2: Metrics; Redispatch Cost Posting		
	1. Metrics Related to Provision of Transmission Service (Paragraph 413 of Order 890) Status: Completed	1 <sup>st</sup> Q, 2008	ESS/ITS
	2. Metrics Related to Performance of Transmission Studies (Paragraphs 1308 through 1317 of Order 890) Status: Completed	1 <sup>st</sup> Q, 2008	ESS/ITS
	3. Redispatch Cost Posting <ul style="list-style-type: none"> <li>• Monthly average cost of redispatch</li> <li>• A high and low redispatch for the month</li> </ul> Status: Completed	1 <sup>st</sup> 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	3 <sup>rd</sup> 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	3 <sup>rd</sup> Q, 2008	ESS/ITS
	3. Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	3 <sup>rd</sup> Q, 2008	ESS/ITS
	4. Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	3 <sup>rd</sup> Q, 2008	ESS/ITS
	5. Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	3 <sup>rd</sup> Q, 2008	ESS/ITS
	6. Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	3 <sup>rd</sup> Q, 2008	ESS/ITS



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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
	7. Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	3 <sup>rd</sup> Q, 2008	ESS/ITS
	8. Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	3 <sup>rd</sup> Q, 2008	ESS/ITS
iv)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
	1. Pre-Emption Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS
	2. Request No. R05019 Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS
	3. Revisions to Standard 9.7 Status: Not Started	2 <sup>nd</sup> Q, 2008	ESS/ITS
v)	Group 5: Paragraph 1377		
	1. Paragraph 1377 Status: Not Started	4 <sup>th</sup> Q, 2008	ESS/ITS
	2. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	4 <sup>th</sup> Q, 2008	ESS/ITS
vi)	Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
	1. Paragraph 1390 of Order 890 Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS
	2. Paragraphs 1627 of Order 890 Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS
	3. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	3 <sup>rd</sup> Q, 2008	ESS/ITS





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**NORTH AMERICAN ENERGY STANDARDS BOARD**  
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**Revisions Proposed by the WEQ EC and Leadership on March 14, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
4. Posting of <b>Existing Transmission Commitments (ETC)</b> (moved from Group 1)  Status: Not Started	2 <sup>nd</sup> Q, 2008	ESS/ITS
vii) Group 7: Tagging for Conditional Firm Service		
1. Tagging for Conditional Firm Service  Status: Underway	2 <sup>nd</sup> Q, 2008	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts. <sup>7</sup>		
i) Develop standards to support existing Request No. <a href="#">R05004</a> .  Status: Underway	4 <sup>th</sup> Q, 2008	BPS, ESS/ITS
ii) Develop Business Practice Standards for <b>Existing Transmission Commitments (ETC)</b>		
1. Develop the Business Practice Standards complementary to NERC Reliability Standards for <b>Existing Transmission Commitments (ETC)</b> 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



# North American Energy Standards Board

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## NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Adopted by the Board of Directors on December 13, 2007

Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
iii)	<b>Capacity Benefit Margin (CBM) Business Practices</b>		
	<p>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.”</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Underway.</p>	June 1, 2008	BPS, ESS/ITS
	<p>2. Business practice standards that include an OASIS mechanism to “allow for auditing of CBM usage.”</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Underway.</p>	June 1, 2008	BPS, ESS/ITS
	<p>3. Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Underway</p>	June 1, 2008	BPS, ESS/ITS
iv)	<b>Transmission Reliability Margin Business Practices:</b>		
	<p>1. Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Underway</p>	June 1, 2008	BPS, ESS/ITS
	<p>2. The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: Underway</p>	June 1, 2008	BPS, ESS/ITS



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
3. Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort.	June 1, 2008	BPS, ESS/ITS
The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.		
Status: Underway		
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.	June 1, 2008	BPS/ESS/ITS
The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.		
Status: Underway.		
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.	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS
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.)		
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).”	1 Q, 2008	BPS/ESS/ITS
The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development.		
Status: Completed		



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### NORTH AMERICAN ENERGY STANDARDS BOARD

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Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
	<p>4. Business practice standards for posting on OASIS of the “underlying load forecast assumptions for all ATC calculations”.</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: Complete</p>	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS
	<p>5. Business practice standards for posting on OASIS of the “actual daily peak load for the prior day.”</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: Complete</p>	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS
vi)	<p>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</p> <p>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.</p> <p>Status: Underway</p>	June 1, 2008	BPS, ESS/ITS
vii)	<p>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.)</p> <p>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.</p> <p>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.)</p>	1 <sup>st</sup> Q, 2008	BPS, ESS/ITS
c)	<p>Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order.</p> <p>Status: Not Started.</p>	June 1, 2008	BPS, ESS/ITS



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Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>3</b>	<b>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</b>		
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 ( <a href="#">R04006E</a> ). (Related to AP 2(a)(iii)) Status: Underway.	2 <sup>nd</sup> Q, 2008	ESS/ITS
iii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC ( <a href="#">R04037</a> ). Status: Underway.		
	1) Work with the NAESB counsel to develop a confidentiality agreement	4 <sup>th</sup> 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 ( <a href="#">R05019</a> ). Status: Not Started.(Related to request <a href="#">R05004</a> )	4 <sup>th</sup> 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 ( <a href="#">R05026</a> ). Status: Underway. Scoping <a href="#">statement</a> 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)	2 <sup>nd</sup> Q, 2008	ESS/ITS



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### NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Adopted by the Board of Directors on December 13, 2007

Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
b) Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i) Address the <a href="#">surety assessment findings</a> 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.	1 <sup>st</sup> Q, 2008	JISWG
ii) Develop PKI standards for OASIS. Status: Not Started.	3 <sup>rd</sup> 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), ( <a href="#">R06027</a> ) 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
<b>4 Review and develop business practices standards to support e-Tariff program</b>		
Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. ( <a href="#">Docket No RM05-1-000</a> ) Status: Underway. Completed	1 <sup>st</sup> Q 2008	Joint WEQ/WGQ e-Tariff Subcommittee
<b>5 Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs</b>		
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	3 <sup>rd</sup> Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee



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2008 WEQ Annual Plan Adopted by the Board of Directors on December 13, 2007

Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
b) Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway.	3 <sup>rd</sup> 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	4 <sup>th</sup> Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
d) Develop glossary for business practice standards Status: Underway	4 <sup>th</sup> 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	4 <sup>th</sup> 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
<b>6 Maintain existing body of Version 1 standards</b>		
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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### NORTH AMERICAN ENERGY STANDARDS BOARD

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Revisions Proposed by the WEQ EC and Leadership on March 14, 2008

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
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

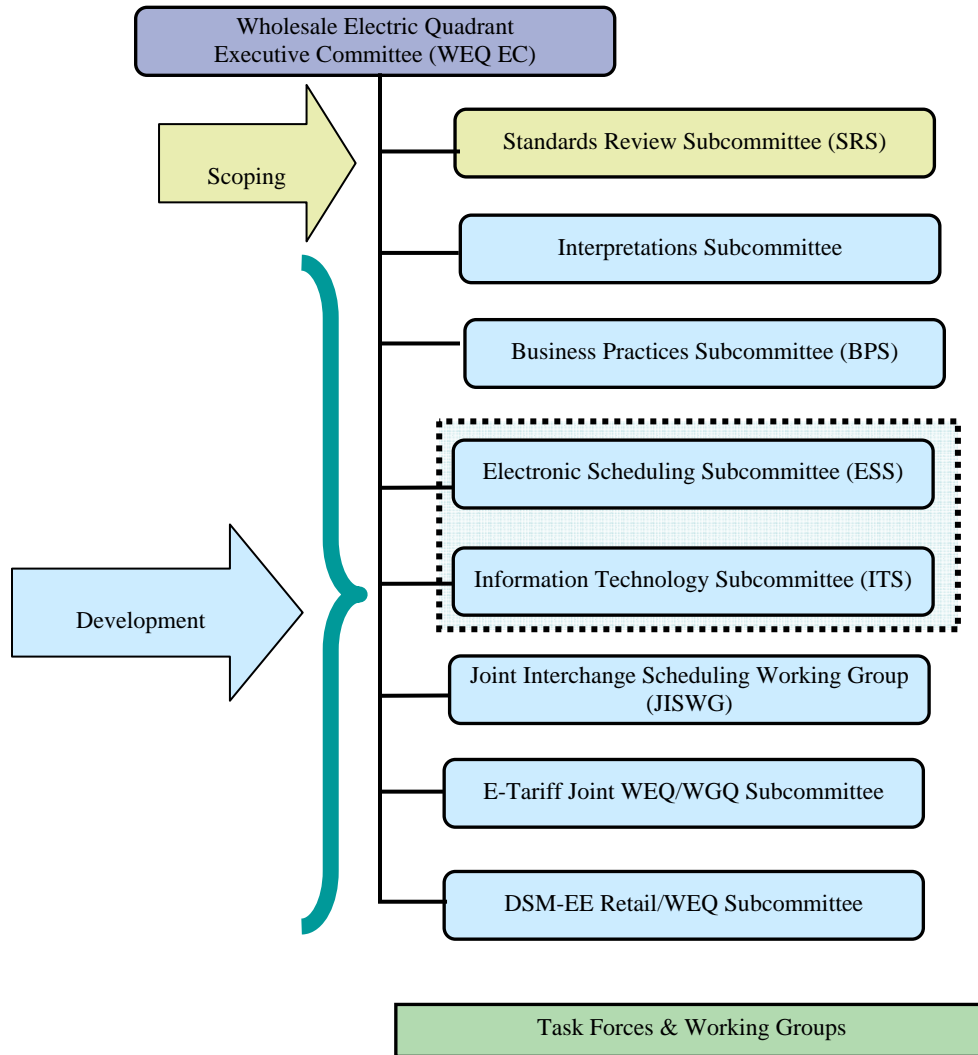
- 1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy and Inadvertent Interchange Data Standards BAL-006 revisions.  
  
Status: In review of the NERC development effort, [Balancing Authority Controls \(Project 2007-05\)](#), with 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:

<sup>1</sup> 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.

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

<sup>3</sup> For additional information, please see: [http://www.naesb.org/pdf3/weq\\_bps100407w4.ppt](http://www.naesb.org/pdf3/weq_bps100407w4.ppt) for Phase II changes and [http://www.naesb.org/pdf2/weq\\_bps070907w4.doc](http://www.naesb.org/pdf2/weq_bps070907w4.doc) for Phase III changes.

<sup>4</sup> [Joint Development Procedure](#) is to be used by the NERC TLR Drafting Team and NAESB BPS.

<sup>5</sup> For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item: [http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

<sup>6</sup> Joint Development Procedure is to be used by the NERC TLR Drafting Team and NAESB BPS.

<sup>7</sup> 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 December 13, 2007

	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>Damage Reporting for Natural Gas Pipeline Facilities</b>			
1	Review and develop standards as appropriate to support posting of information as noted in Docket No. RM06-18-000, <a href="#">Order No. 682</a> and Docket No. RM06-18-001, <a href="#">Order No. 682-A</a> . Review transmission line damage reporting to identify commonality and apply as appropriate.  Status: Not Started.	4 <sup>th</sup> Q 2008	BPS
<b>Electronic Delivery Mechanisms and Related Activities</b>			
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
<b>Contracts Activities</b>			
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.	1 <sup>st</sup> Q, 2008	Contracts
<b>Gas-Electric Interdependency</b>			
4	Respond to directives of <a href="#">FERC Order No. 698 issued 6-25-07</a> , Docket Nos. <a href="#">RM05-5-001</a> and <a href="#">RM96-1-027</a> as related to the NAESB reports submitted in Docket No. <a href="#">RM05-28-000</a> :		
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. <u>This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently.</u> " (emphasis added)		
i.)	Develop business practice standards to address the threshold questions of ¶ 56 of Order No. 698:  Status: Underway.	2 <sup>nd</sup> 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, <u>NAESB can consider through its consensus process possible standards for according increased receipt and delivery point flexibility.</u> "(emphasis added)		



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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
i.)	Develop business practice standards to address the threshold questions of ¶ 63 of Order No. 698:  Status: Underway.	2 <sup>nd</sup> 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. <u>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.</u> 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.	3 <sup>rd</sup> 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
<b>Capacity Release</b>			
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.	3 <sup>rd</sup> Q, 2008	BPS
<b>Review and develop business practices standards to support e-Tariff program</b>			
6	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. ( <a href="#">Docket No RM05-1-000</a> )  Status: Underway.	1st Q, 2008	Joint WEQ/WGQ e-Tariff
<b>Customer Security Administration</b>			
7	Review and develop standards as appropriate to support Customer Security Administration Standards ( <a href="#">Comment Submittal. 10-29-07</a> )  Status: Not started, action pending submittal of request and process for request assignment.	TBD	TBD



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### NORTH AMERICAN ENERGY STANDARDS BOARD

#### 2008 WGQ Annual Plan to be Presented to the NAESB Board of Directors on December 13, 2007 For Approval

Item Description	Completion	Assignment
<b>Program of Standards Maintenance &amp; Fully Staffed Standards Work</b>		
Business Practice Requests	Ongoing	Assigned by the EC <sup>3</sup>
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 <sup>4</sup>
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC <sup>4</sup>
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC <sup>4</sup>

#### Provisional Activities

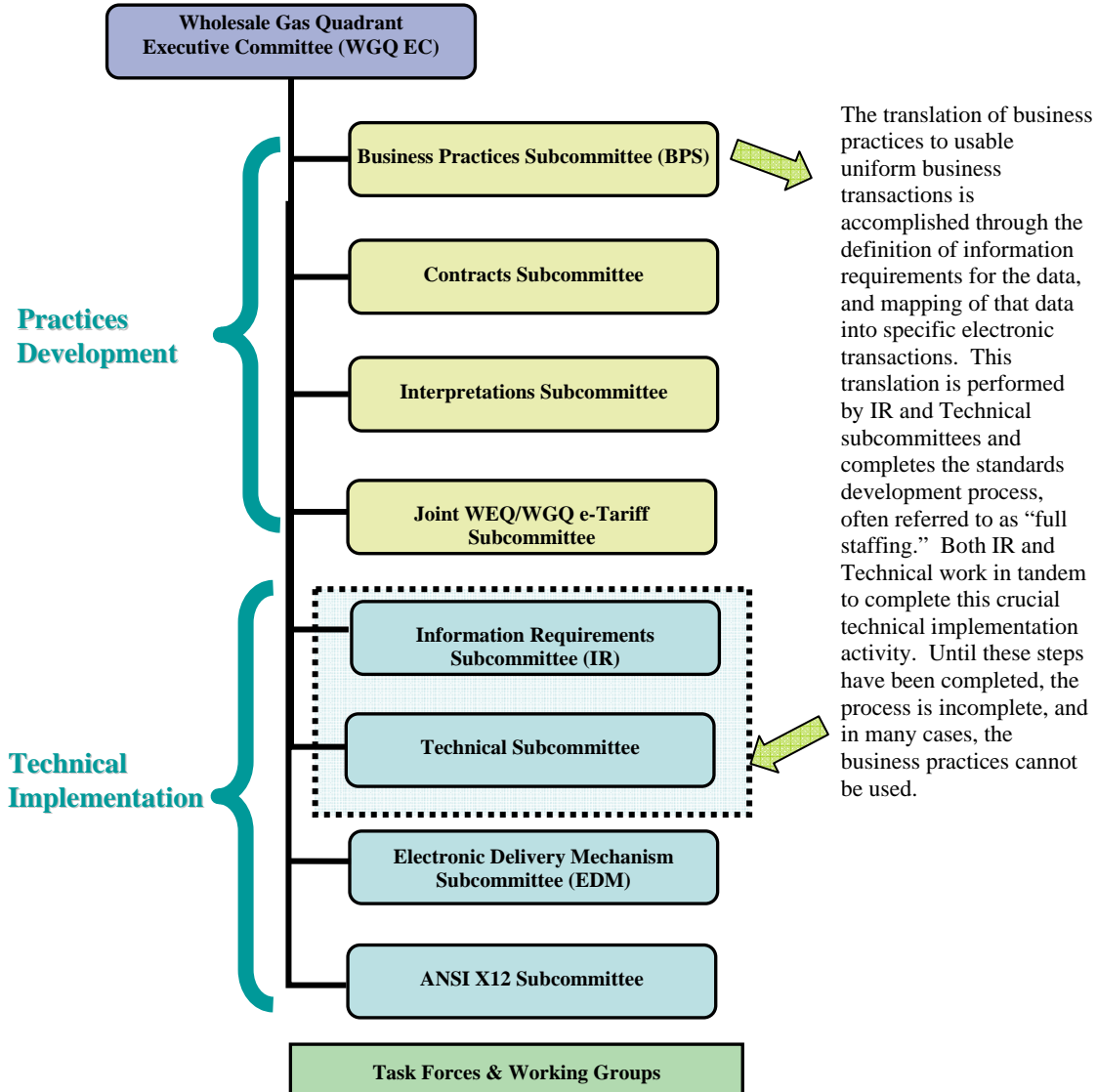
Respond to requests as received that are related to Docket No. [AD06-11-000](#) (Market Transparency Reporting).

- 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.



# North American Energy Standards Board

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 Home Page: [www.naesb.org](http://www.naesb.org)



## 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:

<sup>1</sup> 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.

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

<sup>3</sup> The EC assigns maintenance of existing standards on a request-by-request basis.



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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 <sup>1</sup>	Completion <sup>2</sup>	Assignment <sup>3</sup>
1 Electronic Retail Billing. Develop Technical Electronic Implementation Standards – Electronic Retail Billing Status: Underway	1 <sup>st</sup> Q 2008	TEIS
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. Status: Underway	1 <sup>st</sup> Q, 2008	IR
b. Develop Technical Electronic Implementation Standards – Customer Enrollment, Drop and Account Information Change, Status: Underway	2 <sup>nd</sup> Q 2008	TEIS
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 Status: Projected to be completed 4 <sup>th</sup> Q 2007	4 <sup>th</sup> Q 2007 <sup>1</sup>	Texas Task Force/ BPS
ii) Customer Drop Status: Underway	1 <sup>st</sup> Q 2008	Texas Task Force/ BPS
iii) Account Information Change Status: Not Started	2 <sup>nd</sup> Q 2008	Texas Task Force/ BPS
4 Review and Discuss application of any other existing model business practices for the Registration Agent model	3 <sup>rd</sup> 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. Status: Not Started. Delayed to 2008 for completion because the registration agent model is separate from customer enrollments.	4 <sup>th</sup> Q 2008	BPS
6 Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program. Status: Not Started. Dependent upon publication of Version 1.1 at a minimum, but more dependent upon completion of Customer Choice efforts.	2009	TEIS





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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 <sup>1</sup>	Completion <sup>2</sup>	Assignment <sup>3</sup>
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	1 <sup>st</sup> 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	3 <sup>rd</sup> 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	3 <sup>rd</sup> 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	4 <sup>th</sup> Q, 2008	Joint WEQ/Retail DSM Subcommittee
d. Develop glossary for business practice standards  Status: Underway	4 <sup>th</sup> 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	4 <sup>th</sup> 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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**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 <sup>1</sup>	Completion <sup>2</sup>	Assignment <sup>3</sup>
<b>Program of Standards Maintenance &amp; Fully Staffed Standards Work<sup>4</sup></b>		
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:

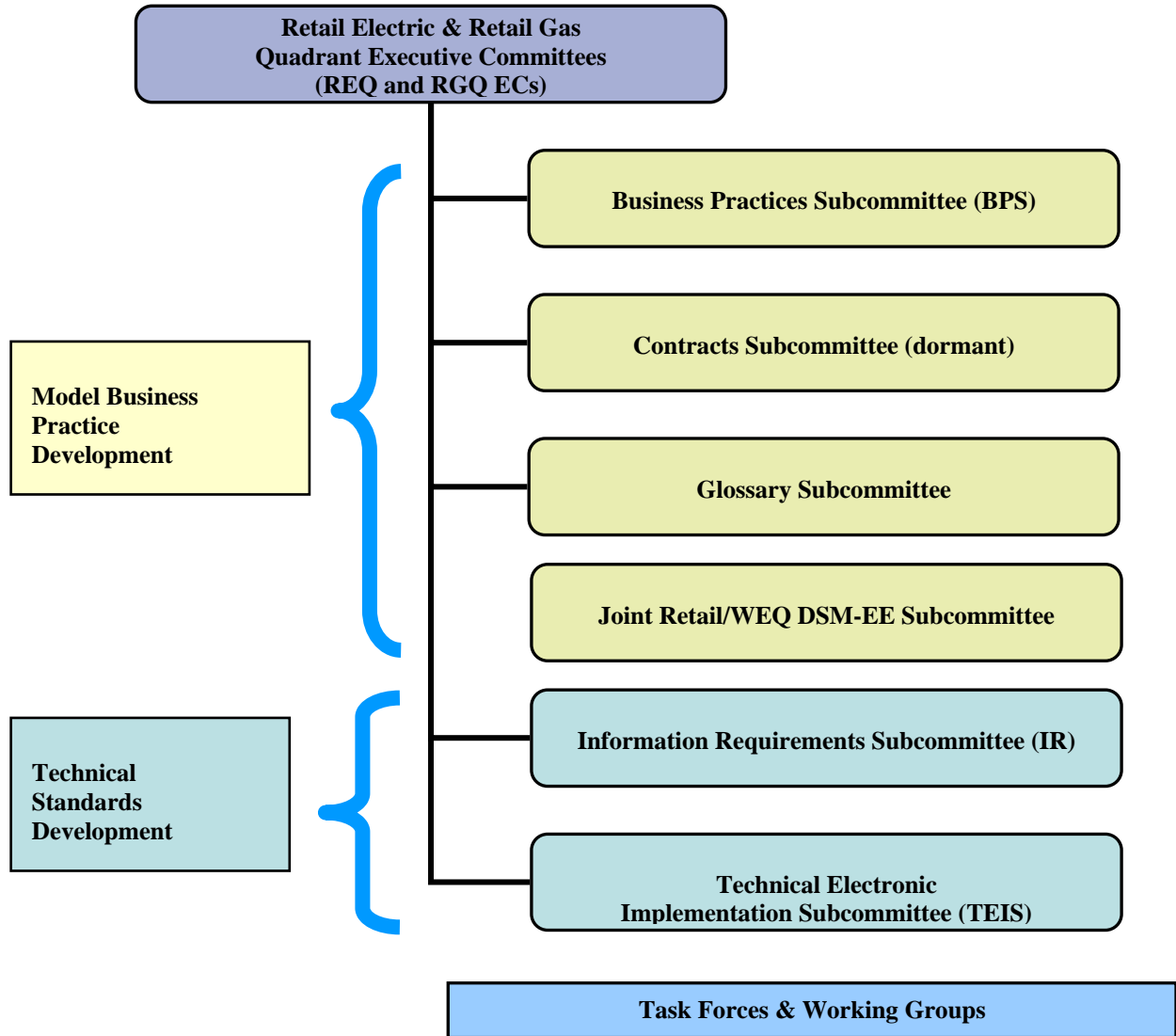
Examine Wholesale Gas Quadrant Non-EDM Standards for applicability to retail business practices.

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



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**NAESB Retail Subcommittee Leadership:** <sup>5</sup>

- 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:

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<sup>1</sup> 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.

<sup>2</sup> 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.

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

<sup>4</sup> 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.

<sup>5</sup> 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**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 7**

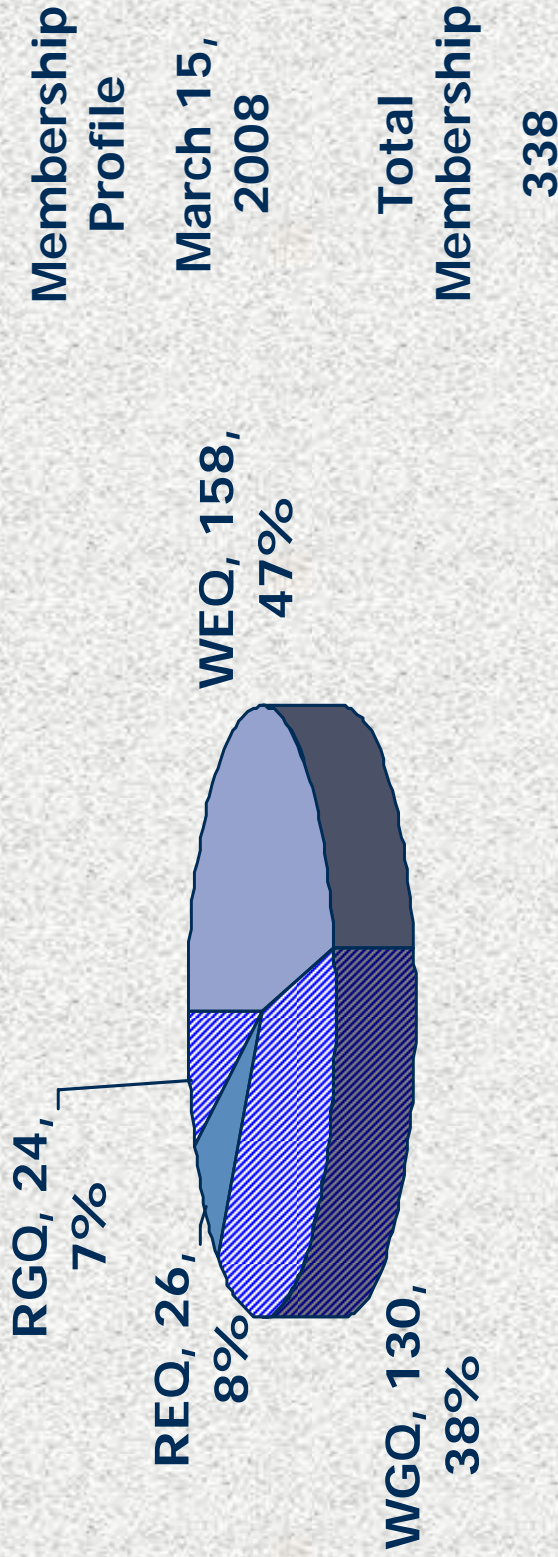
**MEMBERSHIP AND FINANCIAL REPORTS**

This section includes:

- Membership Report and Statistics
- Financial Report YE for 2007
- Financial Report YTD for 2008

The material presented is background information for the discussion of agenda item 5. The material is presented as informational for discussion purposes with the no action expected of the board.

# North American Energy Standards Board Organizational Profile



Quadrant Statistics	WEO	WGO	REQ	RGO	Total
Membership YE 2007	157	127	26	26	336
Net Change	+1	+3	0	-2	+2
Membership YTD	158	130	26	24	338

North American Energy Standards Board Membership List  
As of March 15, 2008

**NAESB Membership Statistics – Changes by Quadrant for 2008 as of March 15, 2008**

NAESB Membership Report - Quadrant/Segment Membership Analysis		Number of Members
<b>WGQ Segments</b>	<b>TOTAL</b>	<b>130</b>
	End Users	18
	Distributors	25
	Pipelines	40
	Producers	12
	Services	35
<b>REQ Segments</b>	<b>TOTAL</b>	<b>26</b>
	End Users	4
	Distributors	12
	Services	6
	Suppliers	4
<b>RGQ Segments</b>	<b>TOTAL</b>	<b>24</b>
	End Users	3
	Distributors	10
	Services	5
	Suppliers	6
<b>WEQ Segments</b>	<b>TOTAL</b>	<b>158</b>
	End Users	9
	Distributors	26
	Transmission	48
	Generation	32
	Marketers	32
	None Specified	1
	Independent Grid Operators/Planners	10

North American Energy Standards Board Membership List  
As of March 15, 2008

WEQ	New Members:	5
	<i>British Columbia Transmission Corporation, Entegra Power Group, LLC, Public Power Council, San Diego Gas &amp; Electric Company, Santee Cooper</i>	
	Member Resignations:	4
	<i>Connectiv Energy Supply, Inc., Dept. of the Interior – U.S. Bureau of Reclamation, Florida Reliability Coordinating Council, Ohio Consumers Council</i>	
WGQ	New Members:	5
	<i>Arizona Public Service Company, Bentek Energy, LLC, EnergySouth Midstream, Inc., Foothills Energy Ventures, LLC, OGE Energy Resources, Inc.</i>	
	Member Resignations:	2
	<i>HS Resources, Inc., Vega Energy Partners, Ltd.,</i>	
REQ	New Members:	0
	Member Resignations:	0
RGQ	New Members:	1
	<i>Vectren Retail, LLC</i>	
	Member Resignations:	3
	<i>Center Point Energy Minnegasco, Energy Services Group, Inc., Public Service Electric &amp; Gas Company</i>	
TOTAL	New Members	11
	Member Resignations:	9



North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant		Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
<b>Retail Electric:</b>	1	Alabama Power	d	Judy W. Ray	
	2	Ameren Services Company	d	Patrick Eynon	
	3	Baltimore Gas & Electric Co.	d	Ruth Kiselewich	
	4	Consolidated Edison Company of NY	d	Hollis Krieger	
	5	Constellation NewEnergy, Inc.	d	Jansen Pollock	
	6	Direct Energy Business Services	su	David Booty	
	7	Dominion Retail	su	William Barkas, Richard Zelenko	
	8	Dominion Virginia Power	d	David F. Koogler, Mary Edwards	
	9	EC Power International	s	Judy Bailey, J. Cade Burks, Jennifer Teel	
	10	Electric Reliability Council of Texas (ERCOT)	s	Ray Giuliani, Susan Munson	
	11	Exelon Energy Delivery	d	Toni Garza	
	12	Gulf Power Company	d	J. Thomas Kilgore	
	13	Integrus Energy Services, Inc.	d	Dennis Derricks, Les Nishida, Ken Thiry	
	14	Ista North American	s	Charles Porter	
	15	MidAmerican Energy	d	James E. Wilson	
	16	Mississippi Power Company	d	Dorman Davis	
	17	Office of Public Advocate, State of Maine	e	Richard Davies	
	18	Ohio Consumers Council	e	Wilson Gonzalez	
	19	Oncor	d	Larry Williford, Debbie McKeever	
	20	Pennsylvania Office Of Consumer Advocate	e	Tanya J. McCloskey, Sonny A. Popowsky	
	21	PPL Solutions, LLC	s	James M. Minneman	
	22	Public Service Electric & Gas	d	Terrence Moran	
	23	Southern Company Services	s	Mark S. Jarrett	
	24	Structure Group	s	Stacey Wood	
	25	TXU Energy Retail	su	Felecia Lokey	
	26	Wal-Mart Stores, Inc.	e	Angela Beehler	
<b>Wholesale Gas :</b>	1	8760	s	Jim Buccigross	
	2	Alliance Pipeline LP	pl	Jim Goldmann	
	3	Ameren Corporation	l	Scott Glaeser	
	4	Anadarko Energy Services Company	s	John Bretz	
	5	ANR Pipeline Company	s	Sandy Meyers	

<sup>1</sup> The segment abbreviations are: **REQ:** d – distributors, e – end users, s – service providers, su – suppliers. **RGQ:** d – distributors, e – end users, s – service providers, su – suppliers. **WEQ:** m – marketer/broker, d – distribution, i – independent grid operators/planners, t – transmission owner, e – end user, g – generator. **WGO:** s – services, pl – pipeline, l – LDC, pr – producer, e – end user.

<sup>2</sup> The sub-segment abbreviations are – muni – municipal/cooperative, iou – investor owned utility, itc – independent transmission company, fed – federal/state/provincial facility/agency, lind – large industrial, sgen – self generation, end use – end user that may be represented in other segments, merc – merchant, N – no designation, reg – regulatory agency, niou – not investor owned utility. To get a full description of the subsegment, please reference the WEQ Procedures:  
[http://www.naesb.org/pdf/weq\\_quadrant\\_procedures.doc](http://www.naesb.org/pdf/weq_quadrant_procedures.doc)

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
6	Apache Corporation	pr	Kelley Powell	
7	Arizona Public Service Company	e	Tom Carlson, Kelly Daly	
8	Atmos Energy	pl	Steve Easley	
9	Ballard Natural Gas, LLC	s	Susan Thibodeaux	
10	Baltimore Gas & Electric Co.	l	Phil Precht	
11	Barclays Bank PLC	s	Guy Kern-Martin	
12	Bentek Energy, LOC	s	E. Russell Braziel	
13	BG Energy Merchants, LLC	s	Martha Braddy	
14	Boardwalk Pipeline Partners, LP	pl	Randy Young, Mitch Whitehead	
15	Boeing Co., The	e	Tina Burnett	
16	BP Energy	pr	Bill Benham, Rhonda Denton	
17	Calpine Energy Services, LP	e	Shonnie Daniel, Craig Chancellor	
18	Cargill Incorporated	s	Kathy Gerken	
19	Carolina Gas Transmission Corporation	pl	Ryan Leahy	
20	Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn	
21	CenterPoint Energy Gas Resources Corp.	s	James G. Beste, Laurie A. Rutherford	
22	CenterPoint Energy Gas Transmission Company	pl	Larry Thomas	
23	CenterPoint Energy Mississippi River Transmission Corporation	pl	Robert Trost	
24	Chandeleur Pipe Line Company	pl	Janice E. Rogers	
25	Cheniere LNG Marketing, Inc.	s	Mark Stubbe, Tammy Miller	
26	Chevron Natural Gas	pr	Charles (Chuck) Cook	
27	Cimarex Energy Co.	pr	Charlotte Baker	
28	Citigroup Energy Inc.	s	Carrie Southard, Angela Davis	
29	Colorado Springs Utilities	l	Joe M. Holmes	
30	Columbia Gas Transmission	pl	Carl Levander	
31	Comprehensive Energy Services	e	Jim Templeton	
32	ConocoPhillips Gas and Power	pr	Peter Frost	
33	Consolidated Edison Company of NY	l	Scott Butler, Paul Olmsted	
34	Constellation Energy Commodities Group Inc.	s	Lisa Simpkins	
35	Coral Energy Resources, LP	s	Eric Gillaspie	
36	Dauphin Island Gathering Partners	pl	Katie Rice	
37	DB Energy Trading	s	William Donnelly, Travis McCullough	
38	Defense Energy Support Center	e	Veronica Jones, Kevin Ahern	
39	Department of Energy	e	Christopher Freitas	
40	Dominion Exploration and Production, Inc.	pr	David Ogden, Gary Weaver, Sheri Heslington	
41	Dominion Resources	l	Craig Columbo	
42	Dominion Transmission, Inc.	pl	Gary Sypolt, Iris King	
43	DTE Energy Trading, Inc.	s	Miki Kolobara	
44	El Paso Natural Gas	pl	William Griffith	

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
45	El Paso Exploration & Production Company	pr	Susan Lum	
46	Enbridge Energy Company, Inc.	pl	Terry McGill	
47	EnCana Marketing (USA) Inc.	s	Keith Sappenfield	
48	EnCana Corporation	pr	Keith Sappenfield	
49	Energy East Management Corporation	l	Marjorie Perlman	
50	Entergy Services, Inc.	e	Laura Berryman, Terry Shields	
51	EnergySouth Midstream, Inc.	s	Russell Murrell	
52	Enterprise Products Partners L.P.	pl	Richard W. Porter	
53	Equitable Gas Company	l	Steve Rafferty	
54	ExxonMobil Gas Marketing	pr	Richard Smith	
55	Florida Power & Light Company	e	Dona Gussow	
56	Florida Reliability Coordinating Council	e	Ken Wiley	
57	Foothills Energy Ventures, LLC	pr	Marty Patterson	
58	FPL Energy Power Marketing, Inc.	e	Michael Jessop	
59	Gas Transmission Northwest Corp.	pl	Jay Story	
60	Great Lakes Gas Transmission	pl	Gene Fava	
61	Group 8760	s	Jim Buccigross	
62	Hess Corporation	s	Rebecca Batchelder	
63	Houston Pipe Line Company LP	pl	Josie Castrejana	
64	Imperial Irrigation District	e	William Rapp	
65	Integrus Energy Group, Inc.	l	David E. Wear	
66	Iroquois Gas Transmission System	pl	Tom Gwilliam	
67	J.P. Morgan Ventures Energy Corp.	s	Ike Gibbs	
68	Kern River Gas Transmission Co	pl	Brenda Horton	
69	Key Span Energy	l	Dolores Chezar	
70	Laclede Gas Co.	l	Kenneth Neises	
71	Latitude Technologies	s	Leigh Spangler	
72	Lehman Brothers Commodity Services Inc.	s	David Perlman	
73	Louis Dreyfus Energy Services	s	Mary Ellen Bell, Ruby H. Melton	
74	Lower Colorado River Authority	e	Mickey Bell	
75	Macquarie Cook Energy, LLC	s	Angela Jones	
76	Marathon Oil Company	pr	Robin Perrine	
77	Mewbourne Oil Company	pr	Michael F. Shepard	
78	Mirant Energy Trading, LLC	e	Laura Trautman, John F. Hogan	
79	National Fuel Gas Distribution	l	Michael Novak	
80	National Fuel Gas Supply Corp.	pl	Joseph Kardas	
81	National Grid USA	l	Bruce Garcy	
82	Natural Gas Pipeline Co of America	pl	Paul Love	
83	New Jersey Natural Gas Company	l	Douglas C. Rudd	
84	Nexen Marketing	s	Shelley Leavitt	

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
85	NiSource Inc.	l	George Simmons	
86	Northern Border Pipeline Company	pl	Scott Coburn	
87	Northern Natural Gas	pl	Mary Darveaux	
88	Northwest Natural Gas Company	l	Randolph Friedman	
89	NOVA Gas Transmission Ltd.	pl	Doug Miller	
90	OGE Energy Resources, Inc.	s	Cary Metz	
91	ONEOK	l	Richard Tangeman	
92	ONEOK Partners GP, LLC	pl	Teri Tingler	
93	Ozark Gas Transmission, LLC	pl	David A. Harrell	
94	Pacific Gas & Electric	l	John Breen, Don Petersen	
95	Panhandle Eastern Pipe Line	pl	William Grygar, Kim Van Pelt	
96	PECO Energy Co.	l	Reed R. Horting, Amy Hamilton	
97	Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzalez Azuara	
98	Peoples Gas System (A division of Tampa Electric Co)	l	Wraye Grimard	
99	Platts	s	Bill Murphy	
100	Portland Natural Gas Transmission System	pl	David Haag	
101	PPL EnergyPlus, LLC	e	Anne Lovett	
102	Public Service Electric & Gas	l	David Wohlfarth	
103	Questar Pipeline Co.	pl	Scott Hansen	
104	Quorum Business Solutions Inc.	s	Anne Golenternek, Michael Lewis	
105	Reliance Gas Transportation Infrastructure Limited	pl	Jagjit Yadav	
106	Sabine Pipe Line LLC	pl	Jan Rogers	
107	Salt River Project Agricultural Improvement & Power District	e	Lori-Lynn C. Pennock	
108	Sempra Energy - Southern California Gas Co.	l	Lee Stewart, Rodger Schewecke	
109	Sequent Energy Management, L.P.	s	Pat Metteauer	
110	SolArc, Inc.	s	Chuck McClure	
111	Southern California Edison Company	e	Roman Bakke	
112	Southern Company Services, Inc.	e	Alan Kilpatrick	
113	Southern Natural Gas Co.	pl	Renee Hyde, Tracey Nicholson	
114	Southern Star Central Gas Pipeline	pl	James L. Harder, Dale Sanders	
115	Southwest Gas Corporation	l	Larry Black	
116	Spectra Energy Transmission	pl	Richard Kruse	
117	SUEZ Energy Marketing NA, Inc.	s	Shirley Tidor	
118	SunGard	s	Lucia Nail	
119	Tennessee Gas Pipeline Company	pl	Sue Barry, Mark Gracey	
120	Tennessee Valley Authority	e	Valerie Crockett	
121	Tiger Natural Gas	s	Tracy Phillips	
122	TransCanada Pipelines	pl	Doug Miller	
123	Transwestern Pipeline Company, LLC	pl	Blair V. Lichtenwalter, Mary Draemer, David Mendoza	

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant		Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
	124	UBS Energy LLC	s	Suzanne Calcagno	
	125	Vector Pipeline L.P.	pl	Amy Bruhn	
	126	Virginia Power Energy Marketing, Inc.	s	Paul Pfeffer	
	127	Washington Gas Light Co.	l	Adrian Chapman, Ken Yagelski	
	128	Westfield Gas & Electric Light Dept.	l	Joyce Bodak	
	129	Williams Gas Pipeline	pl	Dale Davis	
	130	Williston Basin Interstate Pipeline	pl	Keith Tiggelaar	
<b>Wholesale Electric</b>	1	ACES Power Marketing LLC	m	Roy J. True	muni
:	2	Alabama Electric Cooperative, Inc.	d	William Ronald Graham	muni
	3	Alberta Electric System Operator	i	Diana Pommen	
	4	Allegheny Energy, Inc.	t	Terri Grabiak	iou
	5	Ameren Services	m	Shawn Schukar	iou
	6	American Electric Power Service Corp.	m	Barbara Radous, Joseph Hartsoe, Phil Cox	iou
	7	American Municipal Power - Ohio, Inc.	d	Mack Thompson, Chris Norton	muni
	8	American Public Power Association	d	Allen Mosher	muni
	9	American Transmission Company LLC	t	Julie Voeck	itc
	10	APS Marketing and Trading	m	Steve Norris	iou
	11	Arizona Public Service Company	t	Mark W. Hackney	iou
	12	Basin Electric Power Cooperative	t	Dan Klempel	muni
	13	Basin Electric Power Cooperative	m	David Raatz	muni
	14	Basin Electric Power Cooperative	g	Jason Doerr	muni
	15	Bonneville Power Administration	d	Sydney D. Berwager	other
	16	Bonneville Power Administration	g	Francis Halpin	fed
	17	Bonneville Power Administration	m	Brenda Anderson	fed
	18	Bonneville Power Administration	t	Barbara Rehman	fed
	19	BP America Inc.	e	Jeanne Zaiontz	lind
	20	British Columbia Transmission Corporation	t	Janet Fraser	fed
	21	California Department of Water Resources	g	William (Bill) Forsythe	fed
	22	California ISO	i	Yakout Mansour	
	23	Central Electric Power Cooperative	d	Arthur Fusco	muni
	24	ChevronTexaco Energy Research and Technology	e	Carol Guthrie	sgen
	25	Cleco Power, LLC	t	Cindy Guillot	iou
	26	Comprehensive Energy Services	e	Jim Templeton	enduse
	27	Conectiv Energy Supply, Inc.	g	Gloria Ogenyi	merc
	28	Consolidated Edison Company of New York, Inc.	t	Scott Butler	iou
	29	Constellation Energy	g	Michael Gildea	merc
	30	Consumers Energy Company	d	Andrew C. Dotterweich, Frank Johnson	iou
	31	Coral Power, LLC	m	Robert Reilley, Paul Kerr	niou
	32	Dairyland Power Cooperative	t	Chuck Callies	muni

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
33	Deseret Power Electric Co-op	g	Curt Winterfeld	muni
34	Dominion Energy Marketing, Inc.	g	Lou Oberski, Jalal Babik	iou
35	Duke Energy Americas, LLC (DEA)	g	Walt Yeager	iou
36	Duke Energy Corp.	d	Alan Pritchard	iou
37	Dynegy Power Marketing, Inc.	g	Barry Huddleston	merc
38	Edison Electric Institute	n	David Owens, Dave Dworzak, James P. Fama	N
39	Edison Mission Marketing & Trading, Inc.	g	William Roberts	merc
40	Electric Power Supply Association	m	Jack Cashin	at large
41	Electric Reliability Council of Texas (ERCOT)	i	Ray Giuliani, Bill Blevins	
42	ElectriCities of North Carolina (North Carolina Eastern Municipal Power Agency)	g	Gregory Locke	muni
43	Empire District Electric Company, The	t	Bary K. Warren	iou
44	Energy East Management Corporation	t	Marjorie Perlman	iou
45	Entegra Power Group, LLC	g	Rebecca Turner	at large
46	Entergy Services, Inc.	t	Edward J. Davis, Narinder Saini	iou
47	Exelon Corporation - PECO Energy	d	John McCawley	iou
48	Exelon Generation - Power Team	m	Jack Crowley	iou
49	ExxonMobil Gas Marketing	e	Mark Schanzer	sgen
50	First Energy Service Company	d	Robert M. Martinko, Thomas C. Burgess	iou
51	FirstEnergy Solutions Corp.	m	Mark Travaglianti	iou
52	Florida Municipal Power Agency	g	Robert C. Williams	muni
53	Florida Municipal Power Agency	d	Steven H. McElhaney	muni
54	Florida Power & Light Company	m	Gerry Yupp, Tim Gerrish	iou
55	Florida Power & Light Company	t	Marty Mennes	iou
56	Georgia Transmission Corporation	t	Patrick McGovern	muni
57	Hydro One Networks	t	Mark Graham	itc
58	Hydro – Quebec Transenergie	t	Victor Bissonnette	fed
59	Idaho Power Company	t	Tessia Park	iou
60	Imperial Irrigation District	m	Kim M. Kiener, Frank M. Barbera	muni
61	Imperial Irrigation District	t	Juan Carlos Sandoval, Javier Esparza	muni
62	Independent Electricity System Operator (IESO)	i	Ron Falsetti, David Short	
63	Indiana Municipal Power Agency	g	Dick Foltz	muni
64	Integrus Energy Services, Inc.	g	William Bourbonnais, Charles W. Severance, Neal Balu	iou
65	ISO New England, Inc.	i	Matthew F. Goldberg	
66	Lincoln Electric System	g	Douglas Bantam	muni
67	Luminant	m	Mike Grim	niou
68	Maryland Peoples Counsel	e	Seva Diakoparaskevas	
69	Michigan Electric Transmission Company LLC	t	Charles V. Waits	itc
70	Michigan Public Power Agency	d	James R. Nickel, Daniel E. Cooper	muni

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
71	MidAmerican Energy Company	m	Norman B. Stratton	iou
72	Midwest Independent Transmission System Operator	i	William (Bill) Phillips, Ed Skiba	
73	Midwest Reliability Organization	t	Shel Berg	at large
74	Missouri River Energy Services	d	Brian Zavesky	muni
75	Modesto Irrigation District	t	Roger Van Hoy	muni
76	National Association of Regulatory Utility Commissioners	e	Lou Ann Westerfield	reg
77	National Grid	t	Edward M. Kremzier	iou
78	National Rural Electric Cooperative Assoc.	d	Barry Lawson	muni/coop
79	Navigant Consulting, Inc.	m	Richard G. Smead	at large
80	New York Independent System Operator (NYISO)	i	Rana Mukerji	
81	New York State Dept. of Public Service	e	William Heinrich	reg
82	New York State Reliability Council	d	P. Donald Raymond	at large
83	North American Electric Reliability Corporation	d	Donald M. Benjamin, Larry Kezele, Tom Vandervort	at large
84	North Carolina Electric Membership Corporation	d	David Beam	muni
85	North Carolina Electric Municipal Power Agency #1	m	Clay A. Norris	muni
86	North Carolina Electric Municipal Power Agency #1	d	Matt Schull	muni
87	Northeast Utilities Service Company	t	David Boguslawski, Calvin A. Bowie	iou
88	Northwestern Corporation	t	Mike Cashell	iou
89	NRG Energy, Inc.	g	Jennifer J. Vosburg, Alan Johnson	niou
90	Oncor	t	Deborah McKeever	iou
91	Ontario Power Generation	g	Colin Anderson, David Barr	merc
92	Open Access Technology International, Inc.	e	Michehl Gent	at large
93	Open Access Technology International, Inc.	t	Paul R. Sorenson	at large
94	Otter Tail Power Company	t	Daryl Hanson, Larry Larson	iou
95	PacifiCorp	m	Edison G. Elizeh, John Apperson	iou
96	PacifiCorp	g	Greg Maxfield	iou
97	PacifiCorp	t	Brian Weber	iou
98	PHI Power Delivery	t	Ken Gates	iou
99	PJM Interconnection	i	Patrick Brown	
100	Portland General Electric	m	John Jamieson	iou
101	Portland General Electric	t	Frank Afranji	iou
102	Powerex Corp	m	Michael L McWilliams, Sharole Tylor	fed
103	PPL Electric Utilities Corporation	t	Ray Mammarella	iou
104	Progress Energy (Regulated)	m	James Eckelkamp	iou
105	Progress Energy	t	Nina M. McLaurin, Phillip W.Lewis	iou
106	PSEG Power LLC	g	Thomas M. Piascik	merc
107	PSEG Energy Resources and Trade LLC	m	James D. Hebson	iou
108	Public Power Council Inc.	d	Nancy Baker	muni
109	Public Service Company of New Mexico	m	Steven Maestas	iou

North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>
110	Public Service Electric and Gas Company	d	Jeffrey C. Mueller	iou
111	Public Service Electric and Gas Company	t	Kenneth D. Brown	iou
112	Puget Sound Energy, Inc.	t	George Marshall, Bob Harshbarger	iou
113	Qualedi, Inc.	g	Stephen A. Morocco	at large
114	Reliant Energy Services	g	Gary A. Hanners	merc
115	Sacramento Municipal Utility District	d	Robert D. Schwermann	muni
116	Sacramento Municipal Utility District	g	TBA	muni
117	Salt River Project Agricultural Improvement and Power District	d	Wendy Weathers, Mark B. Bonsall	other
118	Salt River Project Agricultural Improvement and Power District	t	Steve Cobb	fed
119	Salt River Project Agricultural improvement and Power District	m	Mark S. Mitchell	fed
120	San Diego Gas & Electric Company	t	Patricia vanMidde	iou
121	Santee Cooper	t	Tom Abrams	fed
122	Seattle City Light	d	Marilynn Semro	muni
123	Seminole Electric Cooperative, Inc.	m	Steve Wallace	muni
124	Sierra Pacific Resources	t	Patricia Englin	iou
125	Sierra Pacific Resources	m	Sheryl Torrey	iou
126	South Carolina Electric & Gas Company	t	S. Porcher Stoney	iou
127	South Carolina Electric & Gas Company	m	Kevin Spitzform	iou
128	Southeastern Power Administration	g	Bob Goss	fed
129	Southern California Edison	t	Weston Williams	iou
130	Southern California Edison Co.	g	Tracy Bibb	iou
131	Southern Company Services, Inc.	d	Gary Rozier, Leonard Haynes, Greg Butrus	iou
132	Southern Company Services, Inc.	g	John Ciza	iou
133	Southern Company Services, Inc.	m	Joel Dison	iou
134	Southern Company Services, Inc.	t	R.D. (Dean) Ulch, John Lucas, JT Wood, James Y. Busbin	iou
135	Southwest Power Pool	i	Carl Monroe, Michael Desselle	
136	Southwest Transmission Cooperative, Inc.	t	Larry D. Huff	muni
137	Southwestern Power Administration	t	Tracey Stewart	fed
138	SUEZ Energy Marketing NA, Inc.	m	Ken Lackey, Cesar Seymour	niou
139	Sungard	e	Andrew Tritch	at large
140	Tampa Electric Company	m	Gail M. McKaig	iou
141	Tenaska, Inc.	g	Scott Helyer	merc
142	Tennessee Valley Authority	d	Cindy Herron, Dianne H. Nunez	other
143	Tennessee Valley Authority	g	Kathy York	fed
144	Tennessee Valley Authority	m	Clyde Harmon	fed
145	Tennessee Valley Authority	t	W. Terry Boston	fed
146	TranServ International, Inc.	i	Kevin Burns	

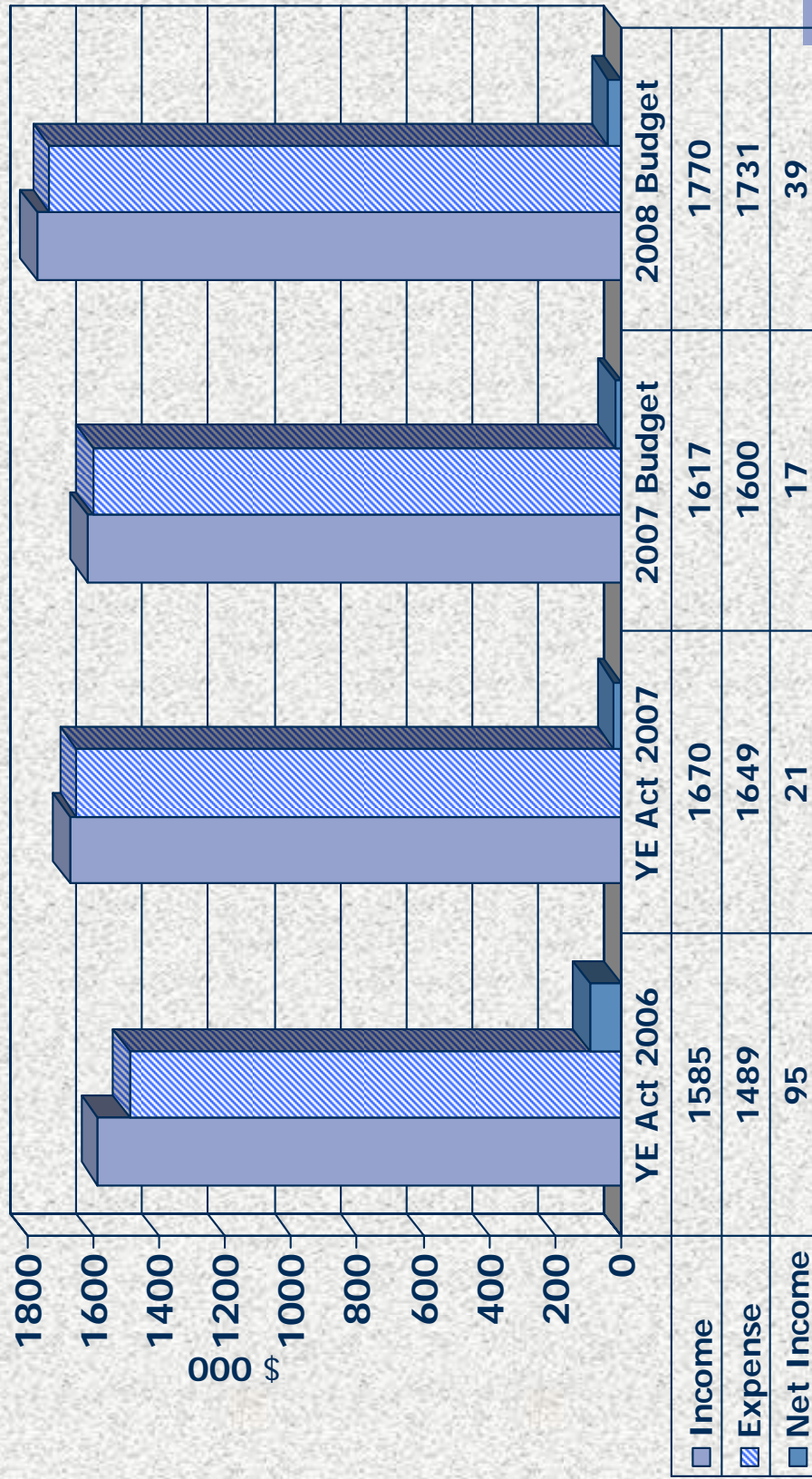


North American Energy Standards Board Membership List  
As of March 15, 2008

Quadrant	Organization	Segment <sup>1</sup>	Contact	Sub-Segment <sup>2</sup>	
	147	Tri-State Generation and Transmission Association, Inc.	t	Keith V. Carman	muni
	148	Tri-State G&T Association, Inc.	g	Lisa Tiffin	muni
	149	Tucson Electric Power Company	t	Raquel Aguilar, Judy Fregoso, Ed Beck	iou
	150	Vermont Public Power Supply Authority	g	William J. Gallagher	muni
	151	Western Area Power Administration	t	Mark Fidrych	fed
	152	Western Area Power Administration	m	Jeffrey Ackerman	fed
	153	Western Electricity Coordinating Council	t	Michael Wells, Louise McCarren	at large
	154	We Energies (Wisconsin Electric)	d	Linda Horn	iou
	155	We Energies (Wisconsin Electric)	g	James R. Keller	iou
	156	Williams Power Company	g	Ron Mucci	at large
	157	Wisconsin Public Power, Inc.	d	Mike Stuart	muni
	158	Xcel Energy Inc.	m	David Lemmons	iou
<b>Retail Gas:</b>	1	AGL Resources Inc.	d	Katrina Bond	
	2	Allegro Development	s	Kimberly Page	
	3	American Public Gas Association (APGA)	d	Alonzo Weaver, Joe Stengel	
	4	Baltimore Gas & Electric Company	d	Phil Precht	
	5	Commerce Energy Group	s	Greg Lander	
	6	Dominion Retail, Inc.	su	Richard A. Zollars	
	7	Duke Energy Corp	d	Dan Jones	
	8	Exelon Energy	su	Sheree M. Petrone	
	9	Indiana Office of Utility Consumer Counselor	e	Matthew Parsell	
	10	Integrus Energy Group, Inc.	d	William Bourbonnais, Ken Thiry, Les Nishida	
	11	International LNG Alliance	s	David Sweet	
	12	Interstate Gas Supply	su	Elizabeth Clothier	
	13	Latitude Technologies	s	Leigh Spangler	
	14	National Fuel Gas Distribution Corporation	d	Mike Novak	
	15	Niagara Mohawk	d	James Dillon	
	16	Northern Indiana Public Service Company (NiSource, Inc.)	d	George Simmons	
	17	Ohio Consumer's Counsel	e	Bruce M. Hayes	
	18	Pennsylvania Office of Consumer Advocate	e	Tanya J. McCloskey	
	19	Sprague Energy Corp.	su	Nicole D. Spaur	
	20	Systrends USA	s	Dave Darnell	
	21	UBS Energy LLC	su	Suzanne Calcagno	
	22	UGI Utilities, Inc.	d	Paul Szykman	
	23	Vectren Retail, LLC	su	Tami Wilson	
	24	Xcel Energy	d	Don Basler	

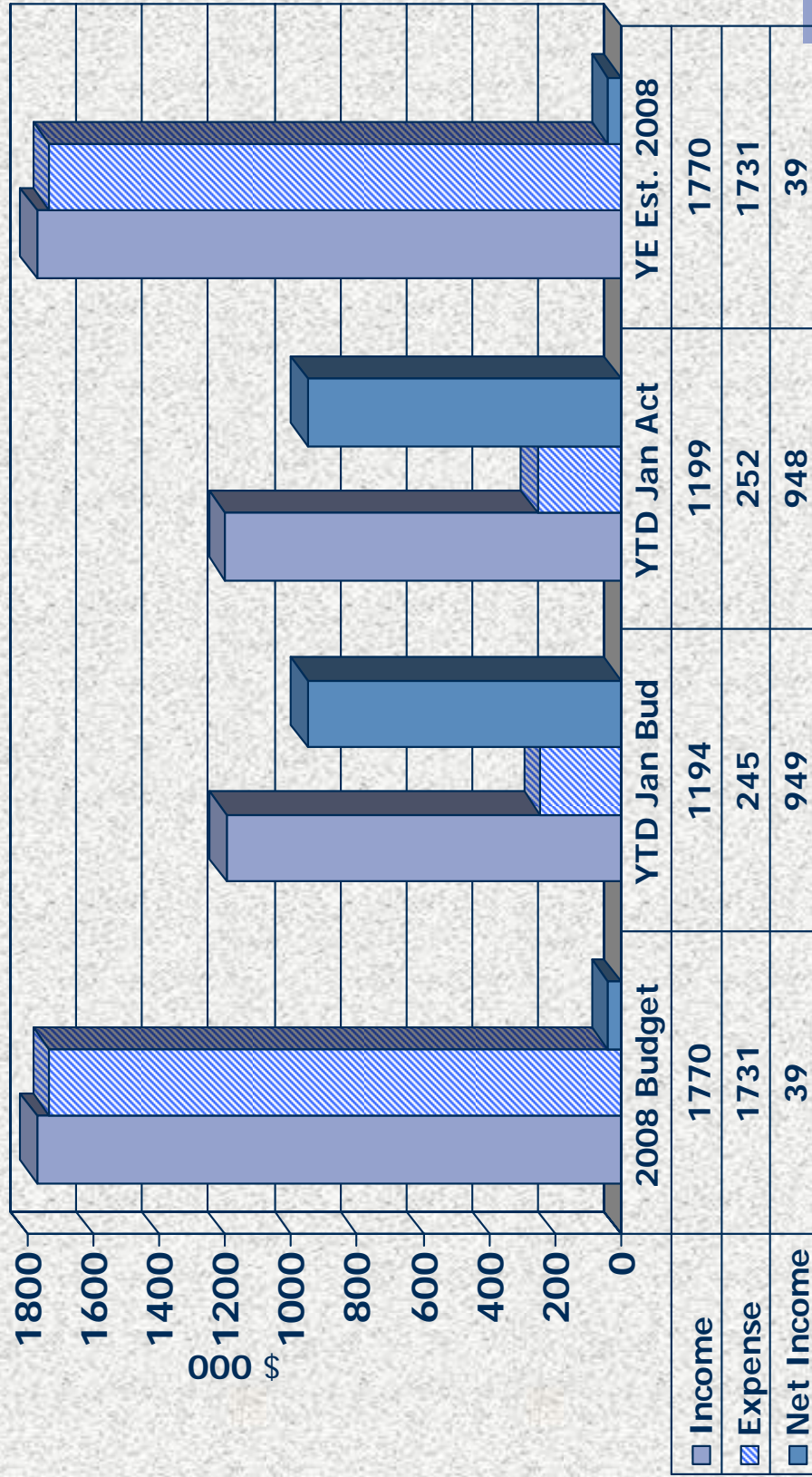
# North American Energy Standards Board Board of Directors Meeting – 3-27-08

2007 Year End Income and Expenses Compared to 2008 Budget and 2006 Year End



# North American Energy Standards Board Board of Directors Meeting – 3-27-08

As of January 2008 Accrual Based Income and Expenses



# North American Energy Standards Board

1301 Fannin, Suite 2350, Houston, Texas 77002  
 Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: [naesb@naesb.org](mailto:naesb@naesb.org)  
 Home Page: [www.naesb.org](http://www.naesb.org)

## FINANCIAL REPORT YEAREND 2007 – ACCRUAL BASED

### BALANCE SHEET

Assets	
Current Assets	\$523,752.21
Accounts Receivable	\$296,500.00
Fixed Assets	\$50,844.53
Other Assets	\$10,277.94
Total Assets	<u>\$881,374.68</u>
Liability & Equity	
Deferred Revenue	\$1,085,625.03
Accounts Payable	\$51,642.91
Retained Earnings	(\$276,538.11)
Net Income	20,644.85
Total Liability and Equity	<u>\$881,374.68</u>

### INCOME AND EXPENSE

Income	\$1,669,988.65
Expense	<u>\$1,649,343.80</u>
Net Income	<u>\$20,644.85</u>

### INCOME AND EXPENSES TO BUDGET - YE

2007 YE Budget for Income	\$1,616,920.00
Income Variance (over budget)	(\$53,068.65)
2007 YE Budget for Expenses	\$1,599,647.00
Expenses Variance (over budget)	(\$49,696.80)
Net Income Variance	\$3,371.85

### YEAR END ANALYSIS

2007 Budget	\$1,616,920.00
Revenue YE	\$1,669,988.65
Expenses YE	\$1,649,343.80
Difference - Revenue - Expenses	\$20,644.85

### CASH BASIS ANALYSIS

Beginning Balance 1-1-07	\$607,142
Total Cash Income	\$1,571,708
Total Costs	\$1,680,526
Ending Balance	\$498,323

### ACCOUNTS RECEIVABLE ANALYSIS

Accounts Receivable as of December 2007	\$296,500.00
Items More than 90 Days Outstanding	\$40,500.00
Items 90 Days Outstanding	\$25,000.00
Items 60 Days Outstanding	\$46,000.00
Items 30 Days or Less Outstanding	\$30,000.00
Items Related to 2008 Membership Dues	\$155,000.00

# North American Energy Standards Board

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## FINANCIAL REPORT YEAR-TO-DATE 2008 – ACCRUAL BASED, AS OF JANUARY 31, 2008

### BALANCE SHEET

Assets	
Current Assets	\$407,740.87
Accounts Receivable	\$292,000.00
Fixed Assets	\$49,519.97
Other Assets	\$10,277.94
Total Assets	\$759,538.78
Liability & Equity	
Deferred Revenue	\$17,125.00
Accounts Payable	\$50,749.38
Retained Earnings	(\$255,893.26)
Net Income	\$947,557.66
Total Liability and Equity	\$759,538.78

### INCOME AND EXPENSE

Income	\$1,199,213.18
Expense	\$251,655.52
Net Income	\$947,557.66

### INCOME AND EXPENSES TO BUDGET - YTD

2008 YTD Budget for Income	\$1,194,050.00
Income Variance (over budget)	(\$5,163.10)
2008 YTD Budget for Expenses	\$244,919.67
Expenses Variance (over budget)	(\$6,735.85)
Net Income Variance	(\$1,572.75)

### YEAR END ANALYSIS

2008 Budget	\$1,769,900.00
Revenue YTD Actual	\$1,199,213.18
Remaining Revenue Estimated through YE	\$570,686.82
Estimated YE Revenue	\$1,769,900.00
Expenses YTD Actual	\$251,655.52
Remaining Expenses Estimated through YE	\$1,479,491.48
Estimated YE Expenses	\$1,731,147.00
Difference - Revenue - Expenses	\$38,753.00

### CASH BASIS ANALYSIS

Beginning Balance 1-1-07	\$498,320
Total Cash Income	\$135,213
Total Costs	\$249,637
Ending Balance	\$383,896

### ACCOUNTS RECEIVABLE ANALYSIS

Accounts Receivable	\$292,000.00
Items mMore than 90 Days Outstanding	\$55,500.00
Items 90 Days or more Outstanding	\$21,000.00
Items 60 Days Outstanding	\$15,000.00
Items 30 Days or less Outstanding	\$200,500.00

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**BOARD OF DIRECTORS MATERIALS**  
**MARCH 27, 2008**

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**TAB 8**

**NAESB EFFORTS WITH GOVERNMENT AGENCIES AND INDUSTRY GROUPS**

This section includes:

- Interactions with FERC, Other Government Agencies and Industry Groups
- 2008 Meeting Schedule

The material presented is background information for the discussion of agenda item 7. No action by the Board is expected. Board members may use this opportunity to give guidance.



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### NAESB REGULATORY AND LIAISON REPORT UPDATE MARCH 15, 2008

#### MEETINGS:

- **February 16, 2008:** NAESB Advisory Council meeting was held in conjunction with the winter NARUC meeting.
- **February 27, 2008** – Rae McQuade and Michael Desselle met with NARUC (Chuck Gray and Grace Soderberg) to summarize progress made on Order 890, Order 698, eTariff and DSM-EE, and review the 2008 annual plans.
- **February 27-28, 2008** – Rae McQuade and Michael Desselle met with FERC Commissioners to summarize progress made on Order 890, Order 698, eTariff and DSM-EE and review the 2008 annual plans.
- **February 28, 2008** – Rae McQuade met with Michael Goldenberg and Susan Pollonais at FERC to summarize progress made on Order 890, Order 698, eTariff and DSM-EE and review the 2008 annual plans.
- **March 20, 2008:** Rae McQuade and Michael Desselle met with David Whitely, David Cook, Gerry Adamski and Andy Rodriquez regarding coordination, Order 890 progress and communications with FERC.
- **Planned, April 21, 2008:** Rae McQuade will moderate a panel at the IRC technical conference on DSM-EE in Washington DC.

#### FERC FILINGS

- No FERC filings have been made by NAESB as of March 15, 2008.

#### FERC FILING SCHEDULE

- NAESB has submitted filings to the FERC to date in 2006-2007 as noted below.

#### Planned in 1<sup>st</sup> Quarter 2008:

- (1) WEQ: Dissolution of the JIC.
- (2) WGQ: Gas Quality (R06008) – will be filed providing additional standards for gas quality reporting, but will also highlight a segment block for two of the proposed standards (RM96 et al).
- (3) WEQ: Minor Correction on WEQ Version 001.

#### DEPARTMENT OF ENERGY & SANDIA NATIONAL LABORATORIES

- **Planned, June 2008:** The Department of Energy released the [Sandia Surety Assessment Report to NAESB](#) for analysis and response. Changes are reflected in the 2007 plans and work is underway to address the issues raised. The WEQ response was completed in the first quarter 2007 and the WGQ response is being processed in May 2008, after which NAESB will respond to the DoE.



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### NAESB REGULATORY AND LIAISON REPORT UPDATE MARCH 15, 2008

#### NATIONAL ASSOCIATIONS OF REGULATORY UTILITY COMMISSIONERS

- Update calls of one hour each month are held to brief commissioners and staff on NAESB activities. The monthly update schedule, agenda, work papers and notes can be accessed from the NAESB web site ([http://www.naesb.org/monthly\\_update.asp](http://www.naesb.org/monthly_update.asp)). These conference calls are open to all interested parties and the materials for the calls can be accessed from the NAESB web site at the above address.
- **Schedule 2008:** Monthly update calls in 2008 are scheduled for January 30, March 5, May 21, July 16, September 10 and December 10.
- **January 30, 2008:** A monthly update call was held to discuss progress made towards NAESB development on DSM-EE, Order 698, Order 890, Gas Contracts, Gas Quality and eTariff.
- **March 5, 2008:** A monthly update call was held to discuss progress made towards NAESB development on DSM-EE, Order 698, Order 890, and eTariff. The Advisory Council meeting was highlighted.





## 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