North American Energy Standards Board

Board of Directors Meeting

December 13, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD

BOARD OF DIRECTORS MATERIALS

DECEMBER 13, 2007

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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

BOARD OF DIRECTORS MATERIALS

DECEMBER 13, 2007

WELCOME AND OPENING REMARKS

- The meeting specifics are:

WHERE:	Wyndham Greenspoint Hotel, 12400 Greenspoint Drive, Houston, Texas 77060 Phone (281) 875-2222	
WHEN:	Dec 12 Wholesale Electric Leadership Meeting (a working lunch will be served at this meeting)	Noon to 3:00 pm C
	Dec 12 Retail Leadership Meeting	3:00 pm to 5:00 pm C
	Dec 13 Resources Committee Meeting	8:30 am to 9:30 am C
	Dec 13 Board Meeting (a buffet lunch will be served during the meeting)	9:30 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
Richard Zelenko	- -Vice Chairman Retail Electric Quadrant
William Bourbonnais	- -Vice Chairman Retail Gas Quadrant
Jim Templeton	-- Past Chairman
Leonard Haynes	-- Past Chairman
Rae McQuade	- President, COO and Secretary
William P. Boswell	- General Counsel

ANTITRUST GUIDELINES

- The following guidelines will be reviewed by counsel at the meeting. The meeting will be monitored, transcribed, and minutes will the 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
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NORTH AMERICAN ENERGY STANDARDS BOARD
2007 BOARD TERMS – Wholesale Gas Quadrant

PRODUCERS SEGMENT		**TERM END:**
Jay Ellzey	Vice President Commercial Operations, Chevron Natural Gas	12-31-2008
William T. Benham	Vice President – Regulatory Affairs, BP Energy Company	12-31-2007
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	12-31-2007
V A C A N C Y		12-31-2008
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	12-31-2007
PIPELINE SEGMENT		
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	12-31-2007
Richard Kruse	Senior Vice President, Spectra Energy Transmission	12-31-2007
LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		
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
Reed Horting	Vice President, Gas Supply & Transportation, PECO Energy Co.	12-31-2008
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	12-31-2007
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	12-31-2007
END USERS SEGMENT		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2007
Jim Templeton	Principal, Comprehensive Energy Services	12-31-2007
SERVICES SEGMENT		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	12-31-2008
V A C A N C Y		12-31-2008
Jim Buccigross	Vice President Energy Industry Practice, Group 8760 LLC	12-31-2007
Bill Hebenstreit	Manager – Contract Administration, Cheniere Marketing, Inc.	12-31-2007
Suzanne Calcagno	Director, Regulatory Compliance, UBS Energy, LLC	12-31-2008

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NORTH AMERICAN ENERGY STANDARDS BOARD
2007 BOARD TERMS – Retail Electric Quadrant

SUPPLIERS SEGMENT		**TERM END:**
Gregory Urbin	Regulatory Affairs Manager, Constellation NewEnergy	12-31-2007
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2008
Richard Zelenko	Vice President, Dominion Retail Inc.	12-31-2008
DISTRIBUTORS SEGMENT		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	12-31-2007
Dennis Derricks	Director Regulatory Policy and Analysis, Integrys Energy Services, Inc.	12-31-2007
Ruth Kiselewich	Director Special Projects and Supplier Services, Baltimore Gas & Electric Company (MAAC NERC Region)	12-31-2008
Debbie McKeever	Market Advocate, Oncor	12-31-2008
END USERS SEGMENT		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	12-31-2007
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Director of Business Services, PPL Solutions LLC	12-31-2007
V A C A N C Y		12-31-2007
J Cade Burks	President, EC Power	12-31-2008
V A C A N C Y		12-31-2008

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2007 BOARD TERMS – Wholesale Electric Quadrant

TRANSMISSION SEGMENT		**TERM END:**	**SUBSEGMENT:**
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	12-31-2007	Muni/Coop
W Terry Boston	Executive Vice President – Transmission/Power Supply Group, Tennessee Valley Authority	12-31-2008	Fed/State/Prov.
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	12-31-2008	IOU
V A C A N C Y		12-31-2007	IOU
V A C A N C Y		12-31-2008	ITC
Terri Grabiak	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc.	12-31-2007	at large
V A C A N C Y	FRCC Representative, Florida Reliability Coordinating Council	12-31-2007	At-Large
GENERATION SEGMENT			
Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	12-31-2007	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.	12-31-2007	IOU
Michael Gildea	Director of Compliance, Constellation Energy	12-31-2007	Merchant
Gloria Ogenyi	Vice President Energy Policy, Conectiv Energy Supply, Inc.	12-31-2008	Merchant
Ron Mucci	Manager - Regulatory Affairs, Williams Power Company	12-31-2007	At-Large
MARKETERS/BROKERS SEGMENT			
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	12-31-2007	Fed/State/Prov.
Michael Grim	Director of Markets and Regulation, Luminant	12-31-2008	Not IOU Affiliated
Jim Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	12-31-2007	at large
Mark Klein	Vice President – Energy Supply and Marketing, Public Service Company of New Mexico	12-31-2008	IOU
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	12-31-2007	IOU
Rick Smead	Director, Navigant Consulting, Inc.	12-31-2007	At-Large

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DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT		TERM END:	SUBSEGMENT:
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	12-31-2007	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	12-31-2007	IOU
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	12-31-2007	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	12-31-2007	At-Large
END USERS SEGMENT			
V A C A N C Y		12-31-2007	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)
James T. Gallagher	Director, Office of Electricity & Environment, New York State Department of Public Service	12-31-2008	Regulator
V A C A N C Y		12-31-2007	Residential/Commercial
V A C A N C Y		12-31-2008	Large Industrial
V A C A N C Y		12-31-2007	Large Industrial
Michehl Gent	Open Access Technology International, Inc.	12-31-2007	At-Large
INDEPENDENT GRID OPERATORS/PLANNERS			
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	12-31-2007	
William Phillips	Vice President Interregional Coordination & Policy, Midwest ISO (MISO)	12-31-2007	
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)	12-31-2007	

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 subsegments are controlled through the WEQ Procedures.

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NORTH AMERICAN ENERGY STANDARDS BOARD
2007 BOARD TERMS – Retail Gas Quadrant

SUPPLIERS SEGMENT		**TERM END:**
Kathy Fudali	Manager, Contract Administration, Sprague Energy Corp.	12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2007
DISTRIBUTORS SEGMENT		
Craig White	Chief Operating Officer, Philadelphia Gas Works	12-31-2008
William Bourbonnais	Vice President – Transmission, Wisconsin Public Service Corporation	12-31-2007
V A C A N C Y		12-31-2008
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.	12-31-2007
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2008
END USERS SEGMENT		
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2007
SERVICE PROVIDERS SEGMENT		
Leigh Spangler	President, Latitude Technologies Inc.	12-31-2008
V A C A N C Y		12-31-2008
Dave Darnell	President & CEO, Systrends USA	12-31-2007
Greg Lander	Principal, Commerce Energy Group	12-31-2007
V A C A N C Y		12-31-2007
V A C A N C Y		12-31-2008

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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November 28, 2007

TO: NAESB Board of Directors, Invited Guests, Speakers

FROM: Rae McQuade, NAESB President and COO

RE: Meeting Announcement for the NAESB Board Meeting – December 13, 2007

Dear Board Members, Speakers and Invited Guests:

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

WHERE:		Wyndham Greenspoint Hotel, 12400 Greenspoint Drive, Houston, Texas 77060 Phone (281) 875-2222	
WHEN:	Dec 12	Wholesale Electric Leadership Meeting (a working lunch will be served at this meeting)	Noon to 3:00 pm C
	Dec 12	Retail Leadership Meeting	3:00 pm to 5:00 pm C
	Dec 12	Board Reception and Dinner	6:00 pm reception 7:00 pm dinner seating
	Dec 13	Resources Committee Meeting	8:30 am to 9:30 am C
	Dec 13	Board Meeting (a buffet lunch will be served during the meeting)	9:30 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 (43rd 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 Wyndham Greenspoint Hotel, we will have transportation to take you to the reception and then back to the hotel after dinner.

We are very fortunate to have a dinner speaker, Dr. Stanislaw, who many of you may already know. Dr. Stansilaw Joseph A. Stanislaw is founder of the advisory firm The JAStanislaw Group, LLC, is also an Independent Senior Advisor to Deloitte & Touche Energy & Resources practice, and was one of three founders of Cambridge Energy Research Associates in 1983 and served as managing director for all non-U.S. activity until 1997, when he was named president and chief executive officer. A bio is provided following the agenda.

Prior to the Board meeting on Thursday, from 8:30 am to 9:30 am, the Resources Committee will meet at the Wyndham Greenspoint 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 agendas and materials will also be posted on the NAESB web site at the following address: http://www.naesb.org/weq/weq_bod.asp for the Board meeting, and 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
Wyndham Greenspoint Hotel, Houston, Texas
Thursday, December 13 – 9:30 a.m. to 1:00 pm Central
DRAFT AGENDA

8:30 a.m. Resources Committee Meeting

9:00 a.m. Continental Breakfast

9:30 a.m.

1. Administration and Welcome
   a) Antitrust Guidelines
   b) Introduction of Board Members and Guests
   c) Agenda Adoption
   d) Adoption of Draft Minutes – September 27, 2007

2. Reports from board committees
   a) Resources Committee
   b) Retail Structure Review Committee

3. Updates on specific efforts:
   a) WEQ and WGQ: eTariff Progress
   b) WEQ: Order 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress
   c) WEQ: Transmission Loading Relief progress
   d) WGQ: Order 698 approach, schedule and progress
   e) WEQ and Retail: DSM/EE efforts
   f) WEQ and Retail: Publication Schedule

4. Copyright Update

5. Executive Committee Reports
   a) Executive Committee Report from each Quadrant
   b) Standards Adopted Since the September 27 Board Meeting
   c) Adoption of 2007 Annual Plans
   d) Review and Adoption of 2008 Annual Plans

6. Financial Report
   a) Financial Report for 2007 YTD
   b) Review and Adoption of 2008 Budget

7. Plan for March 2008 Board Meeting

8. Old and New Business
   a) Liaisons with external groups
      - FERC
      - NARUC
   b) Meeting Schedule for 2008

1:00 p.m. Adjourn

Attire – Business Casual
Working buffet lunch will be provided.

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Joseph A. Stanislaw

Joseph A. Stanislaw is founder of the advisory firm The JAStanislaw Group, LLC, specializing in strategic thinking, sustainability, and environmentally sound investment in energy and technology. He is also an Independent Senior Advisor to Deloitte & Touche Energy & Resources practice – a role which includes assisting the firm and its clients in identifying and developing services and strategies in the areas of clean and emerging technologies, sustainable development, climate change, carbon initiatives and innovation. Dr. Stanislaw was one of three founders of Cambridge Energy Research Associates in 1983 and served as managing director for all non-U.S. activity until 1997, when he was named president and chief executive officer.

Dr. Stanislaw is an adjunct professor in the Nicholas School of the Environment and Earth Sciences at Duke University, where he is a Member of the Board of Advisors for the Nicholas Institute for Environmental Policy Solutions. He serves on the Boards of several corporations which share a specific interest in sustainable and carbon neutral development, climate change, and renewable and alternative clean energy technologies.

Dr. Stanislaw was a Research Fellow of Clare Hall and lecturer in Economics at Cambridge University, where he was also a member of the Energy Research Group in the University's Cavendish Laboratory. He was a senior economist at the Organization of Economic Cooperation and Development's International Energy Agency in Paris. Mr. Stanislaw is the co-author, with Daniel Yergin, of *The Commanding Heights: The Battle for the World Economy*. Now in the second edition, the book has been translated into 13 languages and made into a 6-hour documentary on PBS. He is also the author or co-author of numerous reports and published papers on the geopolitics and economics of future energy supply and demand.

Dr. Stanislaw received a B.A., *cum laude*, from Harvard College, a Ph.D. in Economics from the University of Edinburgh, and was awarded an M.A. from the University of Cambridge where he was elected a Research Fellow of Clare Hall. He is one of only several people to have been awarded an Honorary Doctorate and Professorship from Gubkin Russian State University of Oil and Gas in Moscow.

TAB 3

DRAFT MINUTES – SEPTEMBER 27, 2007

This section includes:

- The draft minutes for the Board meeting on September 27, 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.

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October 31, 2007

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 – September 27, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD
NAESB BOARD OF DIRECTORS MEETING
September 27, 2007 – Wyndham Greenspoint Hotel - Houston, TX
Draft Minutes

1. Administration and Welcome

Mr. Desselle opened the meeting the meeting and welcomed the Board members and guests in the room and on the phone. Mr. Boswell read the antitrust guidelines. Ms. Kennedy called the roll of the Board member roster and quorum was established.

The Board members reviewed the agenda, included behind Tab 2, page 15 of the Board book. Mr. Lucas moved, seconded by Mr. Ellsworth, to adopt the agenda. The motion passed without objection.

The Board members reviewed the minutes from the June 28, 2007 meeting. The minutes were included behind Tab 3, beginning on page 17 of the Board book. Mr. Chapman moved, seconded by Mr. Oberski, to adopt the minutes as drafted. The motion passed without objection. The final minutes are posted on the NAESB website: http://www.naesb.org/pdf2/bd062807fm.doc.

2. Reports from Board Committees

Resources Committee: Mr. Brown, chair of the Resources Committee provided an update for the Board. The Resources Committee report was included behind Tab 4 of the Board book. He stated that the work of the Resources Committee has resulted in a net of thirty-four new members. He noted that the NAESB Bulletin – the new newsletter created by Ms. Rager and Ms. McQuade will provide a useful tool in NAESB membership recruitment. He stated that the Resources Committee met prior to the Board meeting and the members have taken action items to contact wind generators and participants of the Demand Side Management and Energy Efficiency Subcommittee who are not currently NAESB members. He added that the industry trade associations have also been helpful in getting information to potential members.

3. Updates on specific standards development efforts

Next, the Board reviewed the specific standards development efforts underway at NAESB.

Wholesale Electric Quadrant: Order 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress: The Order 890 materials were included behind Tab 5, beginning on page 58 of the Board book. Ms. York, chair of the WEQ Executive Committee, and co-chair of the WEQ Business Practices Subcommittee, provided the update for the Board. Ms. York stated that the subcommittees working on Order 890 have held 18 meetings since the last Board meeting. She stated that the subcommittee leadership met via conference call with FERC staff on August 23 to provide an informal status report on the progress of the Order 890 business practice standards development. The NERC ATC Drafting Team and NERC staff has stated that it plans to request an extension in NERC's Order 890 deadlines via a filing with the FERC. The NAESB subcommittee have identified ten areas on the Order 890 Work Plan where the NAESB business practice standards development will depend on the language of the NERC reliability standards. Five areas have been identified on the Order 890 Work Plan where NAESB should be able to move forward without dependence on the NERC reliability standards to address Order 890. The NAESB subcommittees plan to move forward with those five items with the deadline FERC set in Order

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890. For the NERC dependent items, once NERC formally requests an extension in the Order 890 deadlines with the FERC, NAESB will evaluate NERC's revised plan and submit a follow-up revised plan to the FERC.

For the Order 890 items that do not relate to ATC that the NAESB ESS/ITS is working on, the Group 0 items were ratified on July 23, 2007. The Group 1 items are scheduled to be adopted by the WEQ Executive Committee during the November 6, 2007 meeting. The ESS/ITS has begun working on Groups 2 and 3 identified in the Order 890 Work Plan. Ms. York stated that members of the IGO segment have been participating in both groups at NAESB that are developing business practice standards for Order 890 and their expertise has been helpful in those efforts. Ms. McQuade stated that NAESB staff and the subcommittee leadership has met several times via conference call with FERC staff to let them know where the groups are in light of deadlines. She added that if Ms. York sees that the NAESB subcommittees' deadlines might slip, that it is important that NAESB let FERC staff know as soon as possible if there is going to be some level of delay.

TLR Status Report: Next, Ms. York provided an update on the development of the NERC TLR Reliability Standards. The TLR Status Report can be found behind Tab 5, beginning on page 114 of the Board book. Ms. York stated that the split TLR Reliability Standards have been adopted by the NERC membership. NAESB plans to include the NAESB TLR Business Practice Standards to complement the NERC Reliability Standards for TLR in the Version 1 publication and FERC status report. She stated that she and Mr. Busbin continue to work with members of the NERC TLR Drafting Team to complete the Joint System Operations Reference Manual for TLR. Ms. York noted that the NAESB Business Practices Subcommittee plans to meet via conference call to draft a minor correction to correct references to the NERC TLR standards so that the correct version is referenced in the NAESB TLR business practices.

Wholesale Gas Quadrant: Order 698 approach, schedule and progress: Ms. Crockett, Board Member and co-chair of the WGQ Business Practices Subcommittee, provided the report on the work of the WGQ to address Order 698. The Order 698 materials can be found behind Tab 5, beginning on page 120 of the Board book. Ms. Crockett stated that the Board revised the WGQ 2007 Annual Plan during the June Board meeting. The WGQ Executive Committee met on August 3, 2007 to assign the work for Order 698 to the WGQ Business Practices Subcommittee and to set a schedule for the WGQ BPS meetings for the rest of 2007. The Order 698 meetings are scheduled such that each of the three items are given a specified time on the agenda. Pages 123-124 of the Board book includes the work product developed to date – scoping documents for each of the three items. Ms. Crockett stated that while at this time there is no timeline for the completion of the standards to address Order 698, progress is being made at each meeting.

Wholesale Electric Quadrant and Retail Quadrants: Demand Side Management/Energy Efficiency Efforts: Mr. True, Board Member and co-chair of the DSM/EE Subcommittee stated that the DSM/EE Subcommittee has met four times since the kickoff meeting in April. The material for the DSM/EE efforts can be found behind Tab 5, beginning on page 125 of the Board book. He stated that the ISOs and RTOs have outlined the types of demand response and measurements they have in place today. The subcommittee is in the process of drafting a matrix that includes the ISO and RTO reports. The subcommittee is also working on a second matrix to address demand response measurement and verification for markets that are not members of an ISO or RTO. The subcommittee also revised its action item list to include an industry-wide survey.

Mr. Koogler, Board Member and co-chair of the DSM/EE Subcommittee stated that the DSM/EE Subcommittee met on September 25, 2007 hosted by ERCOT in Austin, Texas. He stated that for the retail industry, the subcommittee agreed to focus initial efforts on demand response and measurement and verification. During the review of the ISO and RTO demand response measurements it was determined that there is currently no real differences between the wholesale and retail industries in this area. Mr. Koogler stated that when trying to standardize how to verify customer reduction, the methodology should be consistent. The retail industry participants are also working on a matrix similar to the matrices for the wholesale industry. Mr. Koogler added that NARUC has contacted NAESB and extended an invitation for NAESB representatives to speak at the staff subcommittee on electricity during the November NARUC meeting in California.

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Mr. Haynes stated he did not want the DSM/EE Subcommittee to lose sight of the need to develop standards for energy efficiency measurement and verification. He added that he did not want to be behind when a national renewable portfolio standard or energy efficiency standard was adopted. Mr. Brown stated that the energy efficiency aspect of this effort will provide a way to get the vendor community involved. He asked if vendors were participating in the DSM/EE Subcommittee. Mr. Koogler stated that the vendors are following the effort. Mr. True noted that the next meeting of the DSM/EE Subcommittee is scheduled on November 30 hosted by Dominion in Richmond, Virginia.

Publication Schedules for WEQ and Retail: The information on the publication schedules can be found behind Tab 5, beginning on page 151 of the Board book. Ms. McQuade stated that the Version 1 of the WEQ standards are scheduled to be published as soon as the TLR issues are settled. The Final Actions listed on page 151 and any minor corrections to those Final Actions will be included in Version 1. Soon after Version 1 is issued, it will be filed in the form of a status report with the FERC.

Version 1.1 of the Retail Model Business Practices was originally scheduled to be published in 4th Quarter 2007. Ms. McQuade stated that date has been moved to 1st Quarter 2008 in order to include the model business practices to address customer initiation, drop, and switching using a registration agent, such as in ERCOT; and to include the updates to the EDM standards needed based on the Sandia National Labs audit of all of the NAESB standards.

e-Tariff Subcommittee: Mr. Sappenfield, Board member and co-chair of the e-Tariff Subcommittee, provided the update on the work of the e-Tariff Subcommittee. The e-Tariff Subcommittee last met on August 20, 2007. Since that time, the e-Tariff Technical Task Force has met twice to begin drafting the xml schema and technical aspects of the e-Tariff standards. The next meeting of the e-Tariff Subcommittee is scheduled October 11-12, 2007 at NAESB's offices in Houston, Texas. The agenda for this meeting will include issues that the e-Tariff Technical Task Force needs address before they can move forward with the technical development. FERC staff has been active in both the e-Tariff Subcommittee and e-Tariff Technical Task Force, with at least two to three staff members in attendance at meetings. At this time, the e-Tariff Subcommittee expects to be completed with its work by the end of the year 2007 with the Executive Committees scheduled to vote on the recommendations during their February 2008.

4. Executive Committee Reports

WGQ Executive Committee: The WGQ 2007 Annual Plan approved by the Board of Directors is included behind Tab 6, beginning on page 155 of the Board book. Mr. Sappenfield stated that Item 5 is now complete. A new item should be added to include the request to update the ISDA Gas Annex due to the update to the Base Contract. This item as added as Item 6A to the Annual Plan. Items 7(a), (b), and (c) were modified to reflect that they were assigned to the WGQ Business Practices Subcommittee with a 2008 Completion date. Mr. Spangler stated that Item 4 should be changed to Complete.

Retail Executive Committees: Mr. Novak stated that the Retail Executive Committees have not met since May. Mr. Novak suggested that the Board not make any changes to the Annual Plan until the Retail Executive Committees have a chance to review the plan during the November meeting.

WEQ Executive Committee: Ms. York reviewed the WEQ 2007 Annual Plan. In addition to the proposed changes submitted by the WEQ Executive Committee: the name of the TLR Manual in Item 1(f) was changed to System Operators Reference Manual for TLR; the Completion dates of all of Item 2(b), except 2(b)(ii), were changed to 4th Quarter 2007. Ms. Crockett moved, seconded by Mr. Sappenfield, to adopt the revisions to the Annual Plans as discussed. The motion passed without objection. The revised Annual Plans are posted as attachment to the minutes: WEQ 2007 Annual Plan as approved by the Board 9/27/07, WGQ 2007 Annual Plan as amended and approved by the Board 9/27/07, Retail 2007 Annual Plan as approved by the Board 9/27/07.

Creation of 2008 Annual Plans: The process to be used for the creation of the 2008 Annual Plans was included on page 179 of the Board book. A request for comments and submissions for the 2008 Annual Plans will be distributed to all members and industry trade organizations.

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5. Standards Development Activities and NAESB efforts with Government Agencies and Industry Groups

Copyright Report: Ms. McQuade stated that the Copyright Report, included behind Tab 7, beginning on page 185 of the Board book, is maintained by the NAESB on a monthly basis. The Copyright Report is accessible on the NAESB website.

Interactions with FERC, other Government Agencies and Industry Groups: A Report of Activities with FERC and other groups was included behind Tab 7 beginning on page 229 of the Board book. Ms. McQuade stated that NAESB staff and subcommittee chairs meet via conference call with FERC staff on a regular basis. Ms. McQuade met with the FERC Chairman and Commissioners in June and July to discuss Order 890, Order 698, e-Tariff activities, Gas Quality, and DSM/EE. Ms. Pollonais is the FERC staff member assigned to NAESB for Order 890.

Since the last Board meeting, NAESB filed the WGQ Version 1.8 standards with the FERC.

The Sandia audit provided the need to discuss revisions to the WGQ and Retail standards. The WEQ standards for Public Key Infrastructure have already been modified based on the Sandia audit. NAESB also continues to work with NARUC, especially regarding the DSM/EE Subcommittee work. In addition, NAESB has a close working relationship with NERC.

6. Membership and Financial Reports

Ms. McQuade reviewed the corrected Membership Report provided as supplemental material to the Board materials and posted on the NAESB website: http://www.naesb.org/pdf3/bd092707_tab8.pdf. There has been an increase of twenty-three members since the end of 2006. There has been an increase in membership in all four quadrants. If the WEQ members approve the change in the Quadrant Procedures to allow for an individual to sit on the Board and Executive Committee simultaneously, it will likely result in additional memberships in the WEQ as well.

Ms. Wishart provided the financial report. The Financial Report was included as supplemental material to the Board materials and posted on the NAESB website: http://www.naesb.org/pdf3/bd092707_tab8.pdf. Ms. Wishart stated that the expenses to date in 2007 are in line with the budgeted amount for the year. It is the expectation that there will be a 45,000 net income by the end of 2007.

7. Plan for Upcoming December 13 Board Meeting in Houston

The agenda for the December 13 Board meeting will include approval of the 2008 Annual Plans for each quadrant; approval of the 2008 budget, an update on the publication schedule, an update on e-Tariff activities, Order 890 activities, Order 698 activities. The meeting is scheduled to take place in Houston, Texas at the Wyndham Greenspoint Hotel.

8. Old and New Business

No New Business was discussed.

9. Adjourn

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

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10. Board Attendance (Vacancies Omitted)

WHOLESALE GAS QUADRANT BOARD MEMBERS

PRODUCERS SEGMENT		ATTENDANCE
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.	In Person
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	Phone
PIPELINE SEGMENT		
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	Absent
Anne Bomar	Vice President, Dominion	Phone
Richard Kruse	Senior Vice President, Spectra Energy Transmission	Phone
LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		
Clifton Olson	Vice President of Supply and Transmission, Energy East Corporation	Phone
Adrian Chapman	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	In Person
Reed Horting	Vice President, Gas Supply & Transportation, PECO Energy Co.	Absent
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	Phone
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	Absent
END USERS SEGMENT		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	In Person
Diane McVicker	Senior Principal Fuel Analyst, Salt River Project	In Person
Jim Templeton	Principal, Comprehensive Energy Services	In Person
SERVICES SEGMENT		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	In Person
Jim Buccigross	Vice President Energy Industry Practice, Group 8760 LLC	Phone
Bill Hebenstreit	Manager – Contract Administration, Cheniere Marketing, Inc.	In Person
Suzanne Calcagno	Director, Regulatory Compliance, UBS Energy, LLC	Absent

RETAIL ELECTRIC QUADRANT BOARD MEMBERS

SUPPLIERS SEGMENT		ATTENDANCE
Gregory Urbin	Regulatory Affairs Manager, Constellation NewEnergy	Absent
Richard Zelenko	Vice President, Dominion Retail Inc.	Absent
DISTRIBUTORS SEGMENT		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	In Person
Dennis Derricks	Director Regulatory Policy and Analysis, Integrys Energy Services, Inc.	Phone
Ruth Kiselewich	Director Special Projects and Supplier Services, Baltimore Gas & Electric Company (MAAC NERC Region)	Absent

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Debbie McKeever	Market Advocate, Oncor	In Person
END USERS SEGMENT		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	Absent
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Director of Business Services, PPL Solutions LLC	
J Cade Burks	President, EC Power	In Person

WHOLESALE ELECTRIC QUADRANT MEMBERS

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.	Phone
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.	Absent
Lou Oberski	Director – Electric Market Policy, Dominion Resource Services, Inc.	IOU	In Person
Charles W. Severance	Manager – Supply & Wholesale Services, Integrys Energy Services, Inc.	IOU	Phone
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	In Person
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
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 Power Team	IOU	In Person
Rick Smead	Director, Navigant Consulting, Inc.	At-Large	Absent
DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT		**SUBSEGMENT:**	
Arthur G. Fusco	Vice President and General Counsel, Central Electric Power Cooperative Inc.	Muni/Coop	In Person
Barry R. Lawson	Manager-Power Delivery, National Rural Electric Cooperative Association	Muni/Coop	Absent
Leonard Haynes	Executive Vice President – Supply Technologies, Renewables and	IOU	In Person

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	Demand, Southern Company		
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	IOU	Absent
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	at large	In Person
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	at large	Phone
Bruce Ellsworth	New York State Reliability Council	At-Large	In Person
END USERS SEGMENT			
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
INDEPENDENT GRID OPERATORS/PLANNERS			
Michael Desselle	Vice President Process Integrity, Southwest Power Pool		In Person
Ray Giuliani	Vice President Market Operations, Electric Reliability Council of Texas (ERCOT)		In Person
Kevin Kirby	Vice President Market Operations, ISO New England, Inc.		In Person
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)		In Person
Andy Ott	Vice President Markets, PJM Interconnection		Absent
William Phillips	Vice President Interregional Coordination & Policy, Midwest ISO (MISO)		In Person
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)		In Person

RETAIL ELECTRIC QUADRANT BOARD MEMBERS

SUPPLIERS SEGMENT		**ATTENDANCE**
Kathy Fudali	Manager, Contract Administration, Sprague Energy Corp.	Absent
DISTRIBUTORS SEGMENT		
Craig White	Chief Operating Officer, Philadelphia Gas Works	Absent
William Bourbonnais	Vice President – Transmission, Integrys Energy Groups, Inc.	Absent
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.	Absent
END USERS SEGMENT		
SERVICE PROVIDERS SEGMENT		
Leigh Spangler	President, Latitude Technologies Inc.	In Person
Dave Darnell	President & CEO, Systrends USA	Phone
Greg Lander	Principal, Commerce Energy Group	

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10. Other Attendance

Name	Organization	Attendance
Gerry Adamski	NERC	In Person
Jonathan Booe	NAESB	In Person
Bill Boswell	NAESB	In Person
Kathryn Burch	Spectra Energy Transmission	In Person
Christopher Burden	Williams Gas Pipeline	In Person
Jack Cashin	EPSA	In Person
LaRita Cormier	Riverside Reporting	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
Amy Hamilton	PECO Energy	Phone
David Huffman	NAESB	In Person
Laura Kennedy	NAESB	In Person
Iris King	Dominion Transmission, Inc.	In Person
Ed Overtree	NAESB	In Person
Rae McQuade	NAESB	In Person
Susan Munson	ERCOT	In Person
Marjorie Perlman	Energy East	Phone
Kelly Rae	Riverside Reporting	In Person
Denise Rager	NAESB	In Person
Rod Sipe	Quorum Business Solutions	In Person
Ed Skiba	Midwest ISO	In Person
Veronica Thomason	NAESB	In Person
Kim Van Pelt	Panhandle Eastern Pipe Line	In Person
Darla Wishart	NAESB	In Person
Charles Yeung	Southwest Power Pool	In Person
Kathy York	Tennessee Valley Authority	In Person
Randy Young	Gulf South Pipeline	In Person

TAB 4

BOARD COMMITTEE UPDATES

This section includes:

- Resources Analysis – as background for the discussion for the Resources Committee)
- Retail Structure Review Report

- 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.

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TO:	NAESB Board Resources Committee Members
FROM:	Jonathan Booe, NAESB Meeting and Project Managers, and Denise Rager, Membership Administrator, NAESB
RE:	**Draft Agenda for Board Resources Committee Meeting – Houston, TX, December 13, 2007**
DATE:	December 7, 2007

Dear Resources Committee Members,
A meeting of the Resources Committee is scheduled for December 13, 2007 from 8:30 a.m. Central time to 9:30 a.m. Central time at the Wyndham Greenspoint Hotel, 12400 Greenspoint Drive, Houston, TX 77060. The agenda is attached and the call-in information for the meeting is:
Conference calling number: 866-740-1260
Access Code: 3560062
Security Code: Please contact the NAESB office

Draft Agenda

1. Welcome & Administrative Items
   - Antitrust guidelines, roll call and adoption of draft agenda
2. Status towards goal of 30 net new members
   New members, 109; Home page access, 6; Resignations, 78; Progress = **Net 31**
   - New members since last meeting [1]:

Coral Energy Resources, LP (WGQ, Services)
Coral Power, LLC (WEQ, Marketer)
Lincoln Electric System (WEQ, Generation)
Duke Energy Corp. (REQ, Distributor)
Electric Power Supply Association (WEQ, Marketer)
First Energy Service Company (WEQ, Distributor)
Lehman Brothers Commodity Services, Inc. (WGQ, Services)
Midwest Reliability Organization (WEQ, Transmission)
Salt River Project Agricultural Improvement & Power District (WEQ, Marketer)
Alberta Electric System Operator (WEQ, Independent Grid Operators/Planners)
Allegro Development (RGQ, Services)
ANR Pipeline Company (WGQ, Pipeline)
APS Marketing and Trading (WEQ, Marketer/Broker)
California ISO (WEQ, Independent Grid Operators/Planners)
Colorado Springs Utilities (WGQ, LDC)
DB Energy Trading (WGQ, Services)
Houston Pipe Line Company, LP (WGQ, Pipeline)
Independent Electricity System Operator (WEQ, Independent Grid Operators/Planners)
ISO New England, Inc. (WEQ, Independent Grid Operators/Planners)
ista North America (REQ, Services)
National Grid (WEQ, Transmission)
New York Independent System Operator, Inc. (WEQ, Independent Grid Operators/Planners)
Nexen Marketing (WGQ, Services)
Northern Border Pipeline Company (WGQ, Pipeline)
Northwestern Corporation (WEQ, Transmission)
NRG Energy, Inc. (WEQ, Marketer/Broker)
Ozark Gas Transmission, LOC (WGQ, Pipeline)
Peoples Gas Systems (A division of Tampa Electric Co) (WGQ, LDC)
PJM Interconnection (WEQ, Independent Grid Operators/Planners)
Portland General Electric (WEQ, Transmission)
Public Service Company of New Mexico (WEQ, Marketer/Broker)
Reliance Gas Transportation Infrastructure Limited (WGQ, Pipeline)
Seattle City Light (WEQ, Distribution)
Sierra Pacific Resources (WEQ, Marketer/Broker)
SolArc, Inc. (WGQ, Services)
SUEZ Energy Marketing NA, Inc. (WGQ, End User)
SunGard (WEQ, End User)
Tampa Electric (WEQ, Marketer/Broker)
TranServ International, Inc. (WEQ, Independent Grid Operators/Planners)
Transwestern Pipeline Company (WGQ, Pipeline)
Tri-State G&T Association, Inc. (WEQ, Generation)
Tucson Electric Power Companyt (WEQ, Transmission)
Virginia Power Energy Marketing, Inc. (WGQ, Services)

   - Subscriptions to Home Page Access since last call [0].

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- Resignations since last meeting [4]:

American Electric Power Service (WEQ, Transmission)
American Electric Power Service Corporation (WGQ, Services)
American Public Gas Association (WGQ, LDC)
Aquila, Inc. (WEQ, Generator)
Arizona Public Service Company (WGQ, End User)
Bridgeline Gas Marketing (WGQ, Pipeline)
Burlington Resources (WGQ, Producer)
Electricity Consumers Resource Council (WEQ, End User)
Integrys Energy Services, Inc. (WGQ, LDC)
National Grid USA (WEQ, Transmission)
Platte River Power Authority (WEQ, Transmission)
Peoples Gas System (RGQ, Distribution)
Texas Gas Transmission, LLC (WGQ, Pipeline)
Trans-Elect, Inc. (WEQ, Transmission)
Trinity Apex Solutions, Inc.
UBS Energy, LOC (WEQ, Marketer)

- Results of exit interviews

3. Update on DSM/End-Entity Activities with possible membership activities
4. Update on effort to address potential memberships in correlation with company budget cycles
5. Other Business/Next Steps
6. Adjourn

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December 7, 2007

TO: NAESB Resources committee

FROM: Rae McQuade, NAESB President and COO

RE: Membership Analysis, Vacancies on the Board and EC, Membership Prospects – Revised 12/07/07

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 and 2007
(4) Member Resignations in 2006 and 2007
(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	ackerman@wapa.gov
RGQ	Bill Bourbonnais, WPS Resources Corporation	920-433-1573	wbourbo@wpsr.com
WEQ	Scott Brown, Exelon Corporation	202-347-8096	scott.brown@exeloncorp.com
WEQ	Michael Desselle, Southwest Power Pool	501-614-3206	mddesselle@spp.org
WEQ	Bruce Ellsworth, New York State Reliability Council	603-746-3447	ellsworth@conket.com
WEQ	Mike Grim, TXU Business Services	214-812-6262	mike.grim@txu.com
WEQ	Leonard Haynes, Southern Company	404-506-4777	ljhaynes@southernco.com
WGQ	Bill Hebenstreit, Cheniere Marketing, Inc.	832- 518-4629	bhebenstreit@cheniere.com
REQ	Ruth Kiselewich, Baltimore Gas & Electric	410-470-1361	ruth.c.kiselewich@bge.com
REQ	David Koogler, Dominion Virginia Power	804-771-3429	David_koogler@dom.com
WEQ	Ron Mucci, Williams Power Company	918-573-8728	ron.m.mucci@williams.com
WGQ	Mike Novak, National Fuel Gas Distribution	716-857-7884	novakm@natfuel.com
WGQ	Jim Templeton, Comprehensive Energy Services	713-759-6999	jtemplton@aol.com
WEQ	Roy True, Aces Power Marketing	317-344-7203	royt@acespower.com

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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	D. Rager
AREVA T&D	office	Avnaesh Jayantilal – sent packet 10/5/2007 – replied 010/05/07 with questions, follow-up 10/18/07 – no reply	D. Rager
Arizona Public Service Company	office	Kelly Daly – received application (WGQ/End User) 11/15/07 – **HAS NOT PAID**	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
Chesapeake Energy	office	James C. "Jim" Johnson, President of Chesapeake Energy Marketing, Inc. Initial contact was Bill Hebenstreit. Letter to Jim should be sent from the office shortly. Packet sent 1/3/07.	B. Hebenstreit
Choice Energy Services	M. Novak	Jeff Sterba, membership packet sent by NAESB office as requested by M. Novak, 9/15/06.	M. Novak
Cirro Energy Services	M. Novak	Jeff Nottingham, membership packet sent by NAESB office as requested by M. Novak 9/15/06.	M. Novak
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.	D. Rager

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Attachment 2a

NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects		Source	Contact/Notes	Assignment
	Converge			S. Brown, R. True
✓	DB Energy Trading LOC	D. Gussow	William Donnelly – sent packet as requested 7/19/07. ***HAS JOINED***	D. Rager
	Devon Energy		Bill Green. John Bretz of Anadarko, has offered to follow up.	B. Hebenstreit
	EnerNOC, Inc.	Ed Overtree	Katie Mihalko and David Brewster – sent packets as requested by E. Overtree 1/30/07.	Ed Overtree
	Energy South Services, Inc.	D. Gussow	Todd Brown – sent packet as requested 7/24/07 – follow-up 10/18/07 no reply	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
	EOG Resources		Mark G. Papa. Letter to Mark should be sent from the office shortly. Packet sent 1/3/07.	B. Hebenstreit
	First Choice Power	M. Novak	Jeff Sterba, membership packet sent by NAESB office as requested by M. Novak 9/15/06.	M. Novak
	Foothills Energy Ventures, LOC	R. McQuade	Marty Patterson – Rae requested membership packet to be sent. Mailed packet 5/1/07	R. McQuade
	Gestalt, LLC	M. Novak	Richard Wodyka – sent packet at the request of M. Novak 1/30/07.	M. Novak
	Good Cents	office	Robert S. Mason contacted Laura concerning membership information. Mailed packet 4/13/07	L. Kennedy
	IDEA			D. McVicker
	Liberty Power	R. Kiselewich	David Hernandez, membership packet sent by NAESB office as requested by M. Novak to be sent to Mr. Hernandez, 9/15/06.	R. Kiselewich/ M. Novak
	McDermott, Will and Emery	K. Fudali	Dennis J. Withee – sent packet as requested by K. Fudali 11/9/06.	K. Fudali
	Merrill Lynch	office	Anchalee Do, asked about contract, WGQ, could result in several memberships. Letter sent	L Kennedy

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NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects		Source	Contact/Notes	Assignment
			7-11-06.	
x	Minnesota Power	office	Carol Gerou – sent packet 10/30/07 – reply not interested in becoming a member at this time 10/31/07.	D. Rager
	New Era Energy, Inc.	M. Edwards	Jack Greenhalgh, relationship with SAIC may be interested in joining.	M. Edwards
	New Jersey Division of the Ratepayer	office	Felicia Thomas-Friel, initial contact was Barbara R. Alexander. Possible interest in membership	D. Rager
	Newfield Exploration		David Sills. In March of 2005, their management decided not to join NAESB. The office will send a letter to their CEO, David A. Trice shortly. Packet sent 1/3/07.	B. Hebenstreit
	Noble Energy		Robert K. "Bob" Burleson, president of their marketing affiliate, Noble Energy Marketing, Inc. Letter to Bob should be sent from the office shortly. Packet sent 1/3/07.	B. Hebenstreit
	Shell Trading			S. Brown
	Siemens NewEnergy Associates	office	Bob Usher, Initial contact was Dave Koogler. Possible interest in membership. Material sent. Has indicated they might join depending on the 2007 Annual Plan 10/18/06.	D. Rager, D. Koogler will follow up on this lead
	Strategic Energy, LLC	office	Pam Melton, interested in possibly filling a vacany in the retail electric quadrant. Packet sent 10/13/06.	D. Rager, R. Kiselewich
	Structure Group	office	Lisa Blackwood, possible interest in membership, lunch set up with Cade Burk who was initial contact	R. McQuade
✓	Tri-State G&T Association, Inc.	office	Lisa Tiffin requested application. Completed application received 8/29/07. ***HAS JOINED***	D. Rager
	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
	Vectren Corporation - Southern Indiana Gas and		Larry Freedman	R. True, S

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Membership Prospects	Source	Contact/Notes	Assignment
Electric Company			Brown
Vectren	office	Kim Talley – sent membership information 10/19/07 via email	L. Kennedy
Virginia Citizens Consumer Council	office	Irene Leech. Initial contact was Dave Koogler. Possible interest in membership. Material sent.	D. Rager, D. Koogler will follow up on this lead
Wheelabrator			
XTO Energy		Bob R. Simpson, CEO. Letter to Bob should be sent from the office shortly. Packet sent 1/3/07.	B. Hebenstreit

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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		**Has Joined – February 2007**	
Independent Electricity System Operator (IESO) – Contacts: Ron Falsetti and David Short		**Has Joined – March 2007**	
New York Independent System Operator, Inc. (NYISO) – Contacts: Michael Calimano and Mark S. Lynch		**Has Joined – February 2007**	
TranServ International, Inc. – Contact: Kevin Burns		**Has Joined – February 2007**	
PJM Interconnection – Contact: Alicia Daugherty		**Has Joined – March 2007**	
Alberta Electric System Operator – Contact: Diana Pommen		**Has Joined – March 2007**	
ISO New England, Inc. – Contact: Matthew F. Goldberg		**Has Joined – March 2007**	
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		
British Columbia Transmission Corporation	NERC		
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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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		
OGE Energy Corporation - OG&E Electric Services	EEI - NERC		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**
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
WEQ	IGO	PJM Interconnection	Participation in new segment	March

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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

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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 Procario	Company merger with Duke	March
WEQ	End User	Cinergy, John Procario	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	End User	Electricity Consumers Resource Council – John Anderson and John Hughes		August
WGQ	LDC	Integrys 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 December 7, 2007

Vacant Seats	Quadrant	Seat	Segment	Subsegment
12	Retail Electric	Board (7)	Supplier (2) End User (3) Service Providers (2)	
		Executive Committee (5)	End User (3) Services (1) Supplier (1)	
35	Retail Gas	Board (17)	Distribution (3) End User (6) Service Providers (3) Suppliers (5)	
		Executive Committee (18)	Distribution (3) End User (6) Service Providers (5) Suppliers (4)	
12	Wholesale Electric	Board (6)	Transmission (3)	Independent Transmission Company (1) Investor Owned Utility (1) At-Large (1)
			End User (4)	End Use ((Also in another segment)(1) Commercial/Residential (1) Large Industrial (2)
		Executive Committee (6)	End User (5)	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)
			Generation (1)	Merchant (1)
7	Wholesale Gas	Board (5)	Producers (1) Services (1) End Users (3)	
		Executive Committee (2)	End Users (2)	

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Attachment 6

North American Energy Standards Board
Membership as of December 7, 2007

Member Company	Quadrant	Segment	Contact
8760 Inc.		s	John Williams
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	Neil Coghlan
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
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	t	Dan Klempel
Basin Electric Power Cooperative	WEQ	m	David Raatz
Basin Electric Power Cooperative	WEQ	g	Jason Doerr
BG Energy Merchants, LLC	WGQ	s	Martha Braddy
Boardwalk Pipeline Partners, LP	WGQ	pl	Randy Young, Mitch Whitehead

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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
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
Center Point Energy Minnegasco	RGQ	su	Tracy Bridge
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
Conectiv Energy Supply, Inc.	WEQ	m	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	Sara O'Neill, Peter Kelly-Detwiler, Janson Pollock
Consumers Energy Company	WEQ	d	Andrew C. Dotterweich, Frank Johnson
Coral Energy Resources, LP	WGQ	s	Eric Gillaspie

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Coral Power, LLC	WEQ	m	Robert Reilley, Paul Kerr
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
Department of the Interior, Bureau of Reclamation	WEQ	g	Dr. Karl Wunderlich
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
Energy Services Group, Inc.	RGQ	s	George Behr
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

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Exelon Energy	RGQ	su	Sheree M. Petrone
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	g	Robert C. Williams
Florida Municipal Power Agency	WEQ	d	Steven H. McElhaney
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	WEQ	t	Linda D. Campbell
Florida Reliability Coordinating Council	WGQ	e	Ken Wiley
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
H S Resources Inc.	WGQ	pl	Carol Hall
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 Muncipal Power Agency	WEQ	g	Dick Foltz
Indiana Office of Utility Consumer Counselor	RGQ	e	Matthew Parsell
Integrys Energy Group, Inc.	RGQ	d	William Bourbonnais, Ken Thiry, Les Nishida
Integrys Energy Group, Inc.	WGQ	l	David E. Wear
Integrys Energy Services, Inc.	REQ	d	Dennis Derricks, Les Nishida, Ken Thiry
Integrys 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

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J. P. Morgan Ventures Energy Corp.	WGQ	s	Ike Gibbs
Kern River Gas Transmission Company	WGQ	pl	Brenda Horton
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	Mark S. Lynch
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

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North American Electric Reliability Corporation (NERC)	WEQ	d	Donald M. Benjamin, Larry Kezele, Tom Vandervort
North Carolina Electric Membership Corporation	WEQ	d	David Beam
North Carolina Electric Municipal Power Agency #1	WEQ	m	Clay A. Norris
North Carolina Electric Municipal Power Agency #1	WEQ	d	Matt Schull
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	Mark T. Maassel
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	m	Jennifer J. Vosburg
Office of Public Advocate, State of Maine	REQ	e	Barbara Alexander
Ohio Consumers Council	REQ	e	Wilson Gonzalez
Ohio Consumers Council	RGQ	e	Bruce M. Hayes
Ohio Consumers Council	WEQ	e	Wilson Gonzalez
Oncor	REQ	d	Larry Williford, Debbie McKeever
Oncor	WEQ	t	Ellis Rankin, Debbie McKeever
ONEOK	WGQ	l	Patricia Anderson
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	m	Edison G. Elizeh, John Apperson
PacifiCorp	WEQ	g	Greg Maxfield
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	Alicia Daugherty
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

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Powerex Corp.	WEQ	m	Michael L. McWilliams, Sharole Tylor
PPL Electric Utilities Corporation	WEQ	t	Ray Mammarella
PPL EnergyPlus, LLC	WGQ	e	Anne Lovett
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 Service Company of New Mexico	WEQ	m	Mark T. Klein
Public Service Electric & Gas	REQ	d	Terrence Moran
Public Service Electric & Gas	WGQ	l	David Wohlfarth
Public Service Electric & Gas Company	RGQ	d	Terrance Moran
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	Mark Davis
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	Diane McVicker
Salt River Project Agricultural Improvement and Power District	WEQ	d	Wendy Weathers, Mark B. Bonsall
Salt River Project Agricultural Improvement and Power District	WEQ	t	Steve Cobb
Salt River Project Agricultural Improvement and Power District	WEQ	m	Mark S. Mitchell
Seattle City Light	WEQ	d	Marilynn Semro
Seminole Electric Cooperative, Inc.	WEQ	m	Trudy S. Novak
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	t	Patricia Englin
Sierra Pacific Resources	WEQ	m	Sheryl Torrey
SolArc, Inc.	WGQ	s	Chuck McClure
South Carolina Electric & Gas Company	WEQ	t	S. Porcher Stoney
South Carolina Electric & Gas Company	WEQ	m	Kevin Spitzform
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

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Southern Company Services	REQ	s	Mark S. Jarrett
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	Kathy Fudali
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 Compay	WEQ	tt	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
Vega Energy Partners, Ltd.	WGQ	s	Lori Leeder

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Vermont Public Power Supply Authority	WEQ	g	William J. Gallagher
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	t	Mark Fidrych
Western Area Power Administration	WEQ	m	Jeffrey Ackerman
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

NORTH AMERICAN ENERGY STANDARDS BOARD
RETAIL STRUCTURE REVIEW COMMITTEE
2007 FINAL REPORT

BACKGROUND:

In 2005, the membership of the Retail Gas and Electric Quadrants of the North American Energy Standard Board (NAESB) had declined, to a level below the NAESB Bylaw requirement of 40 members in each quadrant. At the June 2005 NAESB Board of Directors meeting, the Board requested volunteer board members to form a committee to address the retail quadrant membership issues and make recommendations to Board of directors by the end of 2005.

The Retail Structure Review Committee (RSRC) (current members):

Bill Bourbonnais, WPS Resources
Jim Buccigross, Group 8760
Leonard Haynes, Southern Company Services
Laura Kennedy, NAESB
Ruth Kiselewich, Baltimore Gas and Electric
David Koogler, Dominion Virginia Power
Marcy McCain, Duke Energy
Rae McQuade, NAESB
Mike Novak, National Fuel Gas Distribution
Keith Sappenfield, EnCana Corporation

developed the following mission statement:

> The Retail Structure Review Committee functions solely at the pleasure of the NAESB Board of Directors and reports to the NAESB Board of Directors through the NAESB Board Managing Committee. The Committee will make recommendations to the full board to address the membership levels in the retail electric and retail gas quadrants through possible changes to NAESB By-laws, structural changes to the quadrants or their segments including merger of the two quadrants.

Since 2005, the RSRC has continued to review the reasons for the decline in the two retail quadrant's membership. The major reason for this membership decline can best be attributed to the stalled or even regressive status of the retail customer choice initiatives in the nation. This in turn has lead to a lack of interest by market participants in developing business practices to support retail customer choice, which has been the primary focus of the retail quadrants since they were established. The regressive status of the retail customer choice initiative has continued into 2007 with various states re-regulating electricity and more considering re-regulation.

Annually since 2005, the RSRC has continued to review options to this membership decline, which include:

1. an increase of retail quadrant membership to bylaw requirement levels,
2. changing the bylaws to reduce the membership requirement,

3. combining the two Retail Quadrants to reach the bylaw membership levels, or
4. delaying any structural changes until the original work plan of developing business practices for the customer choice retail markets is completed.

The RSRC also determined that none of the available options will have any appreciable effect on the finances of the NAESB organization. This situation was reconfirmed this year. It is believed that the Retail Quadrants are operating as efficiently as possible and only a major increase in Retail Quadrant membership will have any significant improvement in NAESB finances.

The RSRC made a recommendation, which was approved by the NAESB Board of Directors at their December 2005 meeting to delay any structural changes to the two Retail Quadrants until their initial work on customer choice market business practices are complete and the Board direction to include development of business practices for the traditional regulated as well as customer choice markets has a chance to develop.

The RSRC spent 2006 working on the potential expansion of the retail quadrant focus from the development of business practices for just the customer choice retail markets to also including the development of business practices needed for the traditionally regulated market. This expansion of focus had been driven by a number of requests for standard retail energy contracts and standard electronic billing (a request from national accounts customers) and a discussion on green energy business practices in both gas and electric markets. Also in 2006 the RSRC members met with AGA, EEI, NARUC, the NAESB Advisory Council, several State Commissioners, and the EEI National Accounts Committee. These meetings have provided a list of potential Business Practice initiative and provided a number of interested National Accounts and State Commission comments and suggestions for the 2007 Retail Plan, 2 of which have been completed.

The RSRC made a recommendation, which was approved by the NAESB Board of Directors at their December 2006 meeting to continue to delay any structural changes to the two Retail Quadrants to allow the Retail Quadrants to complete their original work plan of customer choice business practices, continue work on one and develop the two new 2007 business practices for both customer choice and regulated retail markets and continue to attempt to increase retail quadrant memberships through the current outreach and new business practice initiatives.

In 2007, the retail quadrants, along with the Wholesale Electric Quadrant, focused on a request that was presented in late 2006 by Advanced Energy of North Carolina, to develop model business practices for standardized measurement and verification of demand side management and energy efficiency programs (DSM-EE). To date this effort has included 6 national meetings attended in person by as many as 75 and an average of 55 persons, with many more participating by teleconference. A high proportion of the participants in the meetings are not NAESB members. The distribution list for this initiative is over 250 NAESB members and non members. The first several months of the DSM-EE project focused on defining the scope, scale and process for developing standards and model business practices for measuring and verifying peak load and energy consumption reductions. In November, the activity had

progressed to the point where five individual working groups were established to begin the detailed work that will eventually yield the M&V standards and model business practices . The other focus of the Retail Quadrants is to complete the work on the development of the original business standards for retail choice. As can be seen by the 2008 Gas & Electric Quadrant Plan (Attachment #2), these efforts will continue through 2008 and into 2009.

DISCUSSION OF OPTIONS

The option of revision of the NAESB bylaws may only be a short-term remedy. The current membership requirement of 40 for each retail quadrant was not scientifically reached but was a reasonable minimum level of membership if the retail quadrants were to be effective at reaching consensus of a critical mass of the market. A membership level of less than 40 could result in concern regarding critical mass for a nation of 48 contiguous states. Current memberships of 27 in the Retail Electric Quadrant and 25 in the Retail Gas Quadrant has stabilized over the past 2 years but could continue to decline if (1) companies with more than one retail quadrant membership (7) decide to reduce their memberships since most work is done through cooperative work of both quadrants, (2) the nationwide customer choice initiative remains stalled and (3) the expansion of the focus to provide business practices for both choice and regulated markets, such as the DSM-EE initiative, does not lead to an increase in the number of paid memberships .

The option of merging the NAESB Retail Electric and Retail Gas Quadrants would provide immediate membership levels that satisfy the bylaw membership requirements and would continue the current practice of the two quadrants working together. The current combined level of 52 members could decline to as low as 45 members, if members with both gas and electric quadrant memberships decide they only need one membership, which is still above the bylaw membership requirement of 40, unless there are significant membership terminations due to opposition to the merger of the two quadrants. The merger of the two quadrants will also require bylaw revisions to reflect one rather than two quadrants and to resolve bylaw differences between the two quadrants. It is estimated that it will take 6 - 9 months to modify the bylaws and ratify the governance changes. If a decision is made to merge the two retail quadrants, great care should be taken to ensure that representatives of both gas and electric have an equal voice as was the case with the 2005 proposal for merger (Attachment 2), and the combining of the two quadrants should be done in a way that permits the easy return to two quadrants in the future if needed. The merger of the two Retail quadrants would require active participants to focus on structural issues in 2008 rather than working toward completion of the currently planned business practices.

The option of continuing to expand the focus of the retail quadrants to include projects for regulated markets along with customer choice markets may result in an increased interest in retail quadrant memberships, but so far this has not been the experience. NAESB did experience a number of comments from non-members supporting projects for both markets in the proposed 2007 Retail Quadrant Plan development, two of which have been completed. The major DSM-EE initiative could result in a significant increase of membership due to the large number of non members working and following this initiative, but it is too early to determine if that will be a result.

The option of delaying any structural changes at this time would allow the continuation of the work of the combined Retail Quadrants to complete the original work plan of choice business practices without the disruption resulting from developing and implementing quadrant structural changes. Based on the current draft of the 2008 plan, there is Customer Choice Business Practice work through 2008. Delay would also allow measurement of the progress and industry interest on the new DSM-EE initiative, which was started in 2007 and which is expected to be defined with work starting on the actual standards/model business practices in 2008. Continuing to wait until this initiative, which has attracted a large number of non-members, is defined and started will require a delay of any significant effort to restructure the two quadrants until it is determined whether or not the initiative will result in additional industry interest and increase to Retail Quadrant memberships.

An option to Merge Retail Quadrants into the Wholesale Quadrants was suggested during a Retail Quadrant Leadership meeting in September 2007. This suggestion has not been studied yet by the RSRC but should be considered if and when a structure change is contemplated for the two retail quadrants. Since much of the work done by the Wholesale Quadrants has a direct affect on the corresponding Retail Quadrants, any suggestion to eliminate the Retail Quadrants would leave a void in the Wholesale Quadrants, especially on projects, like the current model business practices for standardized measurement and verification of demand side management and energy efficiency programs, that would have been joint projects under the current organization. This may also allow a mechanism for the two Retail Quadrants to work on retail initiatives that are not being considered by the Wholesale Quadrants.

RECOMMENDATION

Based on the reviews completed by the RSRC, the input from the Retail Quadrants Executive Committees and the recent increased interest in new initiatives, the RSRC recommends that the NAESB Board of Directors continue to delay any structural changes to the Retail Quadrants at this time. This will allow the Retail Quadrants to complete their original work plan of customer choice business practices, which is anticipated for 2009, unless there is an upturn in customer choice and to continue to develop the energy efficiency and demand response measurement standards which will also probably extend into 2009.

As the Board considered the last two years, starting the process of making retail quadrant structural changes will consume many hours of current participants, taking away from the focus on completing the customer choice business practices in the draft 2008 plan. Delaying any structural changes to beyond 2008 will also allow more time to determine if greater interest can be generated for business practices for both markets.

The RSRC also recommends that the NAESB Board direct the RSRC to continue its work into 2008 to:

1, continue review of the need for and potential structural changes to the two Retail Quadrants beyond 2008 based on quadrant membership levels, industry interest in retail quadrant work, progress and interest in initiatives for business practices for both retail customer choice and traditionally regulated markets with a report in December 2008 and

2. complete a strategic plan for the quadrants beyond 2008 and

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ATTACHMENT 1

November 25, 2005 RSRC Proposal to Combine Retail Quadrants

1) Consolidated the two retail quadrants into one combined retail quadrant called Combined Retail Quadrant (CRQ). Option is Retail Energy Quadrant but that could be confused with the current Retail Electric Quadrant.

2) CRQ would have 4 segments of 7 members each.

   Based on the current Board roster and EC roster, no one would lose a seat, initially the CRQ Board in the transition would include the following:

   Distributors - 7/7 (RGQ:4,REQ:3)
   Suppliers - 3/7 (RGQ:1,REQ:2)
   Services - 6/7 (RGQ:4,REQ:2)
   End Users - 2/7 (RGQ:1,REQ:1)

   Initially the CRQ Executive Committee in transition would include:

   Distributors - 7/7 (RGQ:3,REQ:4)
   Suppliers - 5/7 (RGQ:3,REQ:2)
   Services - 6/7 (RGQ:4,REQ:2)
   End Users - 2/7 (RGQ:1,REQ:1)

3) In the transition, until the next elections a company would be allowed to hold two seats in a segment only if they want to separate their electric interests and gas interests and maintain two NAESB retail memberships. This would avoid displacement of current Board and EC members and subsequent elections would prevent any abuse of having two votes on the Board or EC.

4) Within each segment, one seat (maybe two) could be reserved for sole commodity companies (gas or electric only). Unlike WEQ, these reserve spots should not be left unfilled if no sole commodity company is interested - in such cases a combination company could fill the slot.

5) CRQ should keep two bodies of MBPs - one for electric and one for gas, the vast majority of which would be identical. This avoids the automatically assumption to be applicable to both REQ and RGQ.

6) It may be appropriate to include a reserve clause that says if membership of CRQ reaches 85 or 90 and with 2/3rds vote of the CRQ members, gas and electric quadrants could be separated.

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ATTACHMENT 2
NEED TO UPDATE THE ANNUAL PLAN

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Prepared October 29, 2007 for Executive Committee Approval on November 7, 2007

	Item Number & Description	Completion[2]	Assignment
1	Electronic Retail Billing.		
	Develop Technical Electronic Implementation Standards – Electronic Retail Billing Status: Underway	1st 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	1st Q, 2008	IR
	b. Develop Technical Electronic Implementation Standards – Customer Enrollment, Drop and Account Information Change, Status: Not Started	2nd 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: Underway	4th Q 2007[1]	Texas Task Force/ BPS
	ii) Customer Drop Status: Not Started	1st Q 2008	Texas Task Force/ BPS
	iii) Account Information Change Status: Not Started	2nd Q 2008	Texas Task Force/ BPS
4	Review and Discuss application of any other existing model business practices for the Registration Agent model	3rd Q 2008	BPS
5	Customer Inquiries		
	Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. Status: Not Started. Delayed to 2008 for completion because the registration agent model is separate from customer enrollments.	4th 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

[1] A 2007 completion date was included for presentation purposes only.

NORTH AMERICAN ENERGY STANDARDS BOARD
RETAIL STRUCTURE REVIEW COMMITTEE
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NORTH AMERICAN ENERGY STANDARDS BOARD

2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Prepared October 29, 2007 for Executive Committee Approval on November 7, 2007

	Item Number & Description	Completion[2]	Assignment
7	Address issues raised in the Department of Energy's Sandia National Laboratories on NAESB technical standards and respond to the surety assessment findings and recommendations. Status: Underway	1st Q 2008	BPS/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		
	b. Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway		
	c. Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway		
	d. Develop glossary for business practice standards Status: Underway		
	e. Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway		
	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		
	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.		
	h. Develop business practice standards to support cap and trade programs for green house gas. Status: Not Started.		

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NORTH AMERICAN ENERGY STANDARDS BOARD

2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Prepared October 29, 2007 for Executive Committee Approval on November 7, 2007

Item Number & Description	Completion[2]	Assignment
Program of Standards Maintenance & Fully Staffed Standards Work[2]		
Business Practice Requests	Ongoing	Assigned by the EC[3]
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
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.

Review existing body of model business practices for applicability to registration agents and develop model business practices as needed.

Review and determine state of the market and if standards development is needed for greenhouse gas cap and trade programs.

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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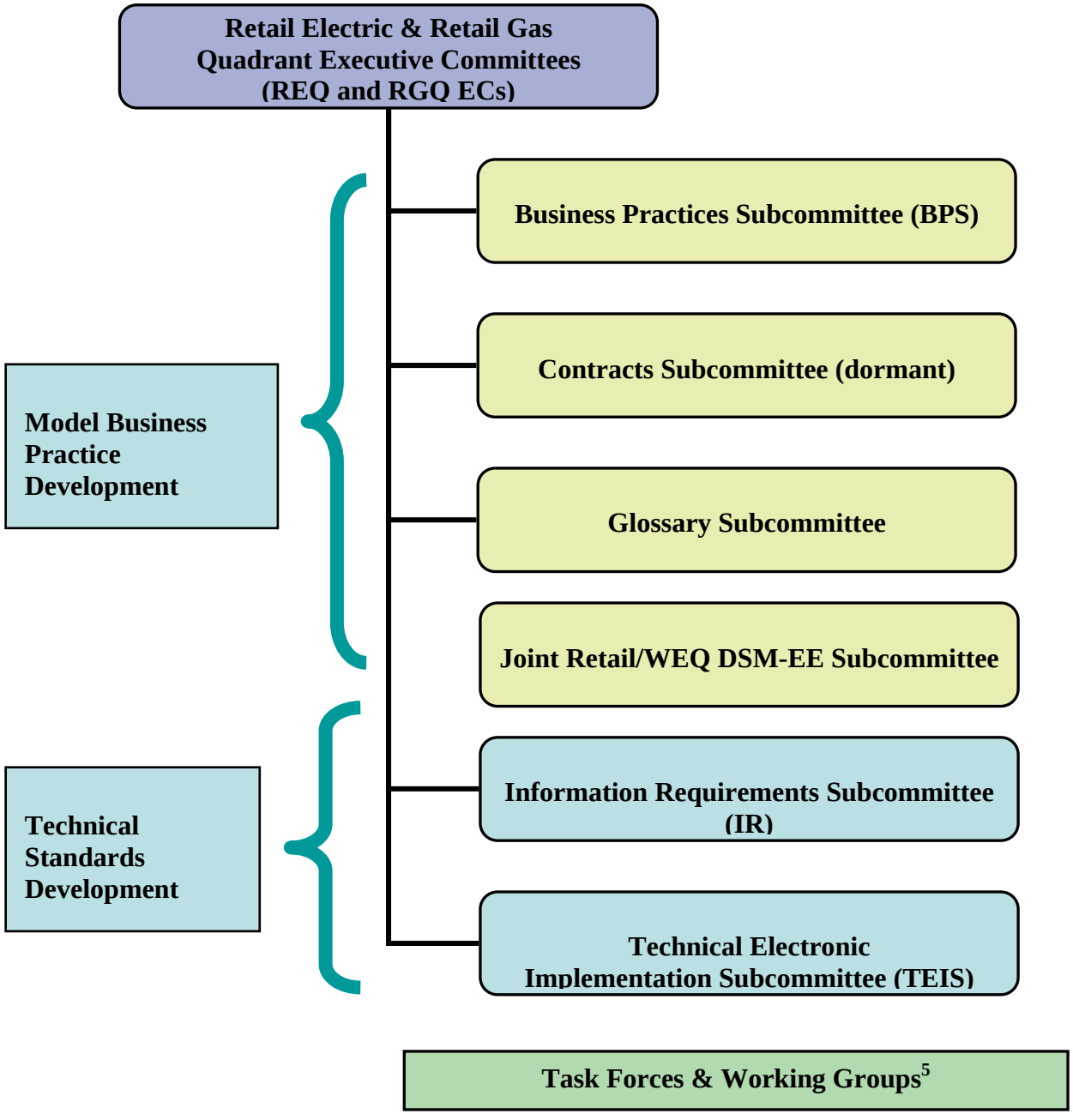

NAESB Retail Subcommittee Leadership:

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:

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

[2] Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed so as to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

[3] This work is considered routine maintenance and thus the items are not separately numbered.

[4] The REQ and RGQ ECs will assign maintenance efforts on a request by request basis.

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

TAB 5

UPDATES ON SPECIFIC STANDARDS DEVELOPMENT EFFORTS

This section includes:

- eTariff status report
- Order 890 status report
- Transmission Loading Relief status report
- Order 698 status report
- DSM-EE Efforts status report
- Publication Schedule for retail and wholesale electric standards status report

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.

North American Energy Standards Board

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NAESB UPDATE: ETARIFF SUMMARY
AS OF NOVEMBER 29, 2007

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.

THE FOLLOWING INCLUDES:

SUMMARY OF MEETINGS	PAGE 2
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E-TARIFF DIAGRAM – HIGH LEVEL PROCESS FLOW FOR XML PACKAGE SUBMITTAL	PAGE 9

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NAESB UPDATE: ETARIFF SUMMARY
AS OF NOVEMBER 29, 2007

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.
- **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

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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 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.
- **Planned, December 10, 2007:** The e-Tariff Technical Task Force is scheduled to meet via conference call to review the FERC data tables and then take a vote on the entire TIBP.
- **Planned, January 10, 2008:** The e-Tariff Task Force plans to 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.
- **Planned, January 23-25, 2008:** The e-Tariff Subcommittee is scheduled to meet January 23-25, 2008 in Colorado Springs, Colorado hosed by El Paso. During this meeting, it is planned for the e-Tariff Subcommittee to vote out the recommendation of the standards for e-Tariff to the WGQ and WEQ Executive Committees.

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NAESB UPDATE: ETARIFF DISTRIBUTION LIST
NOVEMBER 29, 2007

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

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

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

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Smead, Rick	Navigant Consulting
Smith, Larry	Tennessee Gas Pipeline Company
Smith, Richard	ExxonMobil Gas & Power Marketing
Snyder, Virginia J.	PJM Interconnection
Sobel, Jana J.	Southern Natural Gas Company
Soderberg, Grace D.	NARUC
Solitario, Denise A.	ONEOK Partners GP LLC
Sorenson, Paul	OATI
Spangler, Leigh	Latitude Technologies
Steffes, Darla	Northern Border
Stender, Mike	El Paso Corporation
Stepenovitch, Joe	Independent
Stewart, Cindy E.	FirstEnergy Service Company
Stewart, Lee	Southern California Gas Company
Stires, Susan	El Paso Natural Gas
Straquadine, Tony	Alliance Pipeline Ltd.
Stroh, Robert	Bruder, Gentile & Marcoux, L.L.P.
Sumter, Gail	Assoc. of Oil Pipe Lines
Sutton, Dawn	Progress Energy Service Co., LLC
Swamy, Priya	Dominion Transmission Inc.
Taylor, Darren	Calpine Corporation
Taylor, Lynn	CenterPoint Energy
Templeton, Jim	Comprehensive Energy
Theodore, Sharon Royka	NiSource
Tholt, Jane	TransCanada
Thomason, Angela	NAESB
Thomason, Veronica	NAESB
Thompson, Cindy	Southern Star Central Gas Pipeline
Thompson, Tim	Southern Star Central Gas Pipeline
Thorn, Michael J.	FirstEnergy Service Company
Thornton, Belinda	Tennessee Valley Authority
Thornton, Kathy	Enbridge Offshore
Thrash, MiYung	Shell Pipeline Company LP
Tiggelaar, Keith	Williston Basin Interstate Pipeline Company
Tigue, John R.	NYSEG
Tilghman, Henry	PacifiCorp
True, Roy	ACES Power
Ulch, Dean	Southern Company
Van Ness, Jana	Arizona Public Service Company
Van Pelt, Kim	Panhandle Eastern Pipe Line
Vandervort, Thomas	NERC
VanGordon, Michelle L.	Midwest ISO
Vaughn, C. Mark	NiSource Pipeline
Vicente, Denny	BP Pipelines
Voeck, Julie	American Transmission Company
Warr, Martin	BP Energy
Weathers, Wendy	Salt River Project
Weaver, Alonzo	Memphis Light Gas and Water
Wei, Karen	The Structure Group
Westendorff, Julie B.	Edison Electric Institute
Westerfield, Lou Ann	Idaho Public Utility Commission
White, Craig	Philadelphia Gas Works
Whiting, Luke	Florida Power and Light
Wiley, Ken	FRCC
Williams, Robert C. (Bob)	Florida Municipal Power Agency
Willis, Joe	Magellan Pipeline Company
Willis, Michelle	CenterPoint
Williston, Wade	Entergy
Winterfeld, Curtis	Deseret Generation & Transmission Cooperative
Yakopcic, George	Allegheny Energy
Yang, Aiwei	Northern Natural Gas Company
Yeung, Charles	Southwest Power Pool
Yip, Nelson	Consolidated Edison
York, Katherine	Tennessee Valley Authority
Young, Randy	Gulf South Pipeline Company LP
Younglund, Marshia	Williams
Yount, Sheila	TransCanada
Zeiszler, Don	Williston Basin Interstate Pipeline Company
Zelenko, Richard	Dominion Retail Inc.
Zimberlin, Joy	New York ISO

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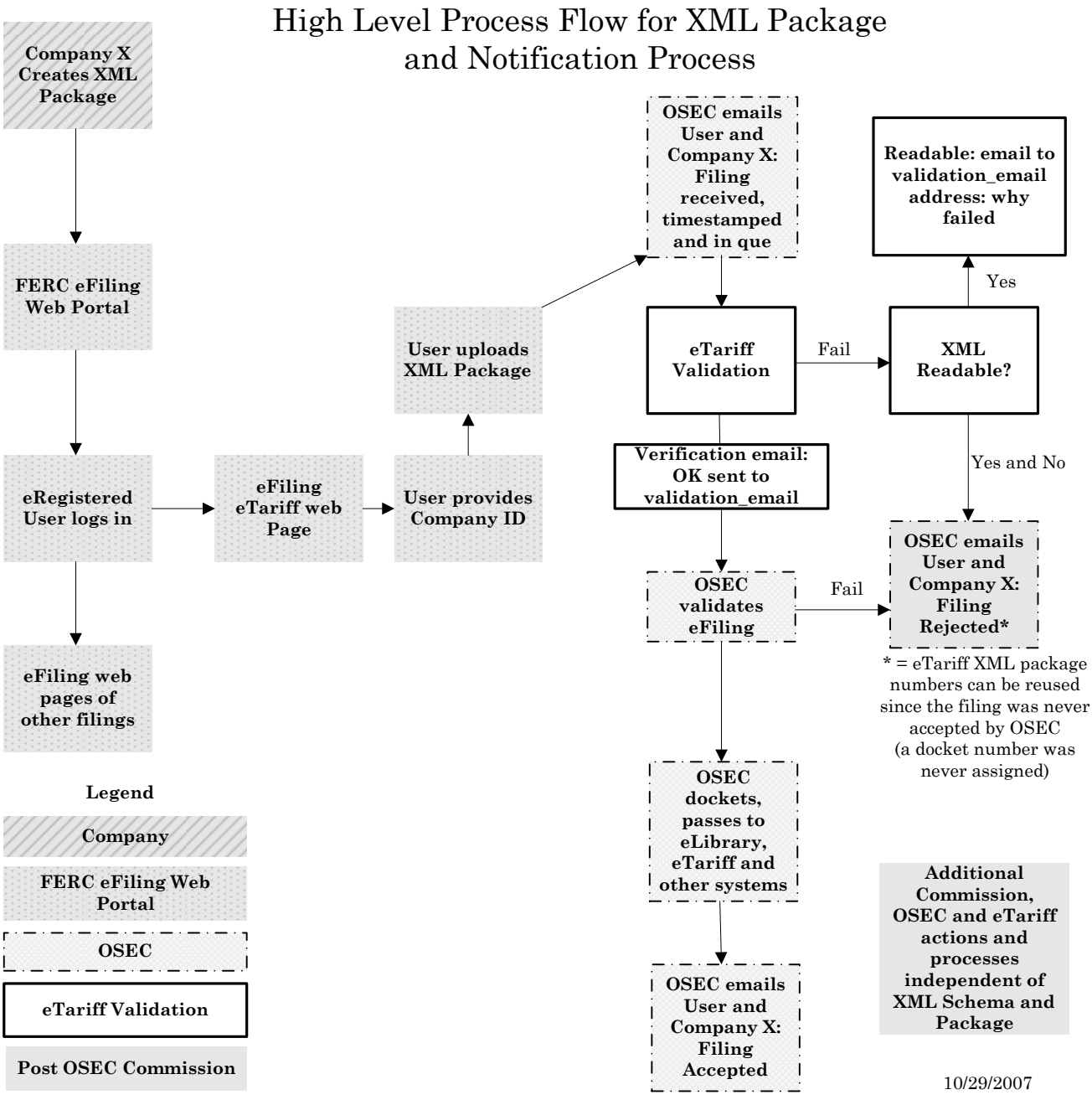
OCTOBER 29, 2007



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NAESB UPDATE: ORDER 890
DECEMBER 1, 2007

ORDER 890 NAESB EFFORTS:

- **Order 890 and OATT Reform (WEQ):** A working session was held to review the OATT NOPR and prepare analysis for the basis for NAESB comments to the FERC on August 7, 2006. The NAESB comments were filed on August 7, 2006. Similarly, NAESB provided comments to the FERC regarding the October 12 Technical Conference on OATT Reform on November 12, 2007. The Commission issued the final rule, Order 890, on February 16, 2007. NAESB filed a status report on its plans on June 13, 2007, which is updated as each subcommittee meets to perform its assigned tasks. The task list has been modified to show dependencies with NERC for ATC related items as is available on the NAESB web site.
- **Executive Committee and Board:** This is a standing agenda item for both governing bodies.
- **NERC:** NAESB meets jointly with NERC on ATC related standards development to ensure that we remain consistent in our development activities. The recent matrix of NAESB tasks for Order 890 has highlighted areas of direct interdependency. Many of the tasks can be accomplished separately, but some will require completion by NERC before NAESB can complete its development. NERC staff and NAESB staff as well as the volunteer industry leaders for both NERC and NAESB continue in close contact to ensure that coordination remains tight.

THE FOLLOWING INCLUDES:

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NAESB UPDATE: ORDER 890 – MEETING SUMMARIES
DECEMBER 1, 2007

SYNOPSIS OF NAESB ORDER 890 RELATED MEETINGS:

Electronic Scheduling/Information Technology

- **January 8, 2007:** The WEQ BPS and ESS/ITS met via conference call jointly to review comments submitted on the Contract Path definition (Item 1D of R05004A). The group also reviewed progress made on work papers drafted to outline the standards language for Item 3E of R05004A. The subcommittee reviewed the progress of the NERC ATC Drafting Team.
- **January 9-10, 2007**: The ESS/ITS met at NAESB's offices in Houston, Texas on January 9-10. During this meeting, the subcommittee continued its review of the draft Implementation Guide and companion revisions to the S&CPs, reviewed work papers submitted in response to Request No. R04006E (Network Service Transactions), reviewed any comments submitted on Recommendation 2007 Annual Plan Item 3(a)(2) in preparation of the WEQ Executive Committee meeting, and planned the work of the subcommittee for the first quarter 2007.
- **January 26, 2007**: The ESS/ITS met via conference call on January 26. During this meeting, the participants voted to send Recommendation R04035/R05002 (S&CP) for formal comment. This recommendation states that no additional changes to the S&CPs are needed to implement the modifications to the OASIS business practices adopted in Final Action R04035/R05002. The ESS/ITS also began considering what changes are needed to the S&CPs to implement the OASIS business practices adopted in Final Action R04006D. During this meeting, the ESS/ITS also continued reviewing the draft Implementation Guide and companion revisions to the S&CPs drafted by Mr. Sorenson.
- **January 30, 2007:** The ESS/ITS and BPS met jointly via conference call on January 30. During this call, the subcommittees reviewed the draft language for NERC MOD002, and MOD003. The group made comments on MOD003 for review by the NERC ATC Drafting Team. The joint subcommittees also continued to discuss Items 1A and 3E of Request No. R05004A.
- **February 9, 2007:** The ESS/ITS and BPS met jointly via conference call on February 9. During this meeting, the subcommittees conducted a final review of the draft language for NERC MOD001 scheduled to be posted for comment by NERC on February 15. The subcommittees continued to discuss potential language for Item 1A of Request No. R05004A, discussed draft language for Item 3E, and discussed Items 2 and 3(d) for Request No. R05004A (the CBM Items).
- **February 12-13, 2007**: The ESS/ITS met at NAESB's offices in Houston, Texas on February 12-13. During this meeting, the subcommittee reviewed the draft Implementation Guide that contains the business process components of the existing Standards & Communication Protocols (S&CPs); reviewed draft language for the S&CPs to implement the OASIS business practices ratified for Resales and Transfers; reviewed work papers for Network Service on OASIS, and had an update on the ATC work.
- **February 26, 2007:** The ESS/ITS met via conference call on February 26. The ESS/ITS continued the review of the draft Implementation Guide and proposed revision to the S&CPs with recommended changes included to complement the business practice standards ratified in Final Action R04006D – Sale or Assignment of Transmission Service (Resales and Transfers) and conducted a discussion of FERC Order 890 with special attention to the sections in the Order regarding Capacity Reassignment
- **March 1-2, 2007:** The ESS/ITS and BPS met jointly with the NERC ATC Drafting Team in Memphis, Tennessee. During this meeting, the joint groups discussed the implications of Order 890 on the work of the NERC ATC Drafting Team; discussed the fact that NERC would like to retire MOD003 in favor of NAESB adopting the business practices covered in MOD003; discussed the protocol for reviewing comments on draft standards per the Joint

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Development Procedure. The NERC ATC Drafting Team also made assignments on various aspects of ETC and TRM and discussed changes that need to be made to NERC FACs 12 and 13.

- **March 7, 2007:** The ESS/ITS and BPS met jointly via conference call on March 7. During this call, the subcommittees reviewed the Order 890 Matrix and developed a preliminary work plan for the groups to draft business practices to address the ATC items in the Order in addition to drafting complementary standards to the NERC ATC standards.
- **March 15-16, 2007**: The ESS/ITS is scheduled to meet at NAESB's offices in Houston, Texas on March 15-16. During this meeting, the ESS/ITS reviewed the work papers drafted to address Request No. R04006E (Network Service Transactions); created a work plan to complete the Implementation Guide for the S&CPs and the Order 890 work (this work product was posted for informal comment after this meeting); reviewed the proposed modifications to the Resales and Transfers business practices in light of Order 890; and discussed participants' comments on how to proceed on the modification of Standard WEQ001-9.7 ;; and had an update on the ATC efforts with the BPS and the NERC ATC Drafting Team.
- **March 23, 2007**: The ESS/ITS and BPS met jointly with the NERC ATC Drafting Team via conference call on March 23. The NAESB ESS/ITS and BPS participants provided comments on the draft of NERC MOD008 and the NERC ATC Drafting Team to assigned teams to draft responses to any comments that are received on MOD001.
- **March 26, 2007:** The ESS/ITS met via conference call on March 26. During this call, the ESS/ITS reviewed comments submitted in response to the request for informal comment for the proposed changes to the Resales Standards in light of Order 890. The revised document was posted for informal comment a 2nd time.
- **April 3-4, 2007:** The ESS/ITS met at NAESB's offices in Houston, Texas on April 3-4. During this meeting, the ESS/ITS reviewed comments submitted in response to the request for informal comment for the proposed changes to the Resales Standards in light of Order 890 and voted to send the revised recommendation to the Executive Committee and for formal comment. The ESS/ITS also worked on splitting the S&CP into two documents: The S&CP and Implementation Guide pursuant to Request No. R07002 (Request to divide the OASIS S&CP into two documents: The S&CP and 2) an Implementation Guide).
- **April 17, 2007:** The ESS/ITS and BPS met jointly at NAESB's offices in Houston, Texas. The team reviewed draft language for business practices to incorporate the requirements of NERC MOD003 (NERC plans to retire this standard). The team posted that language for an informal round of comments. Comments submitted will be considered by the team during their May 3rd conference call.
- **April 23, 2007:** The WEQ BPS and ESS/ITS met jointly with the NERC ATC Standards Drafting Team in Houston, TX to review comments submitted on NERC MOD-001. The team noted commercial issues identified in those comments, and the NERC chart on comments was updated to include action items for the NAESB team. This chart is posted on the NAESB website at http://www.naesb.org/pdf2/weq_atc_afc042307a4.doc. Most action items identified for the NAESB team were the corresponding posting requirements for MOD-001. In addition, the team discussed a web-ex to be held by NERC for the industry to explain the upcoming changes to be implemented under the revised MOD-001. The NAESB team reviewed language drafted for NERC MOD-003, recently posted for an informal comment period. It is NERC's plan to retire MOD-003 and for the standard to be held at NAESB. Comments on this language are due May 1, 2007.
- **May 3, 2007:** The WEQ BPS and ESS/ITS met via conference call and reviewed comments submitted on the standards language drafted for NERC MOD-003. The team considered four options that were a compromise of the input of the meeting participants and the comments submitted. An action item was taken by the chair of the group to develop language that was a compromise of those options. This document will be reviewed by the team and prior to submitting the language as a Recommendation.

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- **May 10, 2007:** The WEQ BPS and ESS/ITS met jointly via conference call and began reviewing NERC MOD-001 to draft the corresponding ATC/AFC posting requirements for OASIS. The team noted in the document where posting requirements were necessary. They will continue the review and the drafting of the business practices at the next conference call.
- **May 17, 2007:** The WEQ BPS and ESS/ITS met jointly with the NERC ATC Drafting Team in Atlanta, Georgia to review and update each other on progress made regarding standards development for Order No. 890. During this meeting, the participants reviewed the draft NERC Standards for ATC, CBM, and TRM and determined where there would be "hand-offs" to NAESB for business practice standards development.
- **May 18, 2007:** The WEQ BPS and ESS/ITS met jointly via conference call to review the decisions made and the action items taken during the May 17, 2007 joint NERC/NAESB ATC meeting. The group reviewed the reviewed the revised NERC MOD-001 and noted the changes made. In addition, the group reviewed the requirements and made notes of questions to the NERC team concerning the posting requirements for the MOD. The team did the same for NERC MOD-028. NAESB will review these comments with the NERC team. The comments are noted in the work papers from the meeting.
- **May 30-31, 2007:** The ESS/ITS met in Charlotte, North Carolina hosted by Duke Energy on May 30-31. During this meeting, the ESS/ITS reviewed the latest drafts of the documents drafted to address Request No. R07002 (Request to divide the OASIS S&CP into two documents: The S&CP and 2) an Implementation Guide) and made changes to these documents. The ESS/ITS also revised the Order 890 Work Plan to scope and direct how the ESS/ITS will address the directives to modify OASIS in Order 890.
- **June 1, 2007:** The WEQ BPS and ESS/ITS met jointly in Charlotte, NC to continue to identify the posting requirements set forth in NERC MOD-001 MOD-028; MOD-029; MOD030; MOD004; and MOD008. The subcommittee also reviewed and modified the order 890 Work Plan to scope and direct how the ESS/ITS will address the directives to modify OASIS in Order 890.
- **June 11, 2007:** The WEQ ESS/ITS and BPS met via conference call on June 11, 2007. During this call, the ESS/ITS and BPS reviewed draft language for NAESB "handoff" items to complement the draft NERC reliability standards for MOD001; MOD0028; MOD029; MOD030; MOD004; and MOD008 and also began drafting language to set forth the procedure for input on Total Transfer Capability (TTC) and ATC methodologies and values (previously NERC MOD003)
- **June 13, 2007:** The WEQ ESS/ITS and BPS met jointly with the NERC ATC Drafting Team in San Francisco, CA hosted by NERC on June 13. During this meeting, the NAESB ESS/ITS and BPS reviewed the NAESB "handoff" items with the NERC ATC Drafting Team and presented questions drafted by the ESS/ITS and BPS regarding the language in the draft NERC MODs. The ESS/ITS and BPS also presented the draft language for the procedure for input on Total Transfer Capability (TTC) and ATC methodologies and values (previously NERC MOD003)
- **June 14, 2007:** The JISWG met jointly with the ESS/ITS to discuss how e-Tag should be modified to implement the conditional firm functionality set forth in Order 890. The JISWG also continued to work on the e-Tag Version 1.8 documents.
- **June 15, 2007:** The ESS/ITS met via conference call and continued to draft modifications to the draft S&CPs and Implementation Guide to include changes needed to the OASIS practices to the Group 1 items in the Order 890 Work Plan.
- **June 22, 2007:** The WEQ ESS/ITS and BPS met by conference call. The Subcommittee reviewed the NERC comments to the draft language for the procedure for input on Total Transfer Capability (TTC) and ATC methodologies and values (previously NERC MOD003). Modifications to the draft were made in response to the NERC comments. The group also drafted a comment to submit to the NERC ATC Drafting Team stating their

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concerns regarding the "publicly available" requirement of the reliability standard. The group made a few minor corrections the draft language to complement NERC MOD001 and MOD028, and drafted responses to the comments submitted by NERC regarding the "handoff" items to complement MOD001; MOD028-MOD030; MOD004; and MOD008.

- **June 26-27, 2007:** The ESS/ITS met in Austin, Texas on June 26-27 hosted by NAESB. During this meeting, the ESS/ITS reviewed the Specification for Implementation of Conditional Firm in e-Tagging that the JISWG posted for informal comment; reviewed revised Recommendation R07007 that had been revised by the JISWG. The ESS/ITS voted to send Recommendation R07007 out for formal 30 day comment and to the WEQ Executive Committee for review/adoption. The ESS/ITS also reviewed the latest draft of the OASIS S&CP, the OASIS S&CP Data Dictionary, and OASIS S&CP Implementation Guide that included the Group 1 items of the Order 890 Work Plan. The ESS/ITS updated that status of the items in the Order 890 Work Plan.
- **July 6, 2007:** The ESS/ITS and BPS met via conference call on July 6, 2007. During this call, the subcommittees finalized the documents that would be presented to the NERC ATC Drafting Team for review and comment on July 6. The documents that were reviewed included the draft language for the ATC posting requirements to complement the NERC standards MOD001, MOD004, MOD008, and MOD028-030; the language drafted to incorporate NERC MOD003 into a NAESB business practice. The ESS/ITS and BPS updated the "Handoff List' to include additional question/comments on the NERC draft reliability standards.
- **July 11, 2007:** The WEQ ESS/ITS and BPS met via conference call with the NERC ATC Drafting Team. During this call, The ESS/ITS and BPS presented the NERC Drafting Team with the comment drafted in the June 22, 2007 meeting concerning the "publicly available" requirement. The NERC Drafting Team took the comment under advisement. The NERC Team reviewed the NAESB responses to the NERC comments regarding the "handoff" items to complement MOD001; MOD028-MOD030; MOD004 and MOD008. The group addressed the responses and developed a strategy to resolve the issues presented. The NERC team reviewed and approved of the draft business practice standards for an ATC information link drafted to complement MOD001, MOD004, MOD008, MOD028, MOD029, and MOD030. The NERC team also reviewed and approved the language drafted by the ESS/ITS and BPS to incorporate what used to be NERC MOD003 into a NAESB business practice standard.
- **July 13, 2007:** The ESS/ITS met via conference call on July 13, 2007. During this call, the subcommittee reviewed the latest drafts of the OASIS S&CP, OASIS S&CP Data Dictionary, and OASIS S&CP Implementation Guide that included the Group 1 items of the Order 890 Work Plan and the additional functionality for conditional firm.
- **July 19, 2007:** The WEQ ESS/ITS and BPS met via conference call with the NERC ATC Drafting Team. During this call, the NERC ATC Drafting Team reviewed comments they had received on MOD001, MOD004, and MOD008. The two groups discussed their roles in developing the methodologies and calculations for ATC, and NERC requested that the ESS/ITS and BPS develop a list of information that should not be made "publicly available".
- **July 23-24, 2007:** The WEQ ESS/ITS and BPS met in Houston, Texas, hosted by NAESB on July 23-24, 2007. During this meeting, the group reviewed the Changes to SOC to Comply with Order 890 concerning CBM and TRM. The group also discussed comments submitted by EPSA regarding CBM and TRM. The subcommittee voted to post the Draft Modifications to WEQ 001 to Address Order 890 for informal comment. The group also began drafting a list of items that will be used for ATC calculations but will not be made "publicly available".
- **July 24-25, 2007:** The ESS/ITS met in Houston, Texas on July 24-25, 2007, hosted by NAESB. During this meeting, the group continued to modify the drafts of the OASIS S&CP, OASIS Data Dictionary, and the OASIS Implementation Guide to address Order 890. The group voted to post the Draft Recommendation Annul Plan 2(ii) with the modified documents as attachments for informal comment until August 14, 2007. The ESS/ITS also reviewed and made a few modifications to WEQ 001-1.6 and WEQ 001-1.7.

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- **August 7, 2007:** The WEQ ESS/ITS met via conference call on August 7, 2007. During this call the ESS/ITS reviewed, the OASIS S&CP, OASIS Data Dictionary, and the OASIS Implementation Guide, and made a few modifications based upon comments made by a FERC representative in attendance during a WEQ JISWG conference call the week prior. The group also reviewed the Order 890 work plan to determine the group's status and the group's next steps. The WEQ JISWG met with the ESS/ITS during the final hour of the conference call to discuss the finalization of the e-Tag specification design concerning conditional firm.
- **August 9, 2007:** The WEQ ESS/ITS and BPS met via conference call with the NERC ATC Drafting Team on August 9. During this meeting, the group reviewed the EPSA comments regarding CBM and TRM. The teams went through the comments and identified which areas should be managed on the NERC side and which should be managed on the NAESB side..
- **August 15, 2007:** The WEQ ESS/ITS met in Colorado Springs, Colorado, hosted by El Paso Western Pipelines on August 15, 2007. During the meeting the group began to review informal comments submitted on the Draft Recommendation Annual Plan 2(ii) (modifications to the WEQ OASIS S&CPs; OASIS S&CP Data Dictionary; and OASIS Implementation Guide to include modifications needed for Order 890 Group 1 (Annotations for ATC; Load Forecast and Actual Load; Re-Bid of Partial Service; Conditional Firm; and Preconfirmation of Priority)), and it's attachments.
- **August 16-17, 2007:** The WEQ ESS/ITS and BPS met in Colorado Springs, Colorado hosted by El Paso Western Pipelines. During this meeting, the group reviewed and responded to the NAESB assigned comments submitted by EPSA and other comments submitted in response to the request for informal comments on Order 890 modifications to WEQ 001. The group voted to post Order 890 modifications to WEQ 001 for a 30 day formal comment period. The group also reviewed previously undocumented handoff items from the NERC Drafting Team, updated the status of the Order 890 Work plan, and developed a list of ATC post-backs requested by members of the NERC Drafting Team.
- **August 27, 2007**: The ESS/ITS met via conference call on August 27, 2007 to continue reviewing the comments submitted in response to the request for informal comments on the Draft Recommendation Annual Plan 2(ii) (modifications to the WEQ OASIS S&CPs; OASIS S&CP Data Dictionary; and OASIS Implementation Guide to include modifications needed for Order 890 Group 1 (Annotations for ATC; Load Forecast and Actual Load; Re-Bid of Partial Service; Conditional Firm; and Preconfirmation of Priority)).
- **August 28, 2007:** The WEQ ESS/ITS and BPS met via conference call. During this meeting, the group made a few minor modifications to the list of ATC post backs created in the previous meeting. The group merged the Draft Language for the Procedure for Addressing Available Transfer Capability Methodology (formerly NERC MOD003) with the Language to Complement MOD001, MOD004, MOD008, MOD028, MOD029, and MOD030 and voted to post the document for informal comment. The team also began discussions on drafting business practice standards to address CBM.
- **August 29, 2007:** The WEQ ESS/ITS and BPS met jointly with the NERC ATC Drafting Team on August 29, via conference call and hosted by APPA in Washington, DC. During this meeting, the NERC ATC Drafting Team provided a report on the meeting with FERC Staff on August 27 and noted that NERC plans to modify the timelines for standards development for Order 890. The NAESB subcommittee provided an update on the draft documents created to date.
- **September 10-11, 2007:** The ESS/ITS met on September 10-11, 2007 at NAESB's offices in Houston, Texas. The meeting times are 12:00 PM to 5:00 PM on September 10 and 9:00 AM to 12:00 PM on September 11. The agenda for this meeting includes: review of draft Minor Corrections to Recommendation R07002 (Request to divide the OASIS S&CP into two documents: The S&CP and 2) an Implementation Guide) submitted by Mr. Skiba; continue to review the comments submitted in response to the request for informal comments on the draft Recommendation for

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Annual Plan Item 2(ii) (modifications to the WEQ OASIS S&CPs; OASIS S&CP Data Dictionary; and OASIS Implementation Guide to include modifications needed for Order 890 Group 1 (Annotations for ATC; Load Forecast and Actual Load; Re-Bid of Partial Service; Conditional Firm; and Preconfirmation of Priority)); discuss potential modifications to the NAESB OASIS business practice standards (WEQ 001) to be made in conjunction with the changes to the S&CPS (WEQ 002), Implementation Guide (WEQ 013), and Data Dictionary (WEQ 003) for the Group 1 items listed above; and review and discuss the priority, scope, and targets for Groups 2, 3, and 4 of the Order 890 Work Plan.

- **September 11-12, 2007:** The WEQ ESS/ITS and BPS met in Houston, Texas hosted by NAESB. During the meeting the Subcommittee reviewed the Postback List with Sorted Tables and made modifications identified by the participants offline, The group also reviewed and responded to the comments submitted in response to the Language to Complement MOD001, MOD004, MOD008, MOD028, MOD029, MOD030, and to incorporate NERC MOD003 Language. A discussion on how to address CBM was initiated, and the group modified the Order 890 Work Plan to reflect the group's progress.
- **September 12, 2007:** The ESS/ITS and BPS met jointly with the NERC ATC Drafting Team in Houston, Texas on September 12 from 1:00 PM to 5:00 PM Central. During the meeting the Subcommittee presented the Drafting Team with it's updated Postback List, the Language to Complement MOD001, MOD004, MOD008, MOD028, MOD029, MOD030, and to incorporate NERC MOD003 Language, and the work paper created to begin addressing CBM. The Drafting Team also presented the Subcommittee with the progress on the modifications to the NERC reliability standards for ATC
- **September 18, 2007**: The ESS/ITS and BPS met via conference call on September 18. During the meeting the Subcommittee made a few modifications, and voted to accept the proposed minor corrections to the standard adopted in Final Action R07002 (Request to divide the OASIS S&CP into two documents: The S&CP and 2) an Implementation Guide). The group also continued their discussions to address CBM, and distributed assignments to participants to address the identified NAESB only issues, which do not require coordination with NERC.
- **September 25, 2007**: The ESS/ITS met via conference call with web conferencing on September 25, 2007. During the meeting, the Subcommittee reviewed the comments submitted in response to the attachments that will be considered in the Recommendation for WEQ 2007 Annual Plan Item 2(a)(ii), i.e. the OASIS S&CP (WEQ 002), the OASIS Data Dictionary (WEQ 003), and the OASIS Implementation Guide (WEQ 013). The group made a few modifications to the documents and voted to send them to the WEQ Executive Committee after the thirty-day comment period.
- **October 9, 2007**: The ESS/ITS met at NAESB's offices in Houston, Texas on October 9, 2007 from 9:00 AM to 5:00 PM Central. The group began drafting standards to address Groups 2 and 3 of WEQ Order 890. The group also reviewed the proposed checklist for WEQ PKI certification and decided to table this issue until next meeting and then have a vote on certification.
- **October 10, 2007:** The ESS/ITS met at NAESB's offices in Houston, Texas on October 10, 2007 to review posting of load forecasts and peak load data, comments provided on NAESB Annual Plan item 2C, responses and questions from the NERC ATC drafting team on CBM.
- **October 25, 2007:** The ESS/ITS and BPS met in October 25 to review the list of ATC information not to be made publicly available, along with the draft CBM requirements, the ATC-TTC narratives, and MOD001, MOD004, MOD008, MOD028, MOD029 and MOD030.
- **November 1, 2007:** The ESS/ITS met via conference call to discuss PKI certification, the implication to the Order 890 work plan, continue drafting the Group 2 Order 890 standards and to begin drafting Group 3 standards. The group was also to review the proposed Appendix C.

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- **November 7, 2007:** The ESS/ITS and BPS met in conjunction with the WEQ EC regarding review of the latest NERC MODs, the responses to comments drafted by the ATC Drafting Team, and update to the NAESB Handoff List. review the availability of ATC Information on OASIS based on the NERC ATC Reliability Standards, review NAESB working documents on Auditing CBM Usage, Explanations of changes in monthly and yearly ATC values, Underlying load forecast assumptions, and review questions by the NAESB ESS/ITS and BPS regarding underlying load forecasts (Order 890 Paragraphs 413 and 416) for Actual daily peak load postings on OASIS. Also included was a review NAESB and NERC Timelines for addressing Order 890, and additional items as requested by the NERC ATC Drafting Team.
- **November 8, 2007:** The ESS/ITS met in conjunction with the WEQ EC in Houston to discuss Order 890 issues for conditional firm service, group 1 standards development, group 2 standards development and review of Appendix C exceptions.
- **November 9, 2007:** Requests for comments were solicited on CBM requirements, due November 16.
- **November 19, 2007:** The ESS/ITS met with the BPS to discuss CBM requirements and comments received, complete the list of ATC information that will not be made publicly available, and a summary of the comments on WEQ-001.
- **November 20, 2007:** The ESS/ITS met via conference call to discuss ESS/ITS Annual Plan Detail Breakdown, Review requirements: Rebid of Partial Service, Review Pre-confirmation Priority Requirements, Review Group 2 revised requirements and draft recommendation, and Review revised WEQ Appendix C (exceptions) and draft recommendation.
- **November 26, 2007:** The ESS/ITS met via conference call to continue the meeting on November 20, with agenda topics including : review the comments submitted in response to request for informal comments on the CBM Auditing Requirements, completion of the List of ATC Information that will not be made publicly available on OASIS, review the business practice standards that will set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC (TTC) values on a constrained path" (Annotations), and review the Summary of Comments on the WEQ 001 modifications to address Order 890.
- **Planned, December 3, 2007:** request for comments solicited for December 5, 2007 on rebids of partial service and updates to address reconfirmation priority.
- **Planned, December 6, 2007:** The ESS/ITS group is scheduled to meet in North Carolina to discuss comments received from bids of partial service and updates to address reconfirmation priority, and to discuss Order 890 plan updates, and NITS displacement concepts..
- **Planned, December 7, 2007:** The ESS/ITS group is scheduled to meeting with BPS in North Carolina in continue the work of November 26.

NERC/NAESB Joint Interchange Scheduling Working Group

- **February 14, 2007:** The JISWG met jointly with NERC's Interchange subcommittee to explain the e-Tag update and WECC minor change JISWG had approved on January 24.
- **February 26, 2007:** The JISWG met via conference call on February 26 and approved for NERC and NAESB publication for informal industry comments the Draft e-Tagging Functional Specifications, Version 1.8
- **March 5, 2007:** The JISWG met via conference call with the e-Tag software vendors to collect their informal comments on draft Version 1.8.
- **March 9, 2007:** The JISWG again met via conference call with the e-Tag software vendors to collect the remainder of their informal comments on draft Version 1.8.

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- **March 16, 2007:** The JISWG again met via conference call with the e-Tag software vendors to dialogue about the last of their informal comments on draft Version 1.8.
- **March 19, 2007:** The JISWG met via conference call to discuss all comments received on draft Version 1.8 of the e-Tag specification and schema. Members also agreed on an implementation plan to ratify, publish, test and train, culminating in a "go live" of Version 1.8 on December 5, 2007.
- **May 15-16, 2007:** The JISWG met in Houston, TX at the NAESB offices to draft recommendations for several requests. Recommendations were voted out of subcommittee and to the ESS/ITS for the following Requests: R05018 (Revise the e-Tag specification to allow PSEs associated with a transmission segment in the tag optional approval rights); R06026 (Revise WEQ-004 Coordinate Interchange Business Practice Standard requirement 2.2 and the table contained in Appendix A, part B, to exempt WECC); R06025 (Modify Appendix D of WEQ 004 to add an explanation for the terms "required" and "correctable", to add a sentence clarifying that tag data elements are not correctable and are not required, and to make the element of Energy Product Type required) and; R07005 (Request to allow BA's to Adjust Dynamic Schedule Transaction Type Tags within the ATF changes rules.) The team also revised the Coordinate Interchange timing tables to address Request R07007. Recommendation R07007 will be voted out during the June 6th conference call. The JISWG also discussed conditional firm and asked the NAESB team to schedule a joint meeting with the Commission and the ESS/ITS to discuss the design for conditional firm. The team also discussed the implementation plan for e-Tag version 1.8 and took action items to complete necessary implementation documents.
- **June 6, 2007:** The NERC/NAESB JISWG met via conference call to vote out of subcommittee Recommendation R07007. In addition, the team reviewed documents for the implementation of e-Tag Spec version 1.8. NAESB hosted the meeting.
- **June 14, 2007:** The JISWG met jointly with the ESS/ITS to discuss how e-Tag should be modified to implement the CONTINUE FIRM functionality set forth in Order 890. The JISWG also continued to work on the e-Tag Version 1.8 documents.
- **June 19, 2007:** The JISWG met via conference call hosted by NAESB to review the e-Tag Version 1.8 Structured Test Document and Script; finalize the response of the JISWG to the 2nd Set of Comments Submitted to the E-Tag 1.8 Specification, Implementation Plan, and Schema; and update the implementation of e-Tag Version 1.8.
- **July 12, 2007:** The JISWG met in San Diego, CA to review the e-Tag 1.8 implementation plan, discuss the industry tutorial/Q and A/information sharing techniques, and develop a schedule for the interoperability vendor testing. The group also reviewed the JISWG responses to industry comments on recommendation R07007, and undertook to draft two recommendations for submission to NAESB concerning the requirement of a confidentiality agreement for all parties with access to e-Tag information and a implementation device for the "conditional firm" requirements of Order 890.
- **July 30 – August 1, 2007:** The JISWG met in Houston, Texas, hosted by NAESB on July 30 – August 1, 2007. During this meeting the JISWG made a few minor modifications to the Interoperability Test Script based upon vendor requests in preparation for testing, and reviewed and drafted responses to comments on the Specification for Implementation of Conditional firm in e-Tagging. The group also reviewed a draft of the information to be included in the industry tutorial and scheduled times to hold the tutorial. The group drafted a Request for the initiation of standards for submission to NAESB requesting that those with access to e-Tag information execute a confidentiality agreement.
- **August 9, 2007:** The JISWG met via conference call to discuss the results of the vendor interoperability testing. The JISWG members made not of the issues presented by the vendors and will address the issues in the JISWG meeting scheduled for August 29-30, 2007.

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- **August 29, 2007:** JISWG met in Vancouver, B.C. to discuss becoming a NERC Standard Drafting Team for WECC's requested changes to the timing tables; approve the e-Tag 1.8 Project Implementation Plan; revise the slides for the industry-wide tutorials during September; and complete Conditional Firm.
- **September 7, 2007:** The JISWG met via conference call to present an industry wide tutorial on the changes to the current version e-Tag that will be present in Version 1.8. The team went through a PowerPoint presentation and fielded questions from industry participants.
- **September 11, 2007:** The JISWG met via conference call to review the version 1.8 presentation for schema v0.5, and the eTag Tutorial for version 1.8.0.
- **September 25, 2007:** The JISWG met via conference call to review the version 1.8 presentation for schema v0.5, and the eTag Tutorial for version 1.8.0.
- **October 3-4, 2007:** The JISWG met in Houston, Texas at the NAESB offices. During this meeting, the Subcommittee discussed the success of the industry wide tutorial, and created a FAQ document based upon the questions asked during the sessions. The group drafted a list of considerations for the WEQ EC to consider when reviewing the scope of R07013, and created a work plan for the projects to be addressed during 2008. The participants also received a status report on the transition of the EIR from NERC to NAESB, and drafted a request to update the Coordinate Interchange Business Practices, if not included as an Annual Plan Item for the Subcommittee.
- **October 16, 2007:** The JISWG held a conference call on October 16, 2007 to discuss modifications to the data contained in the current registry and a revision to the cutoff plan to include the 1.8 version of the registry.
- **November 9, 2007:** The JISWG held a conference call on November 9, 2007 to discuss performing structured interoperability testing and to summarize the test results .
- **November 15, 2007:** The JISWG held a meeting in San Francisco on November 15, 2007 to discuss eTag version 1.8 including the project implementation plan, the vendor information sharing techniques, the version 1.8 cutover plan and the BA to BA interoperability testing.
- November 26, 2007: The JISWG held a conference call on November 26, 2007 to discuss performing structured interoperability testing and to summarize the test results.

Business Practices Subcommittee

- **January 3, 2007:** The WEQ BPS met to plan for upcoming joint meetings with the NERC TLR Standards Drafting Team. These meetings will be held in January, February, and March in an effort to complete the NERC portion of the TLR post split standards. The subcommittee discussed how the development of the NERC standards could affect the companion NAESB business practices, ratified in April 2006.
- **Planned, January 8, 2007:** The WEQ BPS and ESS/ITS met via conference call jointly to review comments submitted on the Contract Path definition (Item 1D of R05004A). The group also reviewed progress made on work papers drafted to outline the standards language for Item 3E of R05004A. The subcommittee reviewed the progress of the NERC ATC Drafting Team**.**
- **January 9-10, 2007**: The WEQ BPS met jointly with the NERC TLR Drafting Team in Houston, Texas. The grouped helped the NERC team to draft the split of the TLR reliability standards.
- **January 30, 2007:** The ESS/ITS and BPS met jointly via conference call on January 30. During this call, the subcommittees reviewed the draft language for NERC MOD002, and MOD003. The group made comments on MOD003 for review by the NERC ATC Drafting Team. The joint subcommittees also continued to discuss Items 1A and 3E of Request No. R05004A.

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- **February 9, 2007:** The ESS/ITS and BPS met jointly via conference call on February 9. During this meeting, the subcommittees conducted a final review of the draft language for NERC MOD001 scheduled to be posted for comment by NERC on February 15. The subcommittees continued to discuss potential language for Item 1A of Request No. R05004A, discussed draft language for Item 3E, and discussed Items 2 and 3(d) for Request No. R05004A (the CBM Items).
- **March 1-2, 2007**: The ESS/ITS and BPS met jointly with the NERC ATC Drafting Team in Memphis, Tennessee. During this meeting, the joint groups discussed the implications of Order 890 on the work of the NERC ATC Drafting Team; discussed the fact that NERC would like to retire MOD003 in favor of NAESB adopting the business practices covered in MOD003; discussed the protocol for reviewing comments on draft standards per the Joint Development Procedure. The NERC ATC Drafting Team also made assignments on various aspects of ETC and TRM and discussed changes that need to be made to NERC FACs 12 and 13..
- **March 7, 2007:** The ESS/ITS and BPS met jointly via conference call on March 7. During this call, the subcommittees reviewed the Order 890 Matrix and developed a preliminary work plan for the groups to draft business practices to address the ATC items in the Order in addition to drafting complementary standards to the NERC ATC standards.
- **March 19, 2007**: The BPS met via conference call to discuss the progress of the NERC TLR Drafting Team and draft language to address minor changes identified during the last meeting with the NERC TLR Drafting Team including a revision to TLR Level 5A. The team copied language for Reallocation from TLR level 3A and modified it for a Reallocation under a TLR Level 5A. The WEQ BPS will review these changes with the NERC TLR Standards Drafting Team at the next joint meeting.
- **March 23, 2007**: The ESS/ITS and BPS met jointly with the NERC ATC Drafting Team via conference call on March 23. The NAESB ESS/ITS and BPS participants provided comments on the draft of NERC MOD008 and the NERC ATC Drafting Team to assigned teams to draft responses to any comments that are received on MOD001.
- **April 17, 2007:** The ESS/ITS and BPS met jointly at NAESB's offices in Houston, Texas. The team reviewed draft language for business practices to incorporate the requirements of NERC MOD003 (NERC plans to retire this standard). The team posted that language for an informal round of comments. Comments submitted will be considered by the team during their May 3rd conference call.
- **April 23, 2007:** The WEQ BPS and ESS/ITS met jointly with the NERC ATC Standards Drafting Team in Houston, TX to review comments submitted on NERC MOD-001. The team noted commercial issues identified in those comments, and the NERC chart on comments was updated to include action items for the NAESB team. This chart is posted on the NAESB website at http://www.naesb.org/pdf2/weq_atc_afc042307a4.doc. Most action items identified for the NAESB team were the corresponding posting requirements for MOD-001. In addition, the team discussed a web-ex to be held by NERC for the industry to explain the upcoming changes to be implemented under the revised MOD-001. The NAESB team reviewed language drafted for NERC MOD-003, recently posted for an informal comment period. It is NERC's plan to retire MOD-003 and for the standard to be held at NAESB. Comments on this language are due May 1, 2007.
- **May 1, 2007:** The WEQ BPS considered the minor corrections identified by the joint NERC/NAESB TLR team on April 18-19, 2007. Those minor corrections were voted out of the subcommittee and will be posted to the WEQ Executive Committee. The WEQ BPS discussed the upcoming schedule of meetings for summer 2007.
- **May 3, 2007:** The WEQ BPS and ESS/ITS met via conference call and reviewed comments submitted on the standards language drafted for NERC MOD-003. The team considered four options that were a compromise of the input of the meeting participants and the comments submitted. An action item was taken by the chair of the group to develop language that was a compromise of those options. This document will be reviewed by the team and prior to submitting the language as a Recommendation.

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- **May 10, 2007:** The WEQ BPS and ESS/ITS met jointly via conference call and began reviewing NERC MOD-001 to draft the corresponding ATC/AFC posting requirements for OASIS. The team noted in the document where posting requirements were necessary. They will continue the review and the drafting of the business practices at the next conference call.
- **May 17, 2007:** The WEQ BPS and ESS/ITS met jointly with the NERC ATC Drafting Team in Atlanta, Georgia to review and update each other on progress made regarding standards development for Order No. 890. During this meeting, the participants reviewed the draft NERC Standards for ATC, CBM, and TRM and determined where there would be "hand-offs" to NAESB for business practice standards development.
- **May 18, 2007:** The WEQ BPS and ESS/ITS met jointly via conference call to review the decisions made and the action items taken during the May 17, 2007 joint NERC/NAESB ATC meeting. The group reviewed the reviewed the revised NERC MOD-001 and noted the changes made. In addition, the group reviewed the requirements and made notes of questions to the NERC team concerning the posting requirements for the MOD. The team did the same for NERC MOD-028. NAESB will review these comments with the NERC team. The comments are noted in the work papers from the meeting.
- **June 1, 2007:** The WEQ BPS and ESS/ITS met jointly in Charlotte, NC to continue to identify the posting requirements set forth in NERC MOD-001 MOD-028; MOD-029; MOD030; MOD004; and MOD008. The subcommittee also reviewed and modified the order 890 Work Plan to scope and direct how the ESS/ITS will address the directives to modify OASIS in Order 890.
- **June 11, 2007:** The WEQ ESS/ITS and BPS met via conference call on June 11, 2007. During this call, the ESS/ITS and BPS reviewed draft language for NAESB "handoff" items to complement the draft NERC reliability standards for MOD001; MOD0028; MOD029; MOD030; MOD004; and MOD008 and also began drafting language to set forth the procedure for input on Total Transfer Capability (TTC) and ATC methodologies and values (previously NERC MOD003).
- **June 13, 2007:** The WEQ ESS/ITS and BPS met jointly with the NERC ATC Drafting Team in San Francisco, CA hosted by NERC on June 13. During this meeting, the NAESB ESS/ITS and BPS reviewed the NAESB "handoff" items with the NERC ATC Drafting Team and presented questions drafted by the ESS/ITS and BPS regarding the language in the draft NERC MODs. The ESS/ITS and BPS also presented the draft language for the procedure for input on Total Transfer Capability (TTC) and ATC methodologies and values (previously NERC MOD003)
- **June 22, 2007:** The WEQ ESS/ITS and BPS met by conference call. The Subcommittee reviewed the NERC comments to the draft language for the procedure for input on Total Transfer Capability (TTC) and ATC methodologies and values (previously NERC MOD003). Modifications to the draft were made in response to the NERC comments. The group also drafted a comment to submit to the NERC ATC Drafting Team stating their concerns regarding the "publicly available" requirement of the reliability standard. The group made a few minor corrections the draft language to complement NERC MOD001 and MOD028, and drafted responses to the comments submitted by NERC regarding the "handoff" items to complement MOD001; MOD028-MOD030; MOD004 and MOD008.
- **July 6, 2007:** The ESS/ITS and BPS met via conference call on July 6, 2007. During this call, the subcommittees finalized the documents that would be presented to the NERC ATC Drafting Team for review and comment on July 6. The documents that were reviewed included the draft language for the ATC posting requirements to complement the NERC standards MOD001, MOD004, MOD008, and MOD028-030; the language drafted to incorporate NERC MOD003 into a NAESB business practice. The ESS/ITS and BPS updated the "Handoff List' to include additional question/comments on the NERC draft reliability standards.
- **July 11, 2007:** The WEQ ESS/ITS and BPS met via conference call with the NERC ATC Drafting Team. During this call, The ESS/ITS and BPS presented the NERC Drafting Team with the comment drafted in the June 22, 2007

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meeting concerning the "publicly available" requirement. The NERC Drafting Team took the comment under advisement. The NERC Team reviewed the NAESB responses to the NERC comments regarding the "handoff" items to complement MOD001; MOD028-MOD030; MOD004 and MOD008. The group addressed the responses and developed a strategy to resolve the issues presented. The NERC team reviewed and approved of the draft business practice standards for an ATC information link drafted to complement MOD001, MOD004, MOD008, MOD028, MOD029, and MOD030. The NERC team also reviewed and approved the language drafted by the ESS/ITS and BPS to incorporate what used to be NERC MOD003 into a NAESB business practice standard.

- **July 19, 2007:** The WEQ ESS/ITS and BPS met via conference call with the NERC ATC Drafting Team. During this call, the NERC ATC Drafting Team reviewed comments they had received on MOD001, MOD004, and MOD008. The two groups discussed their roles in developing the methodologies and calculations for ATC, and NERC requested that the ESS/ITS and BPS develop a list of information that should not be made "publicly available".
- **July 23-24, 2007:** The WEQ ESS/ITS and BPS met in Houston, Texas, hosted by NAESB on July 23-24, 2007. During this meeting, the group reviewed the Changes to SOC to Comply with Order 890 concerning CBM and TRM. The group also discussed comments submitted by EPSA regarding CBM and TRM. The subcommittee voted to post the Draft Modifications to WEQ 001 to Address Order 890 for informal comment. The group also began drafting a list of items that will be used for ATC calculations but will not be made "publicly available".
- **August 9, 2007:** The WEQ ESS/ITS and BPS met via conference call with the NERC ATC Drafting Team on August 9. During this meeting, the group reviewed the EPSA comments regarding CBM and TRM. The teams went through the comments and identified which areas should be managed on the NERC side and which should be managed on the NAESB side.
- **August 16-17, 2007:** The WEQ ESS/ITS and BPS met in Colorado Springs, Colorado hosted by El Paso Western Pipelines. During this meeting, the group reviewed and responded to the NAESB assigned comments submitted by EPSA and other comments submitted in response to the request for informal comments on Order 890 modifications to WEQ 001. The group voted to post Order 890 modifications to WEQ 001 for a 30 day formal comment period. The group also reviewed previously undocumented handoff items from the NERC Drafting Team, updated the status of the Order 890 Work plan, and developed a list of ATC post-backs requested by members of the NERC Drafting Team.
- **August 22-23, 2007:** The teams met in Carmel, Indiana hosted by Midwest ISO to continue Phase III work. During the meeting, the group revisited the severity guidelines of the NERC Compliance Guidelines document, and continued work on IRO-006-5. The group heard presentations on the WECC and ERCOT, and continued discussions on the issue of regional applicability. The team also discussed the possibility of creating a TLR training module. A future meeting was scheduled in Washington D.C. on November 27-28, 2007 to continue the Phase III work.
- **August 28, 2007:** The WEQ ESS/ITS and BPS met via conference call. During this meeting, the group made a few minor modifications to the list of ATC post backs created in the previous meeting. The group merged the Draft Language for the Procedure for Addressing Available Transfer Capability Methodology (formerly NERC MOD003) with the Language to Complement MOD001, MOD004, MOD008, MOD028, MOD029, and MOD030 and voted to post the document for informal comment. The team also began discussions on drafting business practice standards to address CBM.
- **August 29, 2007:** Ballots for NERC IRO-006-4 were due to NERC and 93.52% voted in favor. The standard will proceed to recirculation ballot.
- **August 29, 2007:** The WEQ ESS/ITS and BPS met jointly with the NERC ATC Drafting Team on August 29, via conference call and hosted by APPA in Washington, DC. During this meeting, the NERC ATC Drafting Team provided a report on the meeting with FERC Staff on August 27 and noted that NERC plans to modify the timelines

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for standards development for Order 890. The NAESB subcommittee provided an update on the draft documents created to date.

- **September 6, 2007:** The team met via conference call to overview the comments submitted in response to NERC IRO-006-4, and distribute assignments based upon the comments. The team noted the 90% approval of the standard and due to the limited number of comments submitted in response to the standard, the group decided to review the responses drafted offline by members of the Drafting Team. The group made a few minor modifications to these responses for clarity purposes and agreed to forgo the conference call on September 13, 2007 originally scheduled to draft responses to comments. The team also agreed to make any other minor modifications to the responses through email, and to have those modifications complete by close of business on September 10, 2007. The standard with responses to comments will be placed on a 10 day recirculation ballot before being presented to the NERC board. It is the expectation at this time that the recirculation ballots will be distributed during the week of September 10, 2007.
- **September 11-12, 2007**: The ESS/ITS and BPS met at NAESB's offices in Houston, Texas. During the meeting the Subcommittee reviewed the Postback List with Sorted Tables and made modifications identified by the participants offline, The group also reviewed and responded to the comments submitted in response to the Language to Complement MOD001, MOD004, MOD008, MOD028, MOD029, MOD030, and to incorporate NERC MOD003 Language. A discussion on how to address CBM was initiated, and the group modified the Order 890 Work Plan to reflect the group's progress.
- **September 12, 2007:** The ESS/ITS and BPS met jointly with the NERC ATC Drafting Team in Houston, Texas on September 12 from 1:00 PM to 5:00 PM Central. During the meeting the Subcommittee presented the Drafting Team with it's updated Postback List, the Language to Complement MOD001, MOD004, MOD008, MOD028, MOD029, MOD030, and to incorporate NERC MOD003 Language, and the work paper created to begin addressing CBM. The Drafting Team also presented the Subcommittee with the progress on the modifications to the NERC reliability standards for ATC
- **September 18, 2007**: The ESS/ITS and BPS met via conference call on September 18. During the meeting the Subcommittee made a few modifications, and voted to accept the proposed minor corrections to the standard adopted in Final Action R07002 (Request to divide the OASIS S&CP into two documents: The S&CP and 2) an Implementation Guide). The group also continued their discussions to address CBM, and distributed assignments to participants to address the identified NAESB only issues, which do not require coordination with NERC.
- **October 4-5, 2007:** Joint NAESB WEQ BPS and NERC TLR Drafting Team meeting was held on October 4-5, 2007 hosted by NERC. The group reviewed detailed flow charts on current TLR and revised wording of reliability standard.
- **October 10, 2007**: The ESS/ITS and BPS is met at NAESB's offices in Houston, Texas on October 10, 2007 from 9:00 AM to 5:00 PM Central. The group reviewed and responded to the posted questions from NERC on the ATC DT about CBM. The group also reviewed and responded to WEQ 2007 Annual Plan Item 2(c) – Order 890 Modifications to WEQ 001. The group also reviewed and responded to work papers submitted on the ATC standards developments.
- **October 15, 2007:** The WEQ BPS met via conference call on October 15, 2007 to consider a proposed minor correction to the existing TLR business practices to correct the references to the NERC TLR standards to reflect the most current version.
- **October 25, 2007:** The ESS/ITS and BPS met via conference call on October 25 from 10:00 AM to 3:00 PM Central. The topics to be covered were ATC standards work papers that are not interdependent with NERC work products (CBM auditing, posting requirements for TRM, and ATC-TTC narrative background).
- **November 27, 2007**: The ESS/ITS and BPS met with the NERC TLR drafting team to identify phase III changes, review IRO-006-5 revisions for the TLR procedures for the eastern interconnection, and to determine how best to

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proceed for the future path for TLR. In addition, to be discussed was the market flow threshold field test and the TLR flowchart diagram.

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890-211. As TDU Systems note, there is neither a definition of AFC in NERC's Glossary nor an existing reliability standard that discusses the AFC method. In order to achieve consistency in each component of the ATC calculation (discussed below), we direct public utilities, working through NERC, to develop an AFC definition and requirements used to identify a particular set of transmission facilities as a flowgate. However, we remind transmission providers that our regulations require the posting of ATC values associated with a particular path, not AFC values associated with a flowgate. Transmission providers using an AFC methodology must therefore convert flowgate (AFC) values into path (ATC) values for OASIS posting. In order to have consistent posting of the ATC, TTC, CBM, and TRM values on OASIS, we direct public utilities, working through NERC, to develop in the MOD-001 standard a rule to convert AFC into ATC values to be used by transmission providers that currently use the flowgate methodology.	NERC is developing both the definition of a flowgate and the process for converting AFCs into ATCs as part of its MOD-030 Standard, which describes the use of the Flowgate Network Response methodology.	RELIABILITY STANDARD ONLY
890-212. The Commission also believes that further clarification is necessary regarding the calculation algorithms for firm and non-firm ATC.Currently, NERC has no standards for calculating non-firm ATC. We find that the same potential for discrimination exists for non-firm transmission service as for firm service and that greater uniformity in both firm and non-firm ATC calculations will substantially reduce the remaining potential for undue discrimination. Therefore, we direct public utilities, working through NERC, to modify related ATC standards by implementing the following principles for firm and non-firm ATC calculations: (1) for firm ATC calculations, the transmission provider shall account only for firm commitments; and (2) for non-firm ATC calculations, the transmission provider shall account for both firm and non-firm commitments, postbacks of redirected services, unscheduled service, and counterflows. We understand that these principles are currently followed by most transmission providers and believe they should be clearly set forth in the ATC-related reliability standards. As described below, each transmission provider's Attachment C must include a detailed formula for both firm and non-firm ATC, consistent with the modified ATC-related reliability standards.	NERC is incorporating these requirements into its MOD-028, MOD-029, and MOD-030 standards.	RELIABILITY STANDARD ONLY

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890-223. With respect to a timeline for completion, the Commission concurs with NERC that a significant amount of work remains to be done on ATC-related reliability standards development. We also agree with the many commenters who state that the NOPR's proposed six-month timeline is too short for such a complex assignment. Although NERC projects that it may be able to complete the process by the summer of 2007 (which is approximately six months from the date of the Final Rule), we believe NERC should have additional flexibility with respect to its timeline. Accordingly, we direct public utilities, working through NERC, to modify the ATC-related reliability standards within 270 days after the publication of the Final Rule in the Federal Register. We also direct public utilities to work through NAESB to develop business practices that complement NERC's new reliability standards within 360 days after the publication of the Final Rule in the Federal Register. Finally, we direct NERC and NAESB to file, within 90 days of publication of the Final Rule in the Federal Register, a joint status report on standards and business practices development and a work plan for completion of this task within the timeframe established above.	Both parties are working on their appropriate deliverables, and this filing represents the requested Status Report.	
890-237. The Commission adopts the NOPR proposal and directs public utilities, working through NERC, to develop consistent practices for calculating TTC/TFC. We direct public utilities, working through NERC, to address, through the reliability standards process, any differences in developing TTC/TFC for transmission provided under the pro forma OATT and for transfer capability for native load and reliability assessment studies.	NERC is developing processes for determining TTC or TFC in each of the three methodologies currently under development (MOD-028, MOD-029, and MOD-030).	NAESB is working to determine what complementary business practices are necessary.
890-243. To achieve greater consistency in ETC calculations and further reduce the potential for undue discrimination, the Commission adopts the NOPR proposal and directs public utilities, working through NERC and NAESB, to develop a consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses. We expect that NERC will address ETC through the MOD-001 reliability standard rather than through a separate reliability standard. By using MOD-001, the ETC calculation can be adjusted to be applicable to each of the three ATC methodologies under development by NERC.	NERC is developing processes for determining the impact of Native Load in each of the three methodologies currently under development (MOD-028, MOD-029, and MOD-030). This is due to the fact that each method treats native load, and consequently the remaining portions of ETC, differently.	NAESB is working to determine what complementary business practices are necessary.

NAESB UPDATE: ORDER 890 – STRATEGY OF NERC/NAESB ASSIGNMENTS
UNCHANGED SINCE SEPTEMBER 10, 2007

Order Citation	NERC Response	NAESB Response
890-244. In order to provide specific direction to public utilities and NERC, we determine that ETC should be defined to include committed uses of the transmission system, including (1) native load commitments (including network service), (2) grandfathered transmission rights, (3) appropriate point-to-point reservations, (4) rollover rights associated with long-term firm service, and (5) other uses identified through the NERC process. ETC should not be used to set aside transfer capability for any type of planning or contingency reserve, which are to be addressed through CBM and TRM. In addition, in the short-term ATC calculation, all reserved but unused transfer capability (non-scheduled) shall be released as non-firm ATC.	NERC is developing definitions of ETC in each of the three methodologies currently under development (MOD-028, MOD-029, and MOD-030).	NAESB is working to determine what complementary business practices are necessary.
890-245. We agree with TDU Systems that inclusion of all requests for transmission service in ETC would likely overstate usage of the system and understate ATC. We therefore find 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 POR. This will prevent overly unrealistic utilization of transmission capacity associated with power output from a generator identified as a POR. We direct public utilities, working through NERC, to develop requirements in MOD-001 that lay out clear instructions on how these reservations should be accounted. One approach that could be used is examining historical patterns of actual reservation use during a particular season, month, or time of day.	NERC is developing mechanisms to address this in each of the three methodologies currently under development (MOD-028, MOD-029, and MOD-030).	NAESB is working to determine what complementary business practices are necessary.
890-246. We agree with NERC that some elements of ETC are candidates for business practices rather than reliability standards. Accordingly, we direct public utilities, working through NAESB, to develop business practices necessary for full implementation of the developed MOD-001 reliability standard.	NERC is developing definitions of ETC in each of the three methodologies currently under development (MOD-028, MOD-029, and MOD-030). As we identify areas in which coordination with NAESB is required, we will do so.	NAESB is working to determine what complementary business practices are necessary.
890-257. The Commission therefore adopts a combination of the NOPR options one and two, and declines to adopt option three. First, we require public utilities, working through NERC and NAESB, to develop clear standards for how the CBM value shall be determined, allocated across transmission paths, and used. We understand that NERC has already begun the process of modifying several of the CBM-related reliability standards and that the drafting process is a joint project with NAESB.	NERC is currently developing MOD-004 to address the determination of CBM, as well as allocation of CBM across paths and usage of CBM.	NAESB is working to determine what complementary business practices are necessary.

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Order Citation	NERC Response	NAESB Response
890-259. To ensure CBM is used for its intended purpose, CBM shall only be used to allow an LSE to meet its generation reliability criteria. Consistent with Duke's statement, we clarify that each LSE within a transmission provider's control area has the right to request the transmission provider to set aside transfer capability as CBM for the LSE to meet its historical, state, RTO, or regional generation reliability criteria requirement such as reserve margin, loss of load probability (LOLP), the loss of largest units, etc.	NERC is currently developing MOD-004 to state this requirement clearly.	NAESB is working to determine what complementary business practices are necessary.
890-260. We direct public utilities, working through NERC, to develop clear requirements for allocating CBM over transmission paths and flowgates. While we do not mandate a particular methodology for allocating CBM to paths and flowgates, one approach could be based on the location of the outside resources or spot market hubs that an LSE has historically relied on during emergencies resulting from an energy deficiency.	NERC is currently developing MOD-004 to address the as allocation of CBM across paths.	NAESB is working to determine what complementary business practices are necessary.
890-262. Concerning TAPS' proposal to remove the reservation decision from the sole discretion of transmission providers, we determine that LSEs should be permitted to call for use of CBM, if they do so pursuant to conditions established in the reliability standards development process. We direct public utilities working through NERC to modify the CBM-related standards to specify the generation deficiency conditions during which an LSE will be allowed to use the transfer capability reserved as CBM. In addition, we direct that transmission set aside as CBM shall be zero in non-firm ATC calculations. Finally, we order public utilities to work with NAESB to develop an OASIS mechanism that will allow for auditing of CBM usage.	NERC is currently developing MOD-004 to specify the generation deficiency conditions during which an LSE can utilize CBM. NERC's MOD-004 Standard, as well as MOD-028, MOD-029, and MOD-030, contain explicit statements that CBM should not be considered ETC in non-firm calculations.	NAESB is developing appropriate Business Practices and S&CP Changes to support the auditing of CBM usage.
890-272. The Commission adopts the NOPR proposal and requires public utilities, working through NERC, to complete the ongoing process of modifying TRM standards MOD-008 and MOD-009. We understand that the standard drafting process is underway as a joint project with NAESB.	NERC is continuing to develop MOD-008. We currently believe that MOD-009 will be incorporated into MOD-008.	NAESB is working to determine what complementary business practices are necessary.

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890-273. The Commission also adopts the NOPR proposal to establish standards specifying the appropriate uses of TRM to guide NERC and NAESB in the drafting process. Transmission providers may set aside TRM for (1) load forecast and load distribution error, (2) variations in facility loadings, (3) uncertainty in transmission system topology, (4) loop flow impact, (5) variations in generation dispatch, (6) automatic sharing of reserves, and (7) other uncertainties as identified through the NERC reliability standards development process. Because load, facility loading and other uncertainties constantly deviate, we will not require that TRM set aside capacity be set at zero in the non-firm ATC calculation. In other words, we will not require transfer capability that is set aside as TRM to be sold on a non-firm basis. We find that clear specification in this Final Rule of the permitted purposes for which entities may reserve CBM and TRM will virtually eliminate double-counting of TRM and CBM.	NERC is developing the MOD-008 standard to meet these requirements.	NAESB is working to determine what complementary business practices are necessary.
890-275. In addition, we direct public utilities, working through NERC, to establish an appropriate maximum TRM. One acceptable method may be to use a percentage of ratings reduction, i.e., model the system assuming all facility ratings are reduced by a specific percentage. This is a relatively simple method and, if adopted as the reliability standard's method, should not restrict a transmission provider from using a more sophisticated method that may allow for greater ATC without reducing overall reliability.	NERC is developing the MOD-008 standard to meet these requirements.	NAESB is working to determine what complementary business practices are necessary.
890-290. The Commission directs public utilities, working through NERC, to modify the reliability standards MOD-010 through MOD-025 to incorporate a requirement for the periodic review and modification of models for (1) load flow base cases with contingency, subsystem, and monitoring files, (2) short circuit data, and (3) transient and dynamic stability simulation data, in order to ensure that they are up to date. This means that the models should be updated and benchmarked to actual events. We find that this requirement is essential in order to have an accurate simulation of the performance of the grid and from which to comparably calculate ATC, therefore increasing transparency and decreasing the potential for undue discrimination by transmission providers.	NERC has already identified these items on its Reliability Standards Work Plan, and will address them along with the associated requirements specified in order 693.	RELIABILITY STANDARD ONLY

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Order Citation	NERC Response	NAESB Response
890-292. The Commission also adopts the NOPR proposal to require transmission providers to use data and modeling assumptions for the short- and long-term ATC calculations that are consistent with that used for the planning of operations and system expansion, respectively, to the maximum extent practicable. This includes, for example: (1) load levels, (2) generation dispatch, (3) transmission and generation facilities maintenance schedules, (4) contingency outages, (5) topology, (6) transmission reservations, (7) assumptions regarding transmission and generation facilities additions and retirements, and (8) counterflows. We find that requiring consistency in the data and modeling assumptions used for ATC calculations will remedy the potential for undue discrimination by eliminating discretion and ensuring comparability in the manner in which a transmission provider operates and plans its system to serve native load and the manner in which it calculates ATC for service to third parties. The Commission directs public utilities, working through NERC, to modify ATC standards to achieve this consistency.	NERC is developing MOD-001, MOD-028, MOD-029, and MOD-030 to specify these requirements.	NAESB is working to determine what complementary business practices are necessary.
890-293. With regard to EPSA's request for the standardization of additional data inputs, we believe they are already captured in the Commission's proposal as adopted in this Final Rule. Xcel asks the Commission to require consistency in the determination of counterflows in the calculation of ATC. Counterflows are included in the list of assumptions that public utilities, working through NERC, are required to make consistent. We believe that counterflows, if treated inconsistently, can adversely affect reliability and competition, depending on how they are accounted for. Accordingly, we reiterate that public utilities, working through NERC and NAESB, are directed to develop an approach for accounting for counterflows, in the relevant ATC standards and business practices. We find unnecessary Xcel's request that we require a date certain for specific issues in the Western Interconnection to be addressed. Above we require public utilities, working through NERC, to modify the ATC standards within 270 days after the publication of the Final Rule in the Federal Register.	NERC has currently specified in its draft standards that utilities must make public the manner in which they account for counterflows.	NAESB is working to determine what complementary business practices are necessary.
890-295. We offer the following clarifications. In response to Southern, we clarify that we require consistent use of assumptions underlying operational planning for short-term ATC and expansion planning for long-term ATC calculation. We also clarify that there must be a consistent basis or approach to determining load levels. For example, one approach may be for transmission providers to calculate load levels using an on- and offpeak model for each month when evaluating yearly service requests and calculating yearly ATC. The same (peak- and off-peak) or alternative approaches may be used for monthly, weekly, daily and hourly ATC calculations. Regardless of the ultimate choice of approach, it is imperative that all transmission providers use the same approach to modeling load levels to enable the meaningful exchange of data among transmission providers. Accordingly, we direct public utilities, working through NERC, to develop consistent requirements for modeling load levels in MOD-001 for the services offered under the pro forma OATT.	NERC is developing MOD-001, MOD-028, MOD-029, and MOD-030 to specify these requirements.	NAESB is working to determine what complementary business practices are necessary.

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890-296. With respect to modeling of generation dispatch, we direct public utilities, working through NERC, to develop requirements in NERC's MOD-001 reliability standard specifying how transmission providers shall determine which generators should be modeled in service, including guidance on how independent generation should be considered. We agree with Ameren that any modeling of base generation dispatch must model generators, including merchant generators, as they are expected to run. Accordingly, we direct public utilities, working through NERC, to revise reliability standard MOD-001 by specifying that base generation dispatch will model (1) all designated network resources and other resources that are committed or have the legal obligation to run, as they are expected to run and (2) uncommitted resources that are deliverable within the control area, economically dispatched as necessary to meet balancing requirements.	NERC is developing MOD-001, MOD-028, MOD-029, and MOD-030 to specify these requirements.	NAESB is working to determine what complementary business practices are necessary.
890-297. Regarding transmission reservations modeling, we direct public utilities, working through NERC, to develop requirements in reliability standard MOD-001 that specify (1) a consistent approach on how to simulate reservations from points of receipt to points of delivery when sources and sinks are unknown and (2) how to model existing reservations.	NERC is developing MOD-001, MOD-028, MOD-029, and MOD-030 to specify these requirements.	NAESB is working to determine what complementary business practices are necessary.
890-301. The Commission adopts the NOPR proposal and requires the development of reliability standards that ensure ATC is calculated at consistent intervals among transmission providers. The Commission thus directs 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. This process must also consider whether ATC should be calculated more frequently for constrained facilities. ATC-related requirements for OASIS posting are discussed below.	NERC is specifying the minimum schedule for calculation of ATC in MOD-001; providers will be allowed to update more frequently if desired.	NAESB will be developing complementary business practices, specifying when providers must post ATC information on the OASIS.

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Order Citation	NERC Response	NAESB Response
890-310. The Commission adopts the NOPR proposal and directs public utilities, working through NERC, to revise the related MOD reliability standards to require the exchange of data and coordination among transmission providers and, working through NAESB, to develop complementary business practices. The following data shall, at a minimum, be exchanged among transmission providers for the purposes of ATC modeling: (1) load levels; (2) transmission planned and contingency outages; (3) generation planned and contingency outages; (4) base generation dispatch; (5) existing transmission reservations, including counterflows; (6) ATC recalculation frequency and times; and (7) source/sink modeling identification. The Commission concludes that the exchange of such data is necessary to support the reforms requiring consistency in the determination of ATC adopted in this Final Rule. As explained above, transmission providers are required to coordinate the calculation of TTC/TFC and ATC/AFC with others and this requires a standard means of exchanging data.	NERC is specifying in MOD-001 that all provider must make this data available for ATC coordination. However, not all methodologies currently require the use of the information.	NAESB will work to develop the data exchange mechanisms for this information.
890-354. The Commission adopts the CBM posting requirements proposed in the NOPR. In doing so, we amend our OASIS regulations to incorporate the directives established in the CBM Order. Accordingly, we require transmission providers to post (and update) the CBM amount for each path. In addition, the Commission requires transmission providers to make any transfer capability set aside for CBM but unused for such purpose available on a non-firm basis and to post this availability on OASIS. Furthermore, the Commission requires transmission providers to post (and update) the TRM values for the paths on which the transmission provider already posts ATC, TTC, and CBM.	NERC's MOD-004 Standard, as well as MOD-028, MOD-029, and MOD-030, contain explicit statements that CBM should not be considered ETC in non-firm calculations.	NAESB will develop the associated OASIS Business Practices and S&CP changes to support this need.

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Order Citation	NERC Response	NAESB Response
890-358. The Commission incorporates into its regulations the requirement in the CBM Order for a transmission provider to periodically reevaluate its transfer capability setaside for CBM. With respect to TAPS' concerns over the effort involved in the reevaluation process, we will require CBM studies to be performed at least every year. This requirement is consistent with the CBM Order, in which the Commission stated that the level of ATC set aside for CBM should be reevaluated periodically to take into account more certain information (such as assumptions that may not have, in fact, materialized). While changes requiring a reevaluation of CBM are longer-term in nature (e.g., installation of a new generator or a long-term outage), quarterly may be too frequent, though two years may be too long and may prevent a portion of the CBM setaside from being released as ATC. Moreover, annual reevaluation is consistent with the current NERC standard being developed in MOD-005. The requirement to evaluate CBM at least every year also is consistent with the CBM Order in that the Commission directed transmission providers to periodically reevaluate their generation reliability needs so as to make known the need for CBM and to post on OASIS their practices in this regard.	NERC will specify this requirement in MOD-004.	RELIABILITY STANDARD ONLY
890-369. The Commission adopts the NOPR proposal, with the modifications discussed below, to 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. Rather than requiring a narrative when a monthly or yearly ATC value changes as a result of transactions being reserved, service ending, or the TTC estimate for the path changing by more than 10 percent, we will require a narrative when a monthly or yearly ATC value changes only as a result of a 10 percent change in TTC. This will reduce the number of ATC changes for which a narrative will be required and address concerns that the new requirement unduly burdens transmission providers. Any remaining burden is justified by the benefit to transmission customers of receiving timely information regarding changes in TTC that result in changes to ATC. In addition, we adopt NAESB's suggestion that posted information 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).	BUSINESS PRACTICE ONLY	NAESB will develop Business Practice Standards to set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC values on a constrained path as set forth in Paragraph 369.

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Order Citation	NERC Response	NAESB Response
890-385. The Commission adopts the NOPR proposal and requires transmission providers and network customers to use OASIS to request designation of new network resources and to terminate designation of network resources. This information shall be posted on OASIS for 90 days and available for audit for a five-year period. Transmission customers thus shall be able to query requests to designate and terminate a network resource. This requirement adds valuable transparency without undue burden, since it is nothing more than maintaining a database of designation requests made and responded to electronically. The Commission orders public utilities, working through NAESB, to develop appropriate templates for OASIS.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs for the posting of designation of new network resources and termination of designation of network resources.
890-389. We affirm our statement in the NOPR proposal acknowledging that transfer capability associated with transmission reservations that are not scheduled in real time is required to be made available as non-firm, and posted on OASIS.	NERC is developing MOD-028, MOD-029, and MOD-030 to specify this requirement.	NAESB is working to determine what complementary business practices are necessary.
890-413. The Commission adopts the proposed requirement to post on OASIS metrics related to the provision of transmission service under the OATT. Specifically, transmission providers must post (1) the number of affiliate versus non-affiliate requests for transmission service that have been rejected and (2) the number of affiliate versus non-affiliate requests for transmission service that have been made. This posting must detail the length of service request (e.g., short-term or long-term) and the type of service requested (e.g., firm point-to-point, non-firm point-to-point or network service). The Commission also will require transmission providers to post their underlying load forecast assumptions for all ATC calculations and, to post on a daily basis, their actual daily peak load for the prior day. The Commission directs transmission providers to work through NAESB to develop standards for consistent methods of posting the new requirements on OASIS.	BUSINESS PRACTICE ONLY	NAESB will develop Business Practice Standards for posting on OASIS of the requirements set forth in Paragraph 413 for the posting of affiliate and non-affiliate request information as well as the underlying load forecast assumptions for all ATC calculations..

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890-416. With regard to posting of load forecasts and actual daily peak load, we conclude that such postings are necessary to provide transparency for transmission customers. We agree with E.ON that RTO and ISO load data needs to be posted at a sufficient granularity to allow for meaningful comparison of control area and LSE load levels. Most RTOs and ISOs post load data for the entire footprint, but few post it on an LSE or control area basis. We therefore direct ISOs and RTOs to post load data for the entire ISO/RTO footprint and for each LSE or control area footprint within the ISO/RTO. This will not create an undue burden on ISOs and RTOs, since the load data for the entire footprint is an aggregation of load data across the LSEs or control areas in the footprint. We also agree with EEI that the peak load applies to system-wide load, including native load. We direct transmission providers to post load forecasts and actual daily peak load for both system-wide load (including native load) and native load, as this data will be useful to customers and regulators. We deny EEI's request for a guarantee that transmission providers will not be held accountable for producing a reasonable load forecast. While we do not intend to penalize transmission providers for failing to account for unforeseen circumstances, we retain our ability to investigate any allegations of manipulation of load forecasts, as this could be used as a means of inappropriately denying requested transmission service.	NERC is developing MOD-001 to address this requirement.	NAESB will develop OASIS Business Practices and S&CPs for the posting requirements set forth in Paragraph 416 for posting of load forecasts and actual daily peak load.
890-815. As with any innovative rate program, however, the Commission will monitor the secondary capacity market to ensure that participants are not exercising market power. To enhance oversight and monitoring by the Commission, we adopt reforms to the underlying rules governing capacity reassignments. First, we require 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 reassigned service commences. The Commission thus eliminates the current ability of transmission customers to assign the transmission rights to another party with subsequent notification to the transmission provider. The mechanisms for negotiating a reassignment remain the same. The transmission customer may either request that the transmission provider make the capacity available on its OASIS or the transmission customer may negotiate the terms of an assignment bilaterally. In either instance, however, the resulting sale or assignment must be posted by the transmission provider on its OASIS prior to the date the reassigned service commences. We require transmission providers working through NAESB to develop appropriate OASIS functionality to allow such postings. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards.	BUSINESS PRACTICE ONLY	NAESB will revise the existing Resales standards to align with Order 890, paragraph 815 and Footnote 496.

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890-1005. The Commission will not mandate the use of network customer resources or other third party resources in the provision of planning redispatch. If they choose, network customers and third parties may voluntarily provide planning redispatch services. A seller is free to post its price to relieve a specific congested transmission facility and its ability to relieve the congestion. To facilitate provision of such service by third parties, we direct transmission providers to modify their OASIS sites to allow for posting of these third party offers. Accordingly, we direct transmission providers to work in conjunction with NAESB to develop this new OASIS functionality and any necessary business practice standards. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1005 for redispatch services.
890-1078. Finally, we address requests to allow for automatic assignment of short-term firm point-to-point service to conditional firm customers. We agree that transmission providers must take into account the conditional firm service in evaluating the availability of short-term firm service. Because conditional firm is a long-term firm use of the system, it should not be interrupted prior to short-term firm service. However, short-term firm service reserved prior to the reservation of conditional firm service should 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. Because the assignment proposal meets both of these objectives, we direct transmission providers to assign short-term firm service to conditional firm customers as the service becomes available. Accordingly, we direct transmission providers to work with NAESB to develop the appropriate communications protocols to implement this attribute of conditional firm service. Transmission providers need not implement this requirement until NAESB develops appropriate communications protocols.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1078 for the communication protocols to implement conditional firm service.

NAESB UPDATE: ORDER 890 – STRATEGY OF NERC/NAESB ASSIGNMENTS
UNCHANGED SINCE SEPTEMBER 10, 2007

Order Citation	NERC Response	NAESB Response
890-1162. Accordingly, to provide greater availability of redispatch information, the Commission adopts certain additional posting requirements for transmission providers. Specifically, we direct each transmission provider to post on OASIS its 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. Additionally, to demonstrate the range of redispatch costs each month, the Commission directs transmission providers to post a high and low redispatch cost for the month for each of these same transmission constraints. The transmission provider shall calculate the monthly average cost in $/MWh for each congested transmission facility by dividing monthly total redispatch costs (at the facility) by the total MWhs that would otherwise be curtailed (at the facility) in the month absent the redispatch. Transmission providers shall 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 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 transmission provider shall 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. We direct transmission providers to work in conjunction with NAESB to develop this new OASIS functionality and any necessary business practice standards.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1162 for redispatch postings.
890-1269. 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). Order No. 676 incorporated the aforementioned standards by reference into the Commission's regulations, required public utilities to implement the standards by July 1, 2006, and required public utilities to file revisions to their OATTs to include these standards. The WEQ Standards include a number of standards addressing requirements for dealing with redirects on both a firm and non-firm basis. All of the WEQ Standards dealing with redirects were adopted by the Commission in Order No. 676, except for WEQ Standard 001-9.7, which addresses the impact of a firm redirect on a long-term firm transmission customer's rollover rights under section 2.2 of the pro forma OATT. The Commission directed the WEQ to reconsider WEQ Standard 001-9.7 and to adopt a revised standard consistent with the Commission's policies. The Commission also offered guidance to assist the WEQ in developing a standard that is consistent with Commission policy	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1269 and will revise WEQ Standard 001-9.7.

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890-1318. We agree, however, with EEI's recommendation that the Commission delegate to NAESB the responsibility for developing the Standard and Communications Protocols, business practices and OASIS modifications that will be necessary to provide the performance metrics adopted above. NAESB is in the best position to develop the standards and the processes by which the performance metrics are posted	BUSINESS PRACTICE ONLY	NAESB will develop S&CPs and necessary OASIS Business Practice Standards to implement the standard performance metrics set forth in Order 890, Paragraphs 1308-1317.
890-1377. The Commission agrees that transmission requests across multiple transmission systems should be coordinated by the relevant transmission providers. We will not, however, amend the pro forma OATT to require such coordination. Rather, we require transmission providers working through NAESB to develop business practice standards related to coordination of requests across multiple transmission systems. In order to provide guidance to NAESB, we will articulate the principles that should govern processing across multiple systems. All the transmission providers involved in a request across multiple systems should consider a request that requires studies across multiple systems to be a single application for purposes of establishing the deadlines for rendering an agreement for service, revising queue status, eliciting deposits and commencing service. In order to preserve the rights of other transmission customers with studies in the queue, the priority for the single application should be based on the latest priority across the transmission providers involved in the multiple system request. We note that regional entities like wesTTrans are already coordinating requests across multiple transmission systems and we believe such coordination is an acceptable solution to this issue.	While it appears this is primarily a business practice, NERC awaits further development on the NAESB Business Practices, to determine what, if any, complementary Reliability Standards are necessary.	NAESB will develop OASIS Business Practice Standards and S&CPs to Paragraph 1377 regarding coordination of transmission requests across multiple systems.

NAESB UPDATE: ORDER 890 – STRATEGY OF NERC/NAESB ASSIGNMENTS
UNCHANGED SINCE SEPTEMBER 10, 2007

Order Citation	NERC Response	NAESB Response
890-1378. We interpret Exelon's request that we require all transmission providers to allow transmission customers to link consecutive requests for firm point-to-point transmission service and to evaluate such requests as a single request as asking us to (1) allow transmission customers to require the transmission provider to either grant service for the entire period, deny service for the entire period, or offer the same partial quantity for the entire period and (2) require the transmission provider to consider the full duration of the linked requests when determining reservation priority pursuant to sections 13.2 of the pro forma OATT (short-term firm point-to-point transmission service). We require 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 is allowed to take the same quantity of service across all linked transmission service requests. Transmission providers need not implement these business practice standards until NAESB develops appropriate standards. We note that the transmission customer should not be required to take the same quantity of service across consecutive transmission service requests, it should simply have the option to do so. On the second issue, we reiterate that, according to existing NAESB business practice standard 001-4.16, the transmission provider is required to consider the full duration of the linked requests when determining reservation priority pursuant to section 13.2 of the pro forma OATT.	BUSINESS PRACTICE ONLY	NAESB will develop OASIS Business Practice Standards and S&CPs for the posting requirements set forth in Paragraph 1378 regarding rebid of partial service.
890-1390. We will not modify the pro forma OATT to address requests to allow the transmission provider to terminate idle transmission service requests. NAESB's business practice 001-4.11 allows the transmission provider to retract a request if the transmission customer does not respond to an acceptance within the time established in NAESB business practice standard 001-4.13. Therefore, we interpret TDU Systems comments to refer to circumstances when a transmission customer fails to respond to the transmission provider's request for additional information during the course of a request study. As discussed above, by the time the transmission provider offers a system impact study agreement, it should have all of the information that it needs to complete the study. Pursuant to section 17.4 of the pro forma OATT, the transmission provider can deem a transmission service request deficient if the transmission customer does not provide all of the information the transmission provider needs to evaluate the request for service. We will revise section 17.7 of the pro forma OATT so that the transmission provider is able to terminate a request for transmission service if a transmission customer that is extending the commencement of service does not pay the required annual reservation fee within 15 days of notifying the transmission provider that it would like to extend the commencement of service. We will not change the pro forma OATT to allow the transmission provider to terminate a transmission service request if the transmission customer changes its application for service. We believe the existing pro forma OATT is sufficient to allow a transmission provider to manage situations where the transmission customer modifies its application for service to the point that the customer is requesting transmission service that is meaningfully different than its initial request	BUSINESS PRACTICE ONLY	NAESB will review existing NAESB Business Practice Standards to determine if modifications should be made to align the standards with Paragraph 1390.

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890-1392. Commenters also suggest changes to the OASIS protocols, including prohibiting transmission customers from changing a request into a pre-confirmed request and requiring OASIS platforms to be accessible on non-Windows/Explorer computers. We believe these issues are best addressed by NAESB.	BUSINESS PRACTICE ONLY	NAESB will develop the OASIS Business Practice Standards and S&CPs to address Paragraph 1392 to prohibit transmission customer from changing a request into a pre-confirmed request and regarding requiring OASIS platforms to be accessible on non-Windows/Explorer computers..
890-1401. The Commission generally agrees with those commenters that argue that giving a priority to pre-confirmed requests can increase the efficient utilization of the system by giving priority to customers who are committed to purchase service over those who have not so committed, including customers that submit multiple requests without any intent to take service if each request is granted. However, we are mindful of concerns that doing so could undermine the Commission's desire to promote longer-term uses of the transmission system, disrupt the study process, or disadvantage transmission customers that are not in the position to pre-confirm their requests. As a result, we will modify the NOPR proposal and give priority only to pre-confirmed non-firm point-to-point transmission service requests and short-term firm point-to-point transmission service requests. In addition, longer duration requests for transmission service will continue to have priority over shorter duration requests for transmission service, with preconfirmation serving as a tie-breaker for requests of equal duration. This policy will still give an advantage to pre-confirmed requests without imposing substantial implementation difficulties or undermining the Commission's goals to encourage longerterm uses of the transmission system. Our revised policy on priority for pre-confirmed requests thus addresses the comments that we should preserve the priority of longer duration requests for transmission service over shorter duration requests for transmission service. For instance, a pre-confirmed daily or hourly request will not preempt a weekly request that has not been pre-confirmed. Pre-confirmed short-term service requests therefore will not have a priority superior to that of long-term service requests that have not been pre-confirmed.	BUSINESS PRACTICE ONLY	NAESB will develop OASIS Business Practice Standards and S&CPs to address the pre-confirmation priority policy set forth in Paragraph 1401 regarding pre-confirmation of priority.

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Order Citation	NERC Response	NAESB Response
890-1407. In response to requests for clarification from MidAmerican and TranServ, we clarify 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. Thus, we decline to adopt TDU Systems' suggestion that the Commission include a time window between acceptance of a request and confirmation of the request, during which a request can not be preempted by a pre-confirmed request for transmission service. This is consistent with our desire to give transmission service first to those customers that are committed to taking the transmission service if it is granted. In the case of monthly firm point-to-point transmission service, the transmission customer has up to four days to confirm an accepted request. This is a potentially long delay when there is another transmission customer that is willing to commit to take the same service. Moreover, this policy is consistent with NAESB business standard 001-4.25, which allows a pre-confirmed request for non-firm point-to-point transmission service to preempt a request of equal duration and lower price that has been accepted but not confirmed.	BUSINESS PRACTICE ONLY	NAESB will develop OASIS Business Practice Standards and S&CPs to address Paragraph 1407 regarding pre-confirmation.
890-1477. We direct transmission providers to develop OASIS functionality to (1) allow all of the information required for a request to designate network resources to be provided electronically, (2) mask information about operating restrictions and generating cost on OASIS, and (3) allow for queries of all information provided with designation requests in accordance with section 37.6 of the Commission's regulations.871 As provided in paragraph 385, we also direct transmission providers to work in conjunction with NAESB to develop business practice standards describing procedural requirements for submitting designations over any new OASIS functionality. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. Prior to implementation of this new OASIS functionality, any information that cannot be provided electronically may be submitted by transmitting the information to the transmission provider by telefax or providing the information by telephone over the transmission provider's time recorded telephone line.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1477 regarding designation of network resources.
890-1504. In response to South Carolina E&G's request, we reiterate that not all of the information required by section 29.2 of the pro forma OATT for designation of a network resource will be made publicly available on OASIS. As discussed above, information about operating restrictions and generating cost will be masked to protect commercially sensitive information. South Carolina E&G has also requested clarification of the Commission's intent with respect to how designated network resource information is posted. Our existing regulations specify the view, download, and query requirements for information posted regarding network resource designations. The details of how those informational postings are accomplished are best left to be determined as part of the NAESB standards development process.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1504 for designation of network resources.

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890-1532. In response to TranServ's request that the exact nature of how the customer would make an attestation should be determined in the NAESB forum, we note that the contents and the specific information that is required to be provided with the attestation are specified in the pro forma OATT, and we are requiring that the attestation be submitted through OASIS with each request to designate a new network resource. The appropriate subject for transmission providers to coordinate with NAESB to resolve is limited to the appropriate formatting of such information to be provided in OASIS. In response to TranServ's request that NAESB should also determine the treatment of OASIS requests where the customer fails to provide the necessary attestation, we point out that we have already directed that such requests are to be found deficient by the transmission provider and treated in accordance with the procedures in section 29.2 of the pro forma OATT.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1532 requiring attestation on OASIS for designation of network resources.
890-1541. We direct transmission providers to develop OASIS functionality and, working through NAESB, business practice standards describing 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. Such OASIS functionality should allow for electronic submittal of the type of termination (temporary or indefinite), the effective date and time of the termination, and identification and capacity of resource(s) or portions thereof to be terminated. For temporary terminations, such OASIS functionality should also allow for electronic submittal of (1) effective date and time of redesignation, following the period of temporary termination; (2) information and attestation for redesignating the network resource following the temporary termination, in accordance with section 30.2 of the pro forma OATT; and (3) identification of any related transmission service requests to be evaluated concomitantly with the request for temporary termination. In response to TranServ's request, we clarify that the request for temporary termination of the resource and the requests for the related transmission service identified in item (3), if any, should be evaluated as a single request, and approved or disapproved as such. We specifically direct transmission providers, working through NAESB, to develop business standards describing the procedures for submitting and processing requests for concomitant evaluations of transmission requests and temporary terminations. When processing such requests, the evaluation of the transmission service requests identified in item (3) should take into account the undesignation of the network resources identified in the request for termination. However, the evaluation of the transmission service requests in item (3) should be processed taking proper account of all competing transmission service requests of higher priority.	BUSINESS PRACTICE ONLY	NAESB will develop the necessary OASIS Business Practice Standards and S&CPs to address Paragraph 1541 regarding termination and undesignation of network resources.

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Order Citation	NERC Response	NAESB Response
890-1627. We agree with suggestions for the posting of additional curtailment information on OASIS and, therefore, require transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Transmission providers need not implement this new OASIS functionality and any related business practices until NAESB develops appropriate standards. These postings must include all circumstances and events contributing to the need for a firm service curtailment, specific services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment. This information is in addition to the Commission's existing requirements: (1) when any transmission is curtailed or interrupted, the transmission provider must post notice of the curtailment or interruption on OASIS, and the transmission provider must state on OASIS the reason why the transaction could not be continued or completed; (2) information to support any such curtailment or interruption, including the operating status of facilities involved in the constraint or interruption, must be maintained for three years and made available upon request to the curtailed or interrupted customer, the Commission's Staff, and any other person who requests it; and, (3) any offer to adjust the operation of the transmission provider's system to restore a curtailed or interrupted transaction must be posted and made available to all curtailed and interrupted transmission customers at the same time.	BUSINESS PRACTICE ONLY	NAESB will develop the OASIS Business Practice Standards and S&CPs to address Paragraph 1627 regarding posting of curtailment information.
693-206. In Order No. 890, the Commission directed public utilities, working through NERC, to modify the ATC-related Reliability Standards within 270 days of publication of Order No. 890 in the Federal Register.98 Our action there affects approximately nine MOD Reliability Standards and one FAC Reliability Standard that are before us in this proceeding. The ERO must submit its revised Work Plan within 90 days of the effective date of the Reliability Standards approved in this order as an informational filing to: (1) reflect modification directives contained in the Final Rule; (2) include the timeline for completion of ATC-related Reliability Standards as ordered in Order No. 890 and (3) account for the views of its stakeholders, including those raised in this proceeding.	NERC will develop an additional status report for the commission, detailing this information, at the time specified.	RELIABILITY STANDARD ONLY
693-1047. In order to increase the transparency of ATC calculations, we adopt the NOPR's proposal and direct the ERO to develop in MOD-001-0 a requirement that each transmission service provider provide on OASIS its OATT Attachment C, in which Order No. 890 requires transmission providers to include a detailed description of the specific mathematical algorithm the transmission provider uses to calculate both firm and nonfirm ATC for various time frames such as: (1) the scheduling horizon (same day and realtime), (2) operating horizon (day ahead and pre-schedule) and (3) planning horizon (beyond the operating horizon). In addition, a transmission provider must include a process flow diagram that describes the various steps that it takes in performing the ATC calculation.	NERC is currently specifying that information used in the ATC process must be made available for posting. However, we are currently proposing to leave the actual posting requirement to NAESB as a business practice.	NAESB is developing business practices requiring posting of these items.

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Order Citation	NERC Response	NAESB Response
693-1057. Accordingly, the Commission neither accepts nor remands MOD-001-0 until the ERO submits additional information. Although the Commission does not propose any action with regard to MOD-001-0, we address above a number of concerns regarding the Reliability Standard, consistent with those set forth in Order No. 890. We direct the ERO to develop modifications to the Reliability Standard through the Reliability Standards development process that: (1) provide a framework for ATC, TTC and ETC calculation, developing industry-wide consistency of all ATC components; (2) require disclosure of algorithms, for both firm and non-firm ATC and processes used in the ATC calculation; (3) identify a detailed list of information to be exchanged among transmission providers for the purposes of ATC modeling; (4) include a requirement that the assumptions used in ATC and AFC calculations should be consistent with those used for planning the expansion or operation of the Bulk-Power System to the maximum extent practicable; (5) include a requirement that ATC be updated by all transmission providers on a consistent time interval; (6) include a requirement that applicable entities make available assumptions and contingencies underlying ATC and TTC calculations; (7) address only ATC/AFC while TTC/TFC should be addressed under transfer capability standards such as FAC-012-1 and (8) identify the applicable entities in terms of users, owners and operators of the Bulk-Power System.	NERC is currently proposing to address all of these items in MOD-001, MOD-028, MOD-029, and MOD-030.	NAESB awaits further development on the NERC standards, to determine what complementary business practices are necessary.
693-1081. We agree with TAPS that there is a need for clearer requirements in the standard regarding to whom and how to submit a request for CBM set-aside, and what the transmission service provider should do if the sum of all CBM requirements exceeds the amount of available transfer capability. We direct the ERO to address the reliability aspects in the Reliability Standards development process and explore with NAESB whether business practices would be required.	NERC is specifying this information in MOD-004.	NAESB is currently developing the mechanisms through which CBM may be requested.

NAESB UPDATE: ORDER 890 – STRATEGY OF NERC/NAESB ASSIGNMENTS
UNCHANGED SINCE SEPTEMBER 10, 2007

Order Citation	NERC Response	NAESB Response
693-1082. Accordingly, the Commission neither accepts nor remands MOD-004-0 until the ERO submits additional information. In the interim, compliance with MOD-004-0 should continue on a voluntary basis, and the Commission considers compliance with the Reliability Standard to be a matter of good utility practice. Although the Commission did not propose any action with regard to MOD-004-0, it addressed above a number of concerns regarding the Reliability Standard, consistent with those set forth in Order No. 890. Therefore, we direct the ERO to develop modifications to the Reliability Standard through the Reliability Standards development process to: (1) clarify that CBM shall be set aside upon request of any LSE within a balancing area to meet its verifiable historical, state, RTO or regional generation reliability criteria; (2) develop requirements regarding transparency of the generation planning studies used to determine CBM value; (3) modify the current Requirements to make clear the process for how CBM is allocated across transmission paths or flowgates; (3) modify its standard in order to prevent setting aside CBM and TRM for the same purposes; (4) modify the standard by adding LSE as an applicable entity and (5) coordinate with NAESB business practice standards.	NERC is specifying this information in MOD-004.	NAESB is working to determine what complementary business practices are necessary. NAESB is currently developing the mechanisms through which CBM may be requested.
693-1105. The Commission approves MOD-006-0 as mandatory and enforceable. In addition, the Commission directs the ERO to develop a modification to Reliability Standard MOD-006-0 through the Reliability Standards development process that: (1) includes a provision that will ensure that CBM and TRM are not used for the same purpose; (2) provides that CBM should be used for emergency generation deficiencies; (3) modifies Requirement R1.2 to define "generation deficiency" based on a specific energy emergency alert level; (4) includes a provision that CBM should have a zero value in the calculation of non-firm ATC and (5) expands the applicability section to include the entities that actually use CBM, such as LSEs.	NERC is specifying this information in MOD-004.	RELIABILITY STANDARD ONLY

NAESB UPDATE: ORDER 890 – STRATEGY OF NERC/NAESB ASSIGNMENTS
UNCHANGED SINCE SEPTEMBER 10, 2007

Order Citation	NERC Response	NAESB Response
693-1122. Consistent with the NOPR proposal and Order No. 890, the Commission directs the ERO to modify standard MOD-008-0 to clarify how TRM should be calculated and allocated across paths or flowgates. We understand that the standards drafting process is underway as a joint project with NAESB. We agree with International Transmission, MidAmerican and MISO about the need for more uniformity and transparency in TRM calculation methodology and use, in order to eliminate potential reliability and discrimination concerns. Consistent with Order No. 890, the Commission directs the ERO to specify the parameters for entities to use in determining uncertainties for which TRM can be set aside and used, such as: (1) load forecast and load distribution error; (2) variations in facility loadings; (3) uncertainty in transmission system topology; (4) loop flow impact; (5) variations in generation dispatch; (6) automatic reserve sharing and (7) other uncertainties as identified through the NERC Reliability Standards development process. We find that clear specification in this Final Rule of the permitted purposes for which entities may reserve CBM and TRM will also virtually eliminate double-counting of TRM and CBM. Therefore, we direct the ERO to determine clear requirements regarding permitted uses for TRM through its Reliability Standards development process.	NERC is specifying this information in MOD-008.	RELIABILITY STANDARD ONLY
693-1126. The Commission neither accepts nor remands MOD-008-0 until the ERO submits additional information. In the interim, compliance with MOD-008-0 should continue on a voluntary basis, and the Commission considers compliance with the Reliability Standard to be a matter of good utility practice. Although the Commission did not propose any action with regard to MOD-008-0, it addressed above a number of concerns regarding the Reliability Standard, consistent with those proposed in Order No. 890. Accordingly, we direct the ERO to develop modifications to the Reliability Standard through the Reliability Standards development process including: (1) clear requirements on how TRM should be calculated, including a methodology for determining the maximum TRM value, and allocated across paths; (2) clear requirements for permitted purposes for which TRM can be set aside and used; (3) clear requirements for availability of documentation that supports TRM determination and (4) expanding the applicability to add planning authorities and reliability coordinators and any other appropriate entity identified in the Reliability Standards development process.	NERC is specifying this information in MOD-008.	RELIABILITY STANDARD ONLY

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	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
ATC GROUP ASSIGNMENTS (ESS/ITS and BPS)				
243, 244, 246, 293	Business Practice Standards complementary to NERC Reliability Standards for **Existing Transfer Capability (ETC)** to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses", including the elements of ETC for full implementation of the NERC MOD-001 reliability standard* Paragraphs 243, 244, and 246 will require coordination with the NERC Order 890 reliability standards development *See also, ESS/ITS Work Plan, Group 1 • Business practice standards for accounting for **counterflows**. These standards will be included in the ATC business practice standards (Paragraph 293 will require coordination with the NERC Order 890 reliability standards development)	• WEQ 2007 Annual Plan Item 2(b)(ii)	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd Quarter, 2008	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. The ETC components will be posted as necessary. After review of this work plan item, the joint ESS/ITS/BPS ATC working group determined that discussions on practices must be convened for each of the ETC requirements in NERC standards to determine if additional Business Practices are needed. NERC has requested that NAESB practices address post-back requirements. (8/16/07)

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
				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.
257, 262	**Capacity Benefit Margin (CBM) Business Practices** • 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)	• WEQ 2007 Annual Plan Item 2(b)(iii) – 1st bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd	The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD004. The ESS/ITS and BPS have identified the NAESB business practice standards that will 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.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			Quarter, 2008	
	• Business practice standards that include an OASIS mechanism to "allow for auditing of CBM usage." (Paragraph 262 does require coordination with the NERC Order 890 reliability standards development)	• WEQ 2007 Annual Plan Item 2(b)(iii) – 2nd bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE:	The ESS/ITS is continuing to evaluate and review the templates and practices for CBM, including auditing of CBM usage. 8/16/07

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			RATIFICATION: 3rd Quarter, 2008	
	• 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).	• WEQ 2007 Annual Plan Item 2(b)(iii) – 3rd bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd	The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD004.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			Quarter, 2008	
272, 273	• **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) • The 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) • 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).	• WEQ 2007 Annual Plan Item 2(b)(iv) – 1st bullet • WEQ 2007 Annual Plan Item 2(b)(iv) – 2nd bullet • WEQ Annual Plan Item 2(b)(iv) – 3rd bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd	The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD008. The ESS/ITS and BPS are continuing to evaluate and review the templates and practices for TRM, 8/16/07 The ESS/ITS and BPS recognize that NAESB can move forward with the development of OASIS posting requirements for TRM without dependence on the NERC deliverables.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			Quarter, 2008	
301, 310, 369, 246, 405, 413	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)): • 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) • ~~Business practice standards for accounting for **counterflows**. These standards will be included in the ATC business practice standards~~ (Inserted as component of ETC work).	• WEQ 2007 Annual Plan Item 2(b)(v) – 1st bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd Quarter, 2008	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. ESS/ITS work has identified OASIS S&CP changes to facilitate posting of data for bullets 1, 3,4 & 5. For these, some existing Business Practices may need to be modified and other Business Practices may need to be developed.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
	• 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)	• WEQ 2007 Annual Plan Item 2(b)(v) – 2nd bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd Quarter, 2008	NERC will be addressing data exchange standards (Bullet 2) and will identify any new OASIS posting requirements or template query requirements which are needed in order to facilitate data exchange for ATC modeling

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
	• 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)	• WEQ 2007 Annual Plan Item 2(b)(v) – 3rd bullet	FORMAL COMMENT: end of 4th Quarter WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	ESS/ITS work has identified OASIS S&CP changes to facilitate posting of data for bullets 1, 3,4 & 5. For these, some existing Business Practices may need to be modified and other Business Practices may need to be developed.
	• Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations" (Paragraph 413 will require coordination with the NERC Order 890 reliability standards development)	• WEQ 2007 Annual Plan Item 2(b)(v) – 4th bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards.	ESS/ITS work has identified OASIS S&CP changes to facilitate posting of data for bullets 1, 3,4 & 5. For these, some existing Business Practices may need to be modified and other Business Practices may need to be developed.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd Quarter, 2008	
	• 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)	• WEQ 2007 Annual Plan Item 2(b)(v) – 5th bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE:	ESS/ITS work has identified OASIS S&CP changes to facilitate posting of data for bullets 1, 3,4 & 5. For these, some existing Business Practices may need to be modified and other Business Practices may need to be developed.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			RATIFICATION: 3rd Quarter, 2008	
	• Paragraph 246 is addressed in the first row of this plan.			Bullet 6 (counterflows) is a component of ETC and will be addressed in that item. 8/16/07
	• 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).	• WEQ Annual Plan Item 2 (b)(vi) – 1st bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be	

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd Quarter, 2008	
	• 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.	• WEQ Annual Plan Item 2 (b)(vi) – 2nd bullet	As the standards development required to address this item are dependent on NERC development of reliability standards for Order 890 and NERC requested an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890, NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC	The BPS and ESS/ITS have drafted language to incorporate MOD003 into NAESB business practice standard language. A draft of this language has been reviewed by the NERC ATC Drafting Team.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			ATC reliability standards. FORMAL COMMENT: WEQ EC VOTE: RATIFICATION: 3rd Quarter, 2008	
	• Existing OASIS standards WEQ 001 have been revised to reflect the Order 890 modifications to the OATT Section 37.6 and 37.7. This item will not require coordination with the NERC Order 890 reliability standards development)	• WEQ Annual Plan Item 2(c)	FORMAL COMMENT: end of 4th Quarter WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	The Recommendation and attachments (Recommendation; Recommendation Attachment 1 - Order 890 Modifications to WEQ-001 - Redline; Recommendation Attachment 1 - Order 890 Modifications to WEQ-001 - Clean) for the business practices was posted for formal comment on August 22, 2007 with comments due on September 21, 2007. The WEQ Executive Committee voted Recommendation at its November 6, 2007 meeting in Houston, Texas. The recommendation was posted for ratification on November 19, 2007, with ratification ballots due on

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
				December 19, 2007. The modifications to the S&CPs will be processed under a separate recommendation that will also include other changes to the S&CPs required in Order 890.

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Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
ESS/ITS ASSIGNMENTS				
	GROUP 0: RESALES			
815, FN 496	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." 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.	WEQ 2007 Annual Plan Item 2(a)(i)	FORMAL COMMENT: The ESS/ITS posted a recommendation for formal comment that includes revisions to the Resales standards to address the directives in Order 890 on April 5, 2007 with comments due on May 4, 2007. WEQ EC VOTE: The WEQ Executive Committee adopted a revised recommendation during the May 8 WEQ EC meeting. RATIFICATION: The recommendation, as revised by the WEQ Executive Committee was posted for member ratification on June 22, 2007. Ratification ballots are due on July 23, 2007. The ratification results are posted on the NAESB website. The final action is also posted on the NAESB WEQ Final Actions page: 2007 WEQ Annual Plan Item 2 Final Action - Recommendation for Revision to Final Action R04006D to align the Resales Standards with Order 890	The Recommendation for the business practices was posted for formal comment on April 5, 2007 with comments due on May 4. The WEQ Executive Committee voted Recommendation at its May 8, 2007 meeting in Washington, DC. The modifications to the S&CPs will be processed under a separate recommendation that will also include other changes to the S&CPs required in Order 890. The Recommendation as revised by the WEQ Executive Committee was posted for ratification on June 22, 2007 with ballots due on July 23, 2007. The WEQ Membership ratified the recommendation on July 23, 2007. The

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	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
				ratification results are posted on the NAESB website. The final action is also posted on the NAESB WEQ Final Actions page: 2007 WEQ Annual Plan Item 2 Final Action - Recommendation for Revision to Final Action R04006D to align the Resales Standards with Order 890
	GROUP 1: POSTING OF ETC; ANNOTATIONS FOR ATC; LOAD FORECAST AND ACTUAL LOAD; RE-BID OF PARTIAL SERVICE; PRECONFIRMATION PRIORITY; and CONDITIONAL FIRM			
	Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority S&CP Requirements		FORMAL COMMENT: Sent during the 3rd Quarter 2008. WEQ EC VOTE: EC Approved 11/6/2007. RATIFICATION: The ratification of the Recommendation will be completed during December 2007	
1078	**Conditional Firm:** 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&CPs developed in 2008 AP item 2(a)(i)(1))that will implement		FORMAL COMMENT: The Business Practice Requirements will be posted for formal comment during the 1st Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote	Draft requirements to be posted 1/11/2008. To be addressed at 1/15/2008 meeting.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
	the ability to assign short-term firm service to conditional firm customers. 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.		during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	
369	**Annotations for ATC:** OASIS Business Practice Standards (to complement the OASIS S&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)."		FORMAL COMMENT: The Business Practice Requirements will be posted for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	Assigned to BPS/ESS/ITS.
416	**Load Forecast and Actual Load:** OASIS Business Practice Standards (to complement the OASIS S&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."		FORMAL COMMENT: The Business Practice Requirements will be posted for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	Assigned to BPS/ESS/ITS.
1378	**Re-bid of Partial Service:** OASIS Business practice standards (to complement the OASIS S&CPs developed in 2008 AP item 2(a)(i)(1)) for re-bid of partial service across a single		FORMAL COMMENT: The Business Practice Requirements	Draft requirements to be

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
	Transmission Provider's system.		will be posted for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	posted 11/19/2007. To be addressed at 11/20/2007 meeting.
1392, 1401	**Pre-confirmation Priority:** Development of OASIS business practice standards (to complement the OASIS S&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." **Pre-confirmation Priority:** Development of OASIS Business Practice Standards and OASIS S&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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	Draft requirements to be posted 11/19/2007. To be addressed at 11/20/2007 meeting.
	Appendix C – OASIS Exemptions		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008.	Draft requirements to be posted 11/19/2007. To be addressed at 11/20/2007 meeting.

NAESB UPDATE: ORDER 890 – MATRIX OF NAESB TASKS AND STATUS
DECEMBER 1, 2007

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	
	GROUP 2: METRICS; REDISPATCH COST POSTING			
413	**Metrics:** Business Practice standards s to "post on OASIS metrics related to the provision of transmission service under the OATT" including the posting of: • "the number of affiliate versus non-affiliate requests for transmission service that have been rejected"; • "the number for affiliate versus non-affiliate requests for transmission service that have been made"; 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		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	Draft requirements to be posted 11/19/2007. To be addressed at 11/20/2007 meeting.
1318	**Metrics:** OASIS business practice standards to implement the standard performance (planning study) metrics set forth in Order 890, Paragraphs 1308-1317.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	Draft requirements to be posted 11/19/2007. To be addressed at 11/20/2007 meeting.
1162	**Redispatch Cost Posting:** Business practices for redispatch cost postings: • The posting of redispatch information will also include the posting of		FORMAL COMMENT: The Business Practice Requirements	Draft requirements to be

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
	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." • 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.		will be post for formal comment during December 2007. WEQ EC VOTE: The WEQ Executive Committee will vote during the 1st Quarter, 2008. RATIFICATION: The ratification will be completed during the 1st Quarter, 2008.	posted 11/19/2007. To be addressed at 11/20/2007 meeting.
	GROUP 3: NETWORK SERVICE ON OASIS			
385	Development of OASIS business practice standards and OASIS S&CPs for "transmission providers and network customers to use OASIS to request designation of new network resources and to terminate designation of network resources." Shall be posted on OASIS for 90 days and available for audit for a 5 year period.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.
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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	
1477	The standards will include the ability to mask information "about operating restrictions and generating cost on OASIS";		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.
1477	Development of OASIS business practice standards and OASIS S&CPs that describe the procedural requirements for submitting designations over any new OASIS functionality.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.
1504	Development of OASIS business practice standards and OASIS S&CPs to specify how		FORMAL COMMENT: The Business Practice Requirements	Concept Paper posted

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	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.		will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	11/7/2007. To be addressed at 12/7/2007 meeting.
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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.
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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.

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Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			will be completed during the 2nd Quarter, 2008.	
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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 2nd Quarter, 2008. RATIFICATION: The ratification will be completed during the 2nd Quarter, 2008.	Concept Paper posted 11/7/2007. To be addressed at 12/7/2007 meeting.
	GROUP 4: CONDITIONAL FIRM; PRE-EMPTION; REQUEST R05019; and REVISIONS TO STANDARD 9.7			
1407	**Pre-emption:** 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 OASIS standards and OASIS S&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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 3rd Quarter, 2008. RATIFICATION: The ratification will be completed during the 3rd Quarter, 2008.	Not Started Request for reconsideration pending at FERC may impact target dates.
	NAESB Request No. R05019: During the work to address FERC Order 890, the ESS/ITS will also use the opportunity to modify OASIS standards and S&CP to clearly document the procedures used to implement the displacement/interruption terms of the Pro Forma tariff as	R05019	FORMAL COMMENT: The Business Practice Requirements will be post for formal comment	Not Started Request for reconsideration

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	requested in NAESB Request No. R05019		during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 3rd Quarter, 2008. RATIFICATION: The ratification will be completed during the 3rd Quarter, 2008.	pending at FERC may impact target dates.
1269	**Revisions to Standard 001-9.7:** 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.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 3rd Quarter, 2008. RATIFICATION: The ratification will be completed during the 3rd Quarter, 2008.	Not Started
	GROUP 5: PARAGRAPH 1377			
1377	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. Develop S&CPs related to coordination of request across multiple transmission systems.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 3rd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 3rd Quarter, 2008.	Not Started

	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			RATIFICATION: The ratification will be completed during the 3rd Quarter, 2008.	
1378	**Re-bid of Partial Service:** OASIS Business practice standards for re-bid of partial service across multiple Transmission Providers' systems. 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.		FORMAL COMMENT: The Business Practice Requirements will be posted for formal comment during 3rd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 3rd Quarter, 2008. RATIFICATION: The ratification will be completed during the 3rd Quarter, 2008.	Not Started
	GROUP 6: MISCELLANEOUS			
1390	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. 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. ESS/ITS: need to review if this has any impact on business functions.		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 3rd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 4th Quarter, 2008. RATIFICATION: The ratification will be completed during the 4th Quarter, 2008.	Not Started
1627	Development of OASIS business practice standards and OASIS S&CPs for "the posting of		FORMAL COMMENT: The	Not Started

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Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
	additional curtailment information on OASIS" via a "detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Posting of curtailment information on OASIS: develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments.		Business Practice Requirements will be post for formal comment during 3rd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 4th Quarter, 2008. RATIFICATION: The ratification will be completed during the 4th Quarter, 2008.	
1005	**Redispatch Cost Posting:** 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 & Communication Protocols (S&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)		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 3rd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 4th Quarter, 2008. RATIFICATION: The ratification will be completed during the 4th Quarter, 2008.	Not Started
243-244	**Posting of ETC:** OASIS business practice standards and S&CPs necessary to implement the Business Practice Standards developed to complement NERC Reliability Standards for **Existing Transfer Capability (ETC)** to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses", including the elements of ETC for full implementation of the NERC MOD-001 reliability standard. (moved from Group 1)		FORMAL COMMENT: The Business Practice Requirements will be post for formal comment during 2nd Quarter, 2008. WEQ EC VOTE: The WEQ Executive Committee will vote during the 3rd Quarter, 2008.	Scoping Document to be posted 1/25/2008. To be addressed at 1/31/2008 meeting. Informal comments to be addressed at 2/11/08

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	Order 890 Work Plan			
Order Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
			RATIFICATION: The ratification will be completed3rd Quarter, 2008.	meeting.

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NAESB TLR UPDATE
OCTOBER 19, 2007

TLR STANDARDS DEVELOPMENT:

August 2-3, 2004: On August 2-3, 2004, team leaders from the NERC Version 0 Standards Drafting Team and the NAESB Business Practices Subcommittee (BPS) met in Chicago, IL to develop a joint recommendation on the division of the NERC Operating Policies into NAESB Business Practice Standards and NERC Reliability Standards. The unanimously endorsed recommendation of the task force for TLR was for NERC and NAESB to adopt a TLR procedure document with the same language and format in their respective Version 0 standards and immediately begin a joint project to develop replacement Version 1 standards distinguishing reliability requirements and business practices by the end of 2005.

August 16, 2004: The final recommendation of the joint task force that met in Chicago was presented to the Joint Interface Committee on August 16, 2004. The recommendation above for the separation of business practices and reliability standards from the Version 0 TLR standard with commitment to file the Version 1 standards with the FERC by end of year 2005 was unanimously approved by the members of the JIC.

December 31, 2004: NAESB WEQ membership ratified the Version 0 TLR (pre-split) standards.

December 8, 2004: The joint TLR Task Force met 8 times from December of 2004 until June of 2005 to complete the designated split of the business practices from the reliability standards of TLR Version 0. On **June 1-2, 2005,** the NAESB members of the task force unanimously supported the division completed by the task force and the NERC members took a straw man vote to show their unanimous support. At this point, the standards moved to their assigned drafting teams at NERC and NAESB for completion.

June 14-15, 2005: The NAESB WEQ BPS met 7 times, from June 14-15, 2005 to October 12, 2005, to complete the NAESB post-split TLR standard. It was voted out of subcommittee on October 12. Please note the standard was posted for informal comments prior to being voted out of subcommittee.

(NERC) July 14, 2005: NERC Operating Reliability Subcommittee (ORS) submitted a Standards Authorization Request (SAR) for the post-split NERC TLR Standards. Twelve sets of comments were submitted on the SAR: six sets supported the division and six did not.

October 10, 2005: R05009 Recommendation (Modify the NAESB Version 0 TLR business practices to remain consistent with the NERC Version 0 TLR reliability standards [dynamic flows]) was ratified by NAESB WEQ membership.[1]

(NERC) November 18, 2005: NERC ORS sent a letter to NAESB requesting that NAESB cease development of Recommendation R04013A (NAESB post-split TLR standards) based upon the comments received at NERC. This letter was received as comments on Recommendation R04013A. All comments received on the recommendation were reviewed by the NAESB BPS on **November 22** in preparation of the NAESB November 29 WEQ Executive Committee (EC) meeting. Although these comments were officially considered by the WEQ EC, the BPS members noted the following reasons that NAESB should move forward with Recommendation R04013A: a separate standard should exist at NAESB to adequately address the commercial needs of the industry; division and maintenance of standards had been addressed previously by NERC and NAESB during other standards drafting activities (Coordinate Interchange); the JIC

[1] Please note that this change to the NAESB pre-split Version 0 standard was completed to correspond with NERC changes to their Version 0 TLR standards to account for dynamic schedules. This change followed up on the commitment of NERC and NAESB to keep the standards in line with the "same language and format." The Urgent Action SAR was approved by the NERC Board of Trustees in June 2005.

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had previously unanimously supported the assignment of this project and; not moving forward with the standard could affect the standards drafting process at both NERC and NAESB.

November 29, 2005: Recommendation R04013A (post-split TLR standards) was reviewed by the WEQ Executive Committee. The WEQ EC recommended the adoption of the TLR Business Practices with ratification held in abeyance until TLR implementation issues between NERC and NAESB were clearly defined. The WEQ EC recommended the WEQ Board members make this determination.

December 19, 2005: The WEQ EC approved the Recommendation by notational ballot on December 19, 2005.

February 17, 2006: NAESB filed a progress report with the FERC updating them on the state of the NERC-NAESB joint standards development process.[2] The following statement, found in the progress report, reaffirms NAESB's commitment to complete the joint development of the TLR standards and to work with NERC to provide for standards that complement each other:

> NAESB would not immediately file these business practices with the Commission for consideration until NERC and NAESB have had an additional opportunity to determine if further changes are needed, and NERC has completed it process of developing the reliability standards. It is expected that NERC and NAESB will employ the joint development process to ensure that the coordination of the development of the two products is achieved.

February 22, 2006: Joint development template for NERC and NAESB efforts was presented to the Board of Directors via email. The Board unanimously adopted the template and authorized the NAESB office to move forward with ratification of the post-split TLR standards.

(NERC) February 24, 2006: NERC filed a statement with the FERC in support of the progress report on joint standards development filed by NAESB on February 17, 2006.[3]

April 10, 2006: The post-split standard was ratified by 80% of the NAESB WEQ Membership that voted.

(NERC) May 3, 2006: NERC ORS discussed SAR for post-split standards and future action plan.

(NERC) June 22-23, 2006: NERC Standards Authorization Committee (SAC) approved the formation of a TLR SAR Drafting Team and asked for nominations for this team.

(NERC) August 2, 2006: URGENT ACTION: SPP Regional Difference - IRO-006-3 posted for NERC Board of Trustees adoption.

(NERC) August 17, 2006: The NERC TLR SAR Drafting Team began meeting. Its first priority is to answer the comments submitted on the previous NERC TLR SAR.

September 1, 2006: R06002 Recommendation - Modify NAESB pre-split Version 0 TLR business practices to remain consistent with NERC IRO-006-1 pre-split TLR reliability standards (inclusion of market flows). – was ratified by 100% OF THE NAESB WEQ Membership that voted.[4]

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[2] Progress Report on NAESB Activities impacting Docket No. RM05-5-000, "Standards for Business Practices and Communication Protocols for Public Utilities", filed with the Commission on February 17, 2006, Accession Number 20060217-5041.

[3] Statement of North American Electric Reliability Council In Support of Comments and Report by North American Energy Standards Board, under RM05-5 filed with the Commission on February 21, 2006, Accession Number 20060217-5082.

[4] Please note that Recommendation R06002 also follows up on NERC and NAESB's commitment to keep the Version 0 standards in line with the "same language and format." However, this commitment was made in reference to the standards held in NERC Operating

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NAESB TLR UPDATE
OCTOBER 19, 2007

(NERC) September 11, 2006[5]: The NERC TLR SAR Drafting Team held its second meeting.

(NERC) October 2, 2006: The NERC TLR SAR Drafting Team held its third meeting in Carmel, Indiana.

(NERC) October 13, 2006: The NERC TLR SAR Drafting Team held its fourth meeting.

(NERC) November 6, 2006: The NERC TLR SAR Drafting Team held its fifth meeting.

(NERC) December 5, 2006: The NERC TLR SAR Drafting Team held its sixth meeting. NERC SC (Executive Committee) held a conference call the same day and approved the TLR SAR that includes the General Update with NAESB. The SC EC authorizes team to keep moving forward with drafting, even thought the SAR is posted for commented and nominations must be submitted for the NERC TLR Drafting Team. The SAR Drafting Team sent a memo to Gerry Cauley and Rae McQuade notifying them of their intent to move forward was under the joint development process. The NERC Standards Drafting Team and WEQ BPS will now meet jointly to continue development of TLR NERC Reliability Standards and to make modifications to the ratified post-split TLR business practices as needed. The NAESB team is proceeding with any changes necessary under the WEQ 2007 Annual Plan Item 1 (d) (ii) and (iii).

January 10-11, 2007: The NERC TLR Drafting Team and the NAESB WEQ BPS met jointly in Houston, TX to continue work on the development of the NERC TLR post-split reliability standards and any modifications to the NAESB ratified post-split standards. The group discussed how best to develop a joint operator's manual for the two sets of standards, once the NERC standards are complete. It is anticipated that in order to have a manual that makes sense, transition language must be added to the NAESB standards. In addition, NERC staff informed the teams that when balloted, it would be necessary to include the NAESB standards. The balloting body will be informed that the NAESB standards are not to be voted on. However, the removal of those portions from the NERC TLR standards must be voted on. Therefore, the group continued with delineating the standards and which were included in the NAESB business practices, and which are to be included in the NERC reliability standards. The group also discussed the implication and effect of the PJM/MISO curtailment threshold field test (included in the SAR) on the development of the TLR standards and the incorporation of the regional differences for PJM and SPP in the NAESB ratified standards (Appendix D). [6]

February 27-28, 2007: The teams met jointly in Birmingham, AL to continue work on the development of the NERC post-split reliability TLR standard. Much of the content of IRO-006 Attachment 1 assigned to NERC deals with the IDC. A decision was made to include these sections in an IDC Reference Document that would become Attachment 2 of IRO-006, instead of including in Attachment 1. A decision was also made to maintain Section E of IRO-006 (PJM Regional Differences) in both documents (in NAESB it is part of Appendix D) until after the completion of the PJM field test on curtailment at NERC. The WEQ BPS noted that it would change the NAESB requirements to clarify reallocation for a TLR level 5a and 5b. It was also decided by the team that NERC should not post the standard for comment until all parts of the standard package were complete because it is the opinion of the team that if commenters are able to view the entire package there will be more support for NERC's post-split Attachment 1.

Policy IRO-006-Attachment 1. NERC waivers in the version 0 standards were not contained in Attachment 1. It would not have been appropriate to contain these waivers in the NAESB Version 0 standard, since there originally not part of Attachment 1. However, during the Version 1 effort it was determined that these waivers were commercial in nature (please reference the addition to the NAESB standard of the PJM/MISO regional difference). Therefore, NERC has made the SPP change to IRO-006 (NERC's version 0 standard) and NAESB has made the corresponding change to its version 1 standard (more specifically, regional differences are included in Appendix D of the NAESB post-split standard). When NERC completes its version 1 standard, the SPP waiver should not be included.

[5] Please note that more information is not available for this meeting (or the following meeting) on the NERC website at this time.

[6] Please note that these are notes kept by the NAESB office, as minutes are not available for this meeting from the NERC TLR drafting team at this time. When available, these notes will be updated.

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NAESB TLR UPDATE
OCTOBER 19, 2007

March 19, 2007: The WEQ BPS met to revise the R06002 post-split TLR standard to include Reallocation language for a TLR level 5a and 5b. It was the decision of the team to mimic the Reallocation language for a TLR level 3a and 3b. The team will review the change with the joint team on March 28-29.

March 28-29, 2007: The teams met in Houston, TX to continue work on the draft standards. The language added to the NAESB business practices for Reallocation for a TLR level 5a and 5b mimics that for a TLR level 3a and 3b and is included as a separate requirement. The joint team approved of the change made by the BPS. The team completed a list of action items for IRO-006, including compliance measures that NERC noted must be completed before the standard can be submitted for comment. In addition, the team discussed the joint operator's manual for TLR. NERC will not post the IRO-006 and Attachment 1 for comment without a thorough example of the manual because it is their opinion the standard will receive too many negative comments without the manual to continue. A timeline was laid out for the completion of the NERC process for the standard. It is included in this timeline.

April 18-19, 2007: The teams met in Carmel, Indiana hosted by MISO. During this meeting, the following was accomplished:

- Mr. Li was installed as the new chair of the TLR DT.
- Preparation of the draft TLR Standard IR006-4 and related documents for posting for comments at NERC
- Review draft IRO-006 standard with requirements and compliance elements
- A status report on the MISO/SPP/PJM Curtailment Threshold Field Test

May 23-24, 2007: The team met jointly in Chattanooga, TN hosted by TVA. During this meeting the teams discussed the posting of the draft standard and the fact that no comments had been submitted as of May 20, had a discussion on the various requirements in Attachment 1, had an update on the MISO/SPP/PJM Curtailment Threshold Field Test, reviewed Order 693 in relation to IRO006, discussed Phase III deliverables and scope (teams were assigned to the Phase III items)

June 15, 2007: Comments were due back on the NERC posting.

June 19-20, 2007: The teams met in Houston, TX to answer comments submitted on the NERC reliability standard. Responses to each comment were drafted. Minor modifications were made to the draft standard and Attachment 1: The purpose was revised; Transmission Operator was reinstated as an applicable entity; and the RC-to-RC coordination between interconnections was made a lower Violation Security Level. It was determined that the documents would not be posted for another comment period, but would be posted for a 30-day pre-ballot review. The teams agreed that the Joint Operator Manual should be made available when the documents are posted for ballot. Mr. Rodriquez will pursue the next steps necessary with other NERC Staff in order to ready the documents for pre-ballot posting.

July 9-10, 2007: The teams met in Toronto to complete the Joint Operator Manual so that it can be posted when the standard is posted for ballot and to continue working on Phase III work. The group developed a schedule so that the reliability standard could potentially be approved by the NERC Board of Trustees and then submitted to the FERC in around the same time the NAESB TLR business practice standards, which are scheduled to be filed with the FERC before or soon after the next NAESB board meeting on September 27, 2007. The teams reviewed the status of IRO-006 and the Compliance Guide, and decided to have a conference call to finalize all documents before posting the standard on July 20, 2007. Phase III work continued, and the group discussed splitting the standard into three parts regionally for the ERCOT, the WECC, and the Eastern Interconnect. The group also discussed removing TLR Severity Level 6 from the standard, however a final determination was not made. The new schedule created by the group is as follows:

- Conference Call July 19, 2007 from 9:00 a.m. to 10:00 p.m. (eastern) - to review the Joint Operator Manual and prepare for pre-ballot posting

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NAESB TLR UPDATE
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- Industry Webcast hosted by NERC August 9, 2007 from 1:00 p.m. to 2:30 p.m. (eastern) - to give the industry an opportunity to ask questions during pre-ballot review
- Meeting in Carmel, IN on August 22-23, 2007 from 9:00 a.m. to 5:00 p.m. (eastern) - to continue Phase III work
- Conference Call September 6, 2007 from 2:00 p.m. to 3:00 p.m. (eastern) - to overview comments and distribute work after ballot period is over
- Conference Call September 13, 2007 from 1:00 p.m. to 5:00 p.m. (eastern) - to review comments and responses from previous call
- Meeting in Minneapolis, MN on October 4, 2007 from 9:00 a.m. to 5:00 p.m. (central) and October 5, 2007 from 9:00 a.m. to 5:00 p.m. (central) - to continue Phase III work

July 19, 2007: The team met via conference call to finalize all documents before posting standard IRO-006-4 on July 20, 2007. The group reviewed the Compliance Guidelines and the Joint Operator Manual, and determined that while the draft of the Joint Operator Manual was sufficiently completed to be posted along with the standard, it still needs to be reviewed and modified. The team agreed to submit all proposed modifications and amendments to the documents by July 25, 2007 and have the revised Joint Operator Manual posted by August 13, 2007.

July 20, 2007: The WEQ BPS met to revise the R06002 post-split TLR standard to update references of NERC INT-004 and NERC IRO-006-1 to state "current versions of NERC INT-004 and NERC IRO-006-1". The group also discussed changing references to Appendix E to the IDC Reference Document, but determined to wait until NERC modified their documents to reflect the change.

August 9, 2007: The team met via conference call to host an industry webcast in an effort to give members of the industry an opportunity to ask the Drafting Team questions during the standard's pre-ballot review. The group reviewed the changes to the existing standard and answered the few questions posed from the participants. The team plans to meet later in the month to review the comments submitted and draft responses before reposting for the 10 day ballot period.

August 22-23, 2007: The teams met in Carmel, Indiana hosted by Midwest ISO to continue Phase III work. During the meeting the group revisited the severity guidelines of the NERC Compliance Guidelines document, and continued work on IRO-006-5. The group heard presentations on the WECC and ERCOT, and continued discussions on the issue of regional applicability. The team also discussed the possibility of creating a TLR training module. A future meeting was scheduled in Washington D.C. on November 27-28, 2007 to continue the Phase III work.

August 29, 2007: Ballots for NERC IRO-006-4 were due to NERC and 93.52% voted in favor. The standard will proceed to recirculation ballot

September 6, 2007: The team met via conference call to overview the comments submitted in response to NERC IRO-006-4, and distribute assignments based upon the comments. The team noted the 90% approval of the standard and due to the limited number of comments submitted in response to the standard, the group decided to review the responses drafted offline by members of the Drafting Team. The group made a few minor modifications to these responses for clarity purposes and agreed to forgo the conference call on September 13, 2007 originally scheduled to draft responses to comments. The team also agreed to make any other minor modifications to the responses through email, and to have those modifications complete by close of business on September 10, 2007. The standard with responses to comments will be placed on a 10 day recirculation ballot before being presented to the NERC board. It is the expectation at this time that the recirculation ballots will be distributed during the week of September 10, 2007.

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NAESB TLR UPDATE
OCTOBER 19, 2007

October 4-5, 2007: The teams met on October 4-5, 2007 in Minneapolis, MN where the team continued Phase III work.

October 19, 2007: NERC and NAESB agreed to a NAESB waiver for Version 1 TLR standards, so that NERC could publish the Version 1 NAESB TLR standards in its operator's manual.

October 31, 2007: NAESB is scheduled top publish the TLR standards in Version 1, which will be filed with the FERC in December.

January 29-30 2007: The teams' next meeting is scheduled for January 29-30 2008 in Houston, TX where the team will continue Phase III work

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NAESB ORDER 698 MEETING SUMMARY
DECEMBER 1, 2007

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ORDER 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 698. During the meeting the participants heard presentations from those in the pipeline industry that have had experience with the issues presented by Order 698, and discussed the scope of WGQ Annual Plan Items 7a, 7b, and 7c. The group discussed the various approaches to addressing Order 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 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 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.

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NAESB ORDER 698 MEETING SUMMARY
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- **October 30-31, 2007:** The WGQ BPS met in Houston at the NAESB offices to continue work on Order 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 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.
- **Planned, December 4-5, 2007:** The WGQ BPS is scheduled to meet in Washington DC at the AGA offices to continue work on Order 698.
- **Planned 2008:** 2008 calendar of meetings has been set and can be accessed from http://www.naesb.org/WGQ/wgq_bps_698.asp.

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NAESB ORDER 698 BACKGROUND
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REFERENCE DOCUMENTS -- RELATED WORK PAPERS:

- WGQ Annual Plan approved by the Board of Directors, June 28, 2007
- FERC Order No. 698: Issued June 25, 2007 - FERC Final Rule - Order 698 re FERC's amendment to its open access regulations governing standards for business practices and electronic communications with interstate natural gas pipelines and public utilities under RM96-1.
- NRRI Primer, Dated July 2006 - The National Regulatory Research Institute (NRRI), Briefing Paper - Efforts to Harmonize gas Pipeline Operations With the Demands of the Electricity Sector
- DoE Primer, 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 698 – TIMELINE OF EVENTS:

- **November 14, 2003:** Letter from Chm. Wood asking NAESB to develop interdependency standards – related to 2003 cold snap in New England, which resulted in a NAESB Gas-Electric Coordination subcommittee
- Gas-Electric Coordination efforts resulted in two reports:
  - Gas Electric Coordination Interim Status Report, **filed 4-16-04,** 31 issues identified
  - Gas Electric Coordination Final Report, **filed 11-30-04,** 31 issues further defined
- Outcome of Reports: Received 3 requests for standards development: R04016: Energy Day, R04020: Market Timelines, R04021: Pipeline-Generator Communications
- All requests approved and found within the scope of NAESB by both NAESB and the Joint Interface Committee (including NERC and the ISO-RTO Council)
- R04016 and R04021 were jointly assigned to wholesale gas and wholesale electric groups, R04020 was assigned to wholesale electric group only -- Two pronged approach: Work began on R04021, and Board Committee formed to determine other actions
- Results of approach -- Report filed with FERC on June 26, 2005 with gas-electric interdependency communication standards (Interim GEIC Report) and Requests R04016 and R04020 were withdrawn
- **February 24, 2006:** NAESB identifies 6 Interdependency Issues raised in Docket No. RM05-28-000 (Final GEIC Report)
- **June 22, 2006:** The U.S. Department of Energy sponsors the creation of a primer from Jimmy Glotfelty of ICF addressing issues in the GEIC report
- **July 30, 2006:** A primer from Ken Costello of NRRI is issued addressing issues identified in the GEIC Report
- **October 25, 2006:** NOPR issued on standards. Order 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 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 (Docket Nos. EL07-1 to EL07-6) terminating the six section 206 proceedings related to gas-electric coordination.

ORDER 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 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 scheduled, may request daily flow rates as established by the standard, should work to resolve the PPO's request if it can be accommodated within the standard boundaries.
- WEQ Standard 011-1.4 and WGQ Standard 0.3.14 requires specified parties to sign up to receive critical notices from the appropriate TSP and the reciprocal TSP(s) to provide critical notices to parties specified in the Standard.
- WEQ Standard 011-1.5 requires upon request, a PPO must provide to the appropriate independent BA and/or RC pertinent information concerning the level of gas transportation service (firm or interruptible) and its natural gas supply (firm, fixed or variable quantity, or interruptible).
- WEQ Standard 011-1.6/WGQ Standard 0.3.15 requires specified parties to establish operational communication procedures with the appropriate TSP and/or PPO.

ORDER 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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- ¶ 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."

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Annual Plan Item 7a – Scope and Issues

7. Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:
   a. ¶ 56 of Order No. 698: "… Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release and that would include the means for implementing the formula rate. This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently." (emphasis added)

Scope discussion:

1. Existing standards do not provide for Index-based pricing for Capacity Releases (Standard 5.3.26).
2. Data elements and code values to be determined.
3. Language: Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release.
4. There may be SOX issues.
5. Evaluate the requirement for competitive bidding on Capacity Releases.
6. What is a competitive bid?
7. Who is responsible for obtaining and providing an Index-based rate?
8. Dispute resolution responsibilities
9. What commodity indexes can be utilized?
10. What "other formula rates" can be utilized?
11. Who is responsible for performing the billing calculation?
12. What is the releasing shipper's obligation to provide invoicing information to the pipeline?
13. What is the pipelines obligation to process the information?
14. What is the timeline associated with the exchange of information and rate determination and how does it conform with the existing invoice standards?
15. How do we clarify the transactional information posting requirements for firm capacity relative to the rates being charged and discounted rates?
16. What are valid bid responses to Index-based Capacity Release offers?

Annual Plan Item 7b – Scope and Issues

7. Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:
   b. ¶ 63 of Order No. 698: "The Commission is not modifying its requirement for within-the-path scheduling as adopted in Order No. 637. The example posited by NAESB appears consistent with the within-the-path scheduling concept and with pipeline proposals that have been accepted. It would not be appropriate for the Commission here to try to provide generic clarification to cover all possible proposals by pipelines for according flexibility to shippers. These proposals will have to be judged on an individual basis. In addition, NAESB can consider through its consensus process possible standards for according increased receipt and delivery point flexibility." (emphasis added)

Scope discussion:

1. Does one solution fit the operating characteristics of all pipeline systems (e.g. reticulated pipelines)?
2. Are any changes needed for standard no. 1.3.27 and 1.3.7?
3. What are the obligations of upstream or downstream operators?
4. Can the process to support receipt or delivery point flexibility be handled through an existing or revised code value (e.g. Nomination
5. Data 1.4.1, Transaction Code Value 56-Flow day diversion)?

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6. How will any proposed solution impact the flexibility of other shippers?

Annual Plan Item 7c – Scope and Issues

7. Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:
   c. ¶ 69 of Order No. 698: "As we stated in the NOPR, the Commission has recognized the interest of interruptible shippers in achieving business certainty by making the last intra-day nomination opportunity one in which firm nominations do not bump interruptible nominations. However, within the confines of current Commission policy, NAESB should actively consider whether changes to existing intra-day schedules would benefit all shippers, and provide better provide for coordination between gas and electric scheduling. In addition, the NAESB nomination timeline establishes only the minimum requirement to which pipelines must adhere..." (emphasis added)

Scope

Consider whether changes to the existing nomination cycles (and related processes/timelines) would benefit all shippers and provide better coordination between gas and electric scheduling.

Timeline Issues

1. What changes to the nomination cycles would benefit both the gas and electric industries?
   a. Evaluate whether to remove any of the existing scheduling nomination cycles.
   b. Review the existing nomination cycles/deadlines for possible modifications.
   c. Consider whether to add additional or modify the existing evening cycle timeline affecting next day flow.
   d. Should we consider a true up cycle?
   e. Should the new nomination cycles modify current day gas flow and/or next day gas flow?
2. Should we consider whether additional intraday cycles should or should not be subject to bumping?
3. When developing the standards consider the ability of all parties to be able to physically bring gas on and get it to market.

Confirmation/Scheduling

1. Do we need to consider modification to the EPSQ concept for both increases and decreases in scheduled quantities? (ref: page 52 of Capacity Release Implementation Guide), (ref: page 216 of the Scheduled Quantity Implementation Guide)
2. Do we need to consider the ability of all parties to cut currently scheduled gas supply?
3. How will confirmations be accomplished if additional intraday nomination cycles are added?

Reporting Requirements

1. How do adding additional nomination cycles affect the existing requirement to post transactional and operational reporting after each nomination cycle?

Other

1. Should we look at additional communication needed prior to a potential 8AM nomination?
2. If standards are developed should they be broad enough to cover various sources of supply?
3. Do we need to add additional opportunities to do capacity release when adding a nomination cycle?
4. How will adding additional nomination cycles affect additional capacity release time lines including recalls?

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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 tariff rate, if one is so stated, in the Transportation Service Provider's tariff or general terms and conditions, as an alternative to the method specified by the releasing shipper.

Proposed Modified WGQ Standard No. 5.3.1 (Clean)

The capacity release timeline is applicable 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. 5.3.3 (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 WGQ Standard 5.3.x1

A Transportation Service Provider should support index-based capacity release transactions exclusively via the use of NAESB WGQ EBB/EDM.

Proposed WGQ Standard 5.3.x2 (Clean)

For index-based capacity release transactions, the releasing shipper should specify whether bids upon the index-based formula detailed in the capacity release offer should be one of the following:

- a percentage of the formula
- a percentage of a formula component and which component
- a dollars and cents differential from the floor rate, or
- an approved methodology in the Transportation Service Provider's tariff, if any.

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Proposed WGQ Standard 5.3.x2a (Clean)

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 definition of "Rate Floor" or billing standard: (for discussion)

The rate floor becomes applicable when the award result of the index-based capacity release is less than the rate floor.

Proposed WGQ Standard 5.3.x3 (discussion to follow - refer to Docket No. RP04-327 ANR 06/08/2004) (Clean)

For monthly reservation index-based capacity release transactions or volumetric index-based capacity release transactions where the result of the award is to be applied on a monthly basis, where the formula detailed in the capacity release award requires calculations on a daily basis, while the results of such daily calculations may exceed the applicable daily maximum rate or be less than the applicable minimum rate as calculated pursuant to NAESB WGQ Standard No. 5.3.22, any resulting monthly reservation rate may not exceed the applicable maximum monthly reservation rate or be less than the applicable minimum monthly reservation rate.

Proposed WGQ Standard 5.3.x4 (still in discussion, already FERC policy) (Clean)

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 and it exceeds the applicable daily maximum rate or is less than the applicable minimum rate as calculated pursuant to NAESB WGQ Standard No. 5.3.22, the capacity release credit and corresponding charge calculated for that day may not exceed the result of a calculation using the applicable maximum daily reservation rate or be less than the result of a calculation using the applicable minimum daily reservation rate, respectively.

Proposed WGQ Standard 5.3.x5 (still under discussion)

For index-based capacity release transactions where the bid(s) based upon the formula detailed in the capacity release offer exceeds the applicable maximum rate or is below the applicable minimum rate, such bid(s) should be considered to be at the applicable maximum rate or the applicable minimum rate, as appropriate.

Proposed WGQ Standard 5.3.x6 (still under discussion)(Clean)

A Transportation Service Provider (TSP) should support at least two index references for index-based capacity release transactions, posting the identity of such references on its Informational Postings Web site. In consultation with releasing shippers, such references should be reviewed annually by the TSP and updated (index references added or removed), if necessary.

Releasing shippers wishing to use index rates not supported by the TSP will be responsible for providing the TSP with a subscription(s) to the non-supported index reference such that the TSP is adequately licensed to fulfill its business responsibilities associated with the index-based capacity release transaction. Such non-supported index reference will become available to all parties for the duration of the subscription and will be considered for ongoing TSP support in the next annual review.

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NAESB ORDER 698 – (7B) REDIRECTS – ATTRIBUTES OF ADDITIONAL PROPOSED STANDARDS
DECEMBER 1, 2007

Annual Plan Item 7b

Nomination Related Standards:

Definitions:

Proposed definition 1.2.x1 (Clean)

Flow Day Redirect is the term used to describe the ability of a Service Requester, once scheduled through a constraint point by a Transportation Service Provider, to move a scheduled receipt or delivery quantity to a new location(s) while retaining the originally scheduled capacity through the constraint point.

alternative 1 proposed:

Flow Day Redirect is the term used to describe the ability of a Service Requester, once scheduled through a constraint point by a Transportation Service Provider, to move a scheduled receipt or delivery quantity to a new location(s), depending on space available at the new location while retaining the originally scheduled capacity through the constraint point.

alternative 2 proposed:

Flow Day Redirect is the term used to describe the ability of a Service Requester to retain the priority of the previously scheduled quantity through a constraint point while changing a receipt or delivery quantity to a new location(s) on the same path, if applicable.

Proposed standard language – 1.3.x1:

A Service Requester's priority through a constraint point should not be affected by a change in the nominated, confirmed, and scheduled receipt or delivery location(s) for the quantity scheduled through the constraint point for the subject gas day.

Proposed standard concept – 1.3.x2:

To the extend other Transportation Service provider (TSP) scheduling priority requirements are met, a Transportation Service Provider should support the ability of a Service Requester (SR) to submit a Flow Day Redirect transaction(s) at any of the TSP's nomination cycle(s), under the same contract, without the requirement to be rescheduled through a previously scheduled point of constraint for the subject gas day.

Proposed standard - 1.3.x3: (uses concept of alternative from Oct 9th meeting)

***** (Proposed Standards 1.3.x1 and 1.3.x2 relate to an additional intraday nom cycle)

To the extent other scheduling requirements are met, a Transportation Service Provider (TSP) should support the ability of a Service Requester (SR) to submit a Flow Day Redirect transaction(s) at any of the TSP's nomination cycle(s), under the same contract, without the requirement to be rescheduled through a previously scheduled point of constraint for the current or next gas day.

Discussion Item: By using the phrase "at any of the TSP's nomination cycle(s)", this attempts to capture the concept of a Service Requester being able to submit their transaction request/nomination according to the TSP's tariff. For example, a TSP that exceeds the minimum NAESB standards for the nomination timeline and hence allows hourly nominations; then in that case the SR can submit a Flow Day Redirect hourly, the same as they can for any other allowed intraday nomination. As with the current practice, the SR must specify the day of flow, namely, either the current gas day or the next gas day.

Principles: (may or may not need as definition captures thought)

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NAESB ORDER 698 – (7B) REDIRECTS – ATTRIBUTES OF ADDITIONAL PROPOSED STANDARDS
DECEMBER 1, 2007

Proposed principle: 1.1.x1

Once scheduled through a constraint point by a Transportation Service Provider (TSP), a Service Requester (SR) should be allowed to redirect or divert their supply on the same contract to a new location(s) without the TSP considering the location change(s) a new original nomination; thus allowing the SR to keep the originally scheduled capacity through the constraint point.

Attributes:

1. Does not convey scheduling priority at the new location(s) or other constraint points.
2. Allows the Service Requester to retain the original scheduling priority of the currently scheduled capacity through the constraint point.
3. Subject to operational capabilities of the TSP.
4. The standards should be generic enough to accommodate TSPs implementations.
5. Applies to subject gas day.
6. The bumping rules of firm over interruptible are maintained.
7. If the redirect can not be scheduled then the space through the constraint point is lost.

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NAESB ORDER 698 – (7C) TIMELY INTRADAY NOMINATION TIMELINE
DECEMBER 1, 2007

Timely / Intraday Nomination Timeline

NAESB WGQ Standard/Tariff Reference
NAESB WGQ Standard 1.3.2
(Note: all times are central clock time)

Nomination Cycle (Flow Time)	Nomination Deadline	Confirmation Deadline	Scheduled Quantity Available By
Timely Cycle **9:00 a.m.**	**11:30 a.m.** (EDI 11:45 a.m.) the day before the gas flows	**3:30 p.m.** the day before the gas flows	**4:30 p.m.** the day before the gas flows
Evening Cycle **9:00 a.m.**	**6:00 p.m.** (EDI 6:15 p.m.) the day before the gas flows	**9:00 p.m**. the day before the gas flows	**10:00 p.m.** the day before the gas flows
Intraday 1 Cycle **ID1 5:00 p.m.**	**10:00 a.m.** (EDI 10:15 a.m.) the day the gas flows	**1:00 p.m.** the day the gas flows	**2:00 p.m.** the day the gas flows
Intraday 2 Cycle **ID2 9:00 p.m.**	**5:00 p.m.** (EDI 5:15 p.m.) the day the gas flows	**8:00 p.m.** the day the gas flows	**9:00 p.m.** the day the gas flows
Intraday 4 West Cycle **ID4W 1:00 a.m.**	**11:00 p.m.** the day the gas flows. (EDI is not available for this cycle)	**11:30 p.m.** the day the gas flows.	**11:45 p.m.** the day the gas flows.
Intraday 4 East Cycle **ID4E 6:00 a.m.**	**5:00 a.m.** the day the gas flows. (EDI is not available for this cycle)	**5:30 a.m.** the day the gas flows.	**5:45 a.m.** the day the gas flows.

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NAESB ORDER 698 – (7C) TIMELY INTRADAY NOMINATION TIMELINE
DECEMBER 1, 2007

Discussion Timeline – November 14, 2007 (Redline)

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

One hour between confirmed deadline and scheduled quantity.
Suggested flow time never earlier than the scheduled quantity.

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NAESB ORDER 698 – (7C) TIMELY INTRADAY NOMINATION TIMELINE
DECEMBER 1, 2007

Discussion Timeline – November 14, 2007 (Clean)

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

One hour between confirmed deadline and scheduled quantity.
Suggested flow time never earlier than the scheduled quantity.

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NAESB DSM-EE ACTIVITY SUMMARY
NOVEMBER 30, 2007

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

- **April 11, 2007:** Several representatives of the NAESB WEQ, REQ, and RGQ as well as representatives of the US Department of Energy, US Environmental Protection Agency, FERC, and other industry experts met at the Department of Energy offices in Washington, D.C. to discuss the NAESB effort to draft business practices for Demand Side Management and Energy Efficiency. Ongoing Energy Efficiency and DSM projects and programs by other groups (such as NAPEE) were reviewed by the meeting attendees. The following resolution outlines the scope of the initial effort by NAESB to draft business practice standards for these topics: It was decided that NAESB should begin its standards development focus on measurement and verification of energy savings and peak demand reduction from both a wholesale and retail electric market perspective. A future schedule of meetings for DSM and Energy Efficiency should be posted on the NAESB website shortly.
- **May 24, 2007:** 75 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants (22% more than the first meeting) met in person and by conference telephone at NAESB headquarters in Houston to refine the scope of Phase 1 activities, agreeing on a specific list of tasks and assigning subgroups of volunteers to work on each task. At this meeting, no less than 28 individuals spoke to the group.
- **June 18, 2007:**. 51 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants met in person and by conference telephone at BGE offices in Baltimore to further refine the scope of Phase 1 activities by reviewing the initial task list and revising it with more detailed deliverable requirements and dates, and with identification of base documents to support completing each task.
- **July 26, 2007:** 46 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants met in person and by conference telephone at AGA offices in Washington DC to present deliverables of existing demand response measurement and verification protocols and a list of 41 possible topics and subtopics for NAESB model business practices. The task force reviewed all 41 possibilities, deciding whether to draft MBPs and which ones can be grouped together.
- **September 14, 2007:** The results of the meeting including possible standards text were sent out for comment including notes, considerations and possible standards text. Comments were requested on each of the nine standards development areas including whether the remarks were directed to wholesale or retail markets, pre program evaluation or post implementation evaluation, or to DSM or EE projects.
- **September 25, 2007:** A DSM-EE meeting was held in Austin, Texas hosted by ERCOT. THe purpose of the meeting was to review the comments, determine the level of progress made towards the task list and determine is adjustments to the task, focus or schedule were needed. When reviewing the comments it was determined to focus in five areas specific to demand response programs, and develop business practice standards that would prove helpful – (1) DR programs administered by ISOs and RTOS in the wholesale markets, (2) DR programs administered by utilities in wholesale markets, (3) DR programs administered by utilities in the retail markets, (4) a glossary to support the DR programs, and (5) a preamble to put the business practice standards in context. To focus on the DR programs, each of the three areas outlined will develop a matrix that describes the aspects of the DR programs in effect today, planned, or has been in effect in the past.
- **November 6, 2007:** Several of the NAESB leadership met with Commissioners Kerr and Ervin of NC to gain further understanding of expectations for DSM-EE NAESB activity for electricity for the retail markets.
- **November 11, 2007**: NAESB participated in a panel on DSM-EE at the NARUC Annual Meeting in Anaheim.
- **November 20-27, 2007:** Planning sessions were held for 4 of the 5 groups. The ISOs are holding their own sessions to prepare the ISO matrix.

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NAESB DSM-EE ACTIVITY SUMMARY
NOVEMBER 30, 2007

- **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 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.
- **Planned, December 3, 2007:** A meeting is scheduled with Commissioner Mason of Ohio to gain further understanding of expectations for DSM-EE NAESB activity for natural gas for the retail markets.
- **Planned, January 23, 2007:** Planned meeting hosted by BGE in Baltimore.

THE FOLLOWING INCLUDES:

- DSM-EE DISTRIBUTION LIST PAGE 3
- AGENDA 11-30-07 WITH WORK PAPER LINKS AND TASKS PAGE 11

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Robert W. Gee, The Gee Strategies Group
Howard Geller, Southwest Energy Efficiency Alliance
Heather Gewander, SRA International
Tom Gianneschi, Energy Regulatory Affairs, Alcoa, Inc.
Kelly Ross Gillespie, Southeast Energy Efficiency Alliance c/o Alliance to Save Energy
Theresa Gross, Public Utility Commission of Texas
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Nick Hall, TecMarket Works
Dave Hanna, Itron – Consulting & Analysis
Leanne Harrison, PJM Interconnection, LLC
Leonard Haynes, Southern Company
Tim Healy, EnerNOC
Jeff Hein, Colorado Public Utilities Commission
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David Huffman, NAESB
John Hughes, Electricity Consumers Resource Council (ELCON)
Neil Hutchings, Ontario Power Authority
Ryan Irwin, Federal Energy Regulatory Commission
Steve Isser, Good Company Associates
Michael Jacob, Progress Energy Carolinas, Inc.
Diane Jenkins, Virginia State Corporation Commission
Lesa Jenkins, Missouri Public Service Commission
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Bruce Johnson, KeySpan Corporation
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David Kelly, Baltimore Gas and Electric
Laura Kennedy, NAESB
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Robert King, Good Company Associates
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Rebecca A. Klein, Loeffler Tuggey Pauerstein Rosenthal, LLP
Mark Klein, Public Service Co. of New Mexico
David Koogler, Dominion
Steve Krein, Electric Reliability Council of Texas
Faith S. Lambert, Office of Weatherization and Intergovernmental Program, EE-2K
Rob Lamoureux, Midwest ISO
Pete Langben, PJM Interconnection, LLC
David LaPlante, ISO New England Inc.
Mark Lauby, North American Electric Reliability Corporation
Melissa Lauderdale, Edison Electric Institute
Robert Laurita, ISO New England Inc.

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NAESB DSM-EE AGENDA, WORK PAPER LINKS AND ACTION ITEMS FROM 11-30-07

AGENDA AND WORKING DOCUMENT LINKS:

10:00 am

1. Opening Remarks

2. Administrative
   - Housekeeping
   - Antitrust Guidance
   - Approval of Agenda

     Agenda: http://www.naesb.org/pdf3/dsmee113007a.doc
   - Approval of September 25 Minutes

     Minutes: http://www.naesb.org/pdf3/dsmee092507rdm.doc

3. Discussion of development of ISO/RTO Demand Response Matrix for Wholesale Markets, including results of ISO working sessions held to date

   ISO Matrix Template: http://www.naesb.org/pdf3/dsmee113007w1.xls

   Workplan: http://www.naesb.org/pdf3/dsmee113007w2.doc

4. Discussion of development of Demand Response Matrix for Wholesale Markets for non-ISO areas, including results of the working session held on November 20 from 2:00 pm to 4:00 pm C

   Wholesale Matrix Template: http://www.naesb.org/pdf3/dsmee113007w7.xls

   ISO Template: see agenda item 3 above (http://www.naesb.org/pdf3/dsmee113007w1.xls)

   Notes from November 20 call: http://www.naesb.org/pdf3/dsmee113007w12.doc

5. Discussion of development of Demand Response Matrix for Retail Markets including results of the working session held on November 21 from 8:00 am to 10:00 am C

   Retail Matrix Template: http://www.naesb.org/pdf3/dsmee113007w6.xls

   Notes from November 21 call: http://www.naesb.org/pdf3/dsmee113007w11.doc

6. Discussion of development of preamble text including results of the working session held on November 27 from 10:00 am to noon C

   Report: http://www.naesb.org/pdf3/dsmee113007w3.doc

   Appendix 1: http://www.naesb.org/pdf3/dsmee113007w4.zip

   Appendix 2: http://www.naesb.org/pdf3/dsmee113007w5.zip

   Outline of Report and Appendices: http://www.naesb.org/pdf3/dsmee113007w10.doc

   Notes from November 27 call: http://www.naesb.org/pdf3/dsmee113007w14.doc

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NAESB DSM-EE AGENDA, WORK PAPER LINKS AND ACTION ITEMS FROM 11-30-07

7. Discussion of development of glossary including results of the working session held on November 26 from 2:00 pm to 4:00 pm C

   Glossary of Terms Reference Document: http://www.naesb.org/pdf3/dsmee113007w9.doc

   Notes from November 26 call: http://www.naesb.org/pdf3/dsmee113007w13.doc

8. Other Items and Business

9. Next Steps and Meetings
   - Upcoming Agenda Items
   - Upcoming Deliverables
   - Identification of additional tasks and assignments

4:00 pm 10. Adjourn

ACTION ITEMS FROM 11-30-07:

- Progress made on ISO and RTOc Matrix and Updated ISO Work Plan – Eric Winkler and ISO Group
- Modification of Retail Matrix to add additional Columns – Rae McQuade and Retail Matrix Group
- Modification of Retail Matrix to include additional examples – ComVerge, BGE, Alabama Power, Retail Group
- Prepare cover letter asking for others to provide data to the retail matrix – Retail Matrix Group
- Contact several groups to determine if non-ISO Wholesale Matrix is needed – Rae McQuade
- Review progress of development of matrices with NAESB Board of Directors
- Update preamble to reflect matrices, glossary and bot retail and wholesale market efforts
- Identify terms in glossary that would be helpful as related to DR programs described in matrices

RELATED REFERENCE DOCUMENTS:

- NERC Demand Side Management Influence on Reliability, November 27, 2007: http://www.naesb.org/pdf3/nerc_dsmtf_report_110307.doc
- IRC Harnessing the Power of Demand, October 16, 2007: http://www.naesb.org/pdf3/irc_dr_report_101607.pdf
- FERC Staff Report on Demand Response, September 2007: http://www.ferc.gov/legal/staff-reports/09-07-demand-response.pdf
- RSVP List for 11-30-07 Meeting as of 11-27-07: http://www.naesb.org/misc/dsm_113007_rsvp.pdf

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NAESB UPDATE: VERSION 1.0 - WEQ
DECEMBER 1, 2007

THE FINAL ACTIONS TO BE APPLIED TO WEQ VERSION 0 TO CREATE WEQ VERSION 1:

Version 0 was published on January 15, 2005.

2007:

- R05018 Final Action - Revise the e-Tag Specification to allow PSEs associated with a transmission segment in the tag optional approval rights - Ratified September 17, 2007
- Final Action R06026/WEQ 2007 Annual Plan Item 1(b) - Revise WEQ-004 Coordinate Interchange Business Practice Standard requirement 2.2 and the table contained in Appendix A, part B, to exempt the WECC - Ratified September 17, 2007Final Action R06026/WEQ 2007 Annual Plan Item 1(b) Attachment
- R07002 Final Action - Division of OASIS Standards and Communication Protocols (S&CP, WEQ 002, WEQ 003) - Ratified September 17, 2007R07002 Final Action Attachment 1 - Revisions to S&CPs R07002 Final Action Attachment 2 - Revisions to Data Dictionary R07002 Final Action Attachment 3 - implementation Guide
- 2007 WEQ Annual Plan Item 2 Final Action - Recommendation for Revision to Final Action R04006D to align the Resales Standards with Order 890 - Ratified July 23, 2007
- 2007 WEQ Annual Plan Item 3(a)(2) Final Action - Recommendation for 2007 WEQ Annual Plan Item 3(a)(2) - Implementation of S&CP changes to support Standards of Conduct business practices - Ratified April 7, 2007 2007 WEQ Annual Plan Item 3 (a)(2) Final Action Attachment
- R04006C1 Final Action - Recommendation R04006C1 - OASIS 1A Enhancements – Redirects (Release Mechanism)- Ratified April 7, 2007.
- R05001 Final Action - Recommendation - Amend WEQ R03013 to Align Coordinate Interchange Transactions with Version 0 (Ratified June 22, 2006) - Minor Correction Applied March 20, 2007. R05001 Final Action Attachment - Permanent Numbering Applied November 16, 2006 - Minor Correction Applied March 20, 2007
- R03007 and WEQ 2006 Annual Plan Item (3)(iii) Final Action - WEQ Public Key Infrastructure (PKI) Standards - Ratified February 10, 2007.

2006:

- **Recommendation R04035/R05002:** Clarify OASIS 1A nomenclature and amend WEQ standard 4.19/Amend sections 9.5 and 10.5 of OASIS 1A redirect standards. (*Ratified on 1/9/06)*.
- **Recommendation R04013A:** WEQ Annual Plan Item 1 - Develop Version 0 business practice standards that complement NERC's Version 0 reliability standards – TLR. (*Ratified on 4/10/06*).
- **Recommendation R05001:** Amend WEQ R03013 to align coordinate interchange transactions with Version 0. (*Ratified on 6/22/06*).
- **Recommendation R05007:** Removal of ERCOT references to WEQ Version 0 Standards. (*Ratified on 6/22/06*).
- **Recommendation R06002 (Revised):** Modify the NAESB pre-split Version 0 TLR BP to remain consistent with NERC IRO-006-1 pre-split TLR reliability standards (SPP regional difference for the inclusion of market flows); (*Ratified on 9/1/06*).
- **Recommendation for WEQ 2006 Annual Plan Item (3)(c)(i) as revised by the WEQ Executive Committee:** Development of business practice for Standards of Conduct link on OASIS page; (*Ratified on 10/2/06)*.

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NAESB UPDATE: VERSION 1.0 - WEQ
DECEMBER 1, 2007

- **Recommendation R04036 as revised by the WEQ Executive Committee:** Amend definitions, terms and numbering of WEQ Order 2004 (affiliate) standards; (*Ratified on 10/2/06)*.
- **Recommendation R04006D as revised by the WEQ Executive Committee:** OASIS 1A Enhancements - Sale or Assignment of Transmission Service; (*Ratified on 10/2/06*).

2005:

- **Recommendation** R04035/R05002 Final Action - Revisions to OASIS for Redirects - Ratified January 5, 2006. R04035/R05002 Final Action Attachment 1 - Appendix B R04035/R05002 Final Action Attachment 2
- **Recommendation R04021:** Definitions and standards for daily operational communications between pipelines and power plants. (*Ratified 7/8/05*).
- **Recommendation R05009:** Modify the NAESB Version 0 TLR business practices to remain consistent with the NERC Version 0 TLR reliability standards. (*Ratified 10/10/05*).
- **2003 WEQ Annual Plan Item 6-IIP:** (IIPTF Final Report) Develop business practices standards for Inadvertent Interchange Payback. *(Adopted by the WEQ EC on 11/29/05 – no ratification required.)*
- **Recommendation R04013A:** Version 0 Business Practices Standards – Development of post-split "Version 0" Transmission Loading Relief Business Practice Standard. *(Adoption pending notational ballot. Ratification held in abeyance until TLR implementation issues between NERC and NAESB, including ongoing development of both the commercial and reliability aspects of TLR have been clearly defined. This determination to be made by the NAESB WEQ Members of the Board of Directors.) – See 2006*
- **Recommendation R04006D:** OASIS 1A Enhancements – Sale or Assignment of Transmission Service. *(WEQ EC voted back to Electronic Scheduling Subcommittee and Information Technology Subcommittee on 11/29/05 issues surrounding Redirect Standard 9.8.1.)*
- **Recommendation R04035:** Version 0 Transmission Loading Relief. *(WEQ EC voted on December 19 to approve the standards and hold ratification until the WEQ Board members are assured that appropriate levels of coordination for TLR standards development exist between NERC and NAESB). – See 2006*

TIMELINE:

- Version 1.0 was published October 31, 2007.
- To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken two months prior to publication.

July-August:	Subcommittee Recommendations Completed
August-September	EC Actions
September-October	Ratifications Complete
October	Publication and Minor Corrections Applied after EC Adoption and Comment Period
November	Review publication for other minor corrections
December	File Version 1 with the FERC

- The NAESB office is currently in the process of applying final actions to version 0.

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NAESB UPDATE: VERSION 1.1 -- RETAIL
DECEMBER 1, 2007

THE FINAL ACTIONS TO BE APPLIED TO RETAIL VERSION 1 TO CREATE RETAIL VERSION 1.1:

Version 1 was published on September 27, 2005.

2005:

- **Recommendation R04030:** Add a new data element to the Internet Electronic Transport (Internet ET) "refnum-orig". (*Ratified 9/26/05*).
- **Retail Gas Quadrant Annual Plan Item 6 and Retail Electric Quadrant Annual Plan Item 6:** Establish the Quadrant specific EDM (QEDM) standards for REQ and RGQ. (*Ratified 9/26/05*).

2006:

- **Recommendation R05013:** Develop a model electric retail contract. (*Ratification ballots due on 01/07/07*).
- **Retail 2006 Annual Plan Item 4(i):** Customer Enrollment model business practices. (*Ratification ballots due on 01/07/07*).

2007:

- **2007 Retail Annual Plan Item 3a(ii):** "Customer Drop" model business practices. (*Ratified August 20, 2007).*
- **Third Recommendation for 2007 Annual Plan Item 1(a):** "Additional Billing and Payment Model Business Practices" *(Ratified August 20, 2007)*
- **Second Recommendation for 2007 Retail Annual Plan Item 1 (a):** "Technical Electronic Implementation Standards for Billing and Payment: Recommendation Attachment: http://www.naesb.org/member_login_form.asp?doc=retail_rat071907_2007_retail_api1a_rec_rev050907_attachment.doc. (*Ratified August 20, 2007).*
- **2005 Annual Plan Item 3:** "Customer Information. (*Ratified August 20, 2007).*
- **Recommendation for Retail 2007 Annual Plan Item 3a(ii)** - Customer Drop (*Ratified August 20, 2007*)
- **Recommendation for Retail 2007 Annual Plan Item 1(a)** – Additional Billing and Payment MBPs; Attachment to Recommendation (*Ratified August 20, 2007)*
- **Recommendation for Retail 2005 Annual Plan Item 3** – Customer Information (*Ratified August 20, 2007*)
- **Recommendation R05016** - Standards or model business practices for electronic retail billing transactions and bill payment transactions between customers, suppliers, and utilities (*Ratified August 20. 2007*)
- Recommendations that are approved by the EC on November 7 and subsequently ratified, which may include:
  - WGQ 2007 AP 4: Joint Analysis of AS2 and AS3 protocols as compared to the NAESB IET
  - 2007 AP 5: Model Business Practices for Customer Information,
  - 2007 AP 5: Technical Implementation for Customer Information
  - 2007 AP 3a(iii) Account Information Change

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NAESB UPDATE: VERSION 1.1 -- RETAIL
DECEMBER 1, 2007

TIMELINE:

- Version 1.1 publication date was originally scheduled for yearend 2007, but has now been scheduled for mid 2008 to permit the registration model and the Sandia enhancements to be reflected in the documents. The Retail Leadership group met in September 26 to discuss and set the publication date.
- To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken three months prior to publication.

Month - 3	Subcommittee Recommendations Completed and sent out for comment
Month - 2	EC Actions taken
Month - 1	Ratifications sent out and completes, minor corrections applied
Month 0	Date of Publication.

TAB 6

COPYRIGHT REPORT

This section includes:

- The copyright report as of December 1, 2007

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

The NAESB office will review the report. The General Counsel may respond to questions on the copyright policy and the protection given to our standards under Federal Copyright Act. No action by the Board is expected. Board members may use this opportunity to discuss copyrights and waivers.

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AS OF DECEMBER 1, 2007

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REASON FOR ACCESS TO STANDARDS:

NAESB standards are developed by the industry to improve the transparency and transactional efficiency of the energy markets. From NAESB's perspective, all standards are voluntary.

The retail standards are available to support customer choice programs and other aspects of retail markets not related to customer choice programs. Some of the retail technical standards have been adopted by the states and are mandatory. The majority of the retail standards are voluntary. Access to the standards is necessary for implementation and ultimately, to benefit from the efficiency they introduce.

The Wholesale Gas Standards (WGQ Version 1.7) and the Wholesale Electric Standards (WEQ Version 000) with a few exceptions have been incorporated by reference by the Federal Energy Regulatory Commission into federal regulations and are mandatory for federal jurisdictional entities. The Commission, in adopting the standards, sets requirements for compliance and penalties for non-compliance. NAESB does not monitor for compliance nor does it set standards

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that address penalties for non-compliance. Access to the standards is necessary for implementation and ultimately, to benefit from the efficiency they introduce. Access is also needed to ensure compliance.

Standards access is provided 1) through membership in NAESB, 2) by purchase of annual web site access, 3) via attendance at NAESB courses for specific standards, 4) through purchase at a nominal price, or 5) by receipt of a special license. In each instance, access is limited and non-transferable.

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  The NAESB Wholesale Electric Quadrant (WEQ) Standards Manuals Relating to Open Access Same-Time Information Systems (OASIS), Coordinate Interchange, Area Control Error (ACE) Equation Special Cases, Manual Time Error Correction, Inadvertent Interchange Payback, Transmission Loading Relief (Eastern Interconnection), Standards of Conduct, and Contracts, and any amendments or errata thereto, are protected by NAESB's federal copyright 2005-2006. NAESB hereby grants the authorized users who are NAESB members in good standing permission to reproduce material therein for internal reference and use and not for use by any unauthorized third parties. Reproduction in any other form, or for any other purpose, is forbidden without express permission of NAESB. Copies are available for purchase from NAESB. This non-exclusive limited license is non-transferable and may be revoked without notice upon violation of the terms contained herein or any applicable law or regulation. Each user grants NAESB the right to audit its use to assure compliance with these terms.

- Wholesale Gas Quadrant Version 1.7 Standards for Nominations, Flowing Gas, Invoicing, Electronic Delivery Mechanisms, Capacity Release, Contracts, Interpretations, and Additional Standards:

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- Retail Gas and Electric Model Business Practice Standards for Master List of Defined Terms, Market Participant Interactions, Creditworthiness, Billing and Payments, Electronic Delivery Mechanisms, Distribution Company-Supplier Disputes, Contracts, and Internet Electronic Transport:

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8760	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Aarrowcast, Inc.		✓									✓	
Adams Resources Marketing, Ltd.		✓										✓
ABN AMRO Inc.		✓						✓				
Accenture		✓							✓			✓
ACES Power Marketing LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
AGL Resources Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Alabama Electric Cooperative, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Alabama Power	✓			✓		✓	✓	✓	✓	✓	✓	✓
Alberta Electric System (ISO Operating)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Algonquin Gas Transmission, LLC		✓						✓			✓	
Allegheny Energy		✓		✓		✓						
Allegheny Energy, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Allegiant Energy Group, LP		✓										
Allegro Deveopment	✓			✓		✓	✓	✓	✓	✓	✓	✓
Allen & Overy		✓									✓	✓
Alliance Pipeline LP	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓

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Alliance Pipeline Ltd		✓	✓					✓	✓			
Alston & Bird, LLP		✓									✓	
Alterra Healthcare, Inc.		✓									✓	
Amarillo Natural Gas		✓										✓
Amerada Hess Corp		✓					✓					
Ameren Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ameren Services	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ameren Services Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
American Crystal Sugar Company		✓									✓	
American Electric Power Service Corp.	✓			✓		✓	✓	✓	✓	✓	✓	✓
American Municipal Power - Ohio, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
American Public Power Association	✓			✓		✓	✓	✓	✓	✓	✓	✓
American Transmission Company LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ameristar Casinos, Inc.		✓									✓	
Anadarko Energy Services			✓								✓	
Anadarko Energy Services Company	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Anadarko Petroleum Corp.			✓						✓			✓

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Analysis Group		✓									✓	
Andrews Kurth LLP		✓						✓			✓	✓
ANR Storage Company		✓						✓	✓		✓	✓
ANR Pipeline Company	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Apache Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
APS Marketing and Trading	✓			✓		✓	✓	✓	✓	✓	✓	✓
Arent Fox PLLC		✓									✓	
AREVA TGD Corporation		✓		✓								
Arizona Public Service Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ater Waynne LLP of Portland Oregon		✓		✓		✓	✓	✓			✓	
Atlas Pipeline Mid-Continent, LLC		✓						✓	✓		✓	✓
Atmos Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
Avista Corporation		✓		✓		✓						
Avista Energy, Inc.		✓									✓	
Baden Energy Consulting, Ltd.		✓								✓		✓
Baker Botts, LLP		✓						✓			✓	✓
Balch & Bingham LLP			✓									✓

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Ballard Natural Gas, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Baltimore Gas & Electric Co.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Baltimore Gas & Electric Company			✓								✓	
Barclays Bank PLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Basin Electric Power Cooperative	✓			✓		✓	✓	✓	✓	✓	✓	✓
Beacon Energy LLC		✓										✓
Bear Paw Energy, LOC		✓						✓				
Beatty & Wozniak, PC		✓										✓
Bell, Davis & Pitt PA		✓									✓	
Benjamin Schlesinger & Associates		✓									✓	
Bentley, James		✓									✓	
Berry Petroleum Company		✓									✓	
Best Energy *(purchased WGQ Version 1.6)*		✓										
BG LNG Services, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Biagiotti		✓									✓	
Black Marlin Pipeline		✓						✓	✓		✓	✓
Black River Capital		✓										✓

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Blackwell Sanders		✓										✓
Blake, Cassels, and Graydon, LLP		✓									✓	
Blue Lake Gas Storage Company		✓						✓	✓		✓	✓
Blue Star Energy Services, Inc. ***(WGQVersion 1.6)***												
Boeing Company, The	✓			✓		✓	✓	✓	✓	✓	✓	✓
John R. Bonica, PC		✓										✓
Bonneville Power Administration	✓			✓		✓	✓	✓	✓	✓	✓	✓
BP America Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
BP Energy	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Bracewell & Giullani, LLP		✓		✓		✓		✓				✓
Bracewell & Patterson, LLP		✓									✓	
Brickfield Burchette Ritts and Stone		✓									✓	
Bridgeline Gas Distribution LLC		✓									✓	
Bridgeline Holdings, LP		✓									✓	
Bridgeline Storage Company LLC		✓									✓	
British Columbia Transmission Corporation		✓		✓		✓						
Brown, Williams, Moorhead & Quinn, Inc.		✓						✓	✓		✓	✓

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Butler Snow O'Mara Stevens & Cannada, PLLC												✓
California Department of Water Resources	✓			✓		✓	✓	✓	✓	✓	✓	✓
California ISO	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Calpine Energy Services, LP	✓			✓		✓	✓	✓	✓	✓	✓	✓
Caledonia Energy Partners, LOC		✓									✓	
Camterra Resources, Inc.		✓									✓	
Canyon Creek Compression Company		✓						✓	✓		✓	✓
Cargill Incorporated	✓			✓		✓	✓	✓	✓	✓	✓	✓
Cargill Power Markets, LOC		✓		✓		✓						
Carolina Gas Transmission Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Cascade Natural Gas Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
CenterPoint Energy		✓	✓	✓		✓	✓	✓			✓	✓
Center Point Energy Minnegasco	✓			✓		✓	✓	✓	✓	✓	✓	✓
CenterPoint Energy Gas Services, Inc.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
CenterPoint Energy Gas Transmission Company	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
CenterPoint Energy Mississippi River Transmission Corp.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Central Electric Power Cooperative	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Chadbourne & Parke, LLP		✓										✓
Chandeleur Pipe Line Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Charles River Associates		✓						✓				
Charlevoix Energy Trading, LLC		✓								✓		
Chemtura Corporation		✓										✓
Cheniere LNG Marketing, Inc.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Cheniere Pipeline Company		✓									✓	
Chesapeake Utilities		✓									✓	
Chevron/Bridgeline Holdings, L.P.			✓									✓
Chevron/Texaco	✓			✓		✓	✓	✓	✓	✓	✓	✓
ChevronTexaco Energy Research and Technology	✓			✓		✓	✓	✓	✓	✓	✓	✓
Cheyenne Plains Gas Pipeline Company		✓						✓	✓		✓	✓
CIMA Energy, Inc.		✓							✓			✓
Cimarex Energy Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Citigroup	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Citizens Gas		✓						✓				
City Forest Corporation		✓									✓	

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City of Burbank - Water and Power Department		✓										✓
City of Fort Stockton		✓									✓	
City of Redding		✓		✓								
Cleary Gottlieb		✓									✓	
Cleco Power, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Colorado Interstate Gas Company		✓						✓	✓		✓	✓
Colorado Springs Utilities	✓			✓		✓	✓	✓	✓	✓	✓	✓
Cleo Communications		✓							✓			✓
Columbia Gas Transmission Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Combine Net, Inc.		✓									✓	
Commerce Energy Group	✓			✓		✓	✓	✓	✓	✓	✓	✓
Compass Energy Services		✓									✓	
Comperio Energy, LLC		✓				✓						
Comprehensive Energy Services	✓			✓		✓	✓	✓	✓	✓	✓	✓
ConEdison			✓									✓
Conectiv Energy Supply, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
ConocoPhillips Company			✓									✓

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ConocoPhillips Gas and Power	✓			✓		✓	✓	✓	✓	✓	✓	✓
Consolidated Edison Company of New York, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Consolidated Edison Company of NY	✓			✓		✓	✓	✓	✓	✓	✓	✓
Constellation Energy Commodities Group, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Constellation Generation Group	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Constellation NewEnergy, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Consumers Energy		✓									✓	
Consumers Energy Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Copano Energy, LLC		✓										✓
Coral Energy Resources, LP	✓			✓		✓	✓	✓	✓	✓	✓	✓
Coral Power, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Costco Wholesale		✓								✓		
CRA International		✓						✓			✓	
Craig, Brian P.		✓									✓	
Credit Suisse First Boston		✓						✓				
Cross-Sound Cable Co., LLC		✓		✓		✓						
Cullen and Dykman, LLP		✓						✓				

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Cummings Law Offices, Allen D.		✓										✓
Cypress Natural Gas Marketing, LOC		✓										✓
Dairyland Power Cooperative	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dauphin Island Gathering Partners	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Day, Berry & Howard, LLP		✓		✓		✓						
DB Energy Trading	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dean Health System		✓									✓	
Decatur Memorial Hospital		✓									✓	
Defense Energy Support Center	✓			✓		✓	✓	✓	✓	✓	✓	✓
Delta Energy, LLC		✓										✓
Department of Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
Department of the Interior, US Bureau of Reclamation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dewey Ballantine, LLP		✓		✓		✓	✓	✓			✓	
Direct Energy		✓										✓
Direct Energy Business Services	✓			✓		✓	✓	✓	✓	✓	✓	✓
Discovery Gas Transmission		✓							✓			✓
Dominion Cove Point LNG, LP		✓						✓				

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Dominion Energy Marketing, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dominion Exploration and Production, Inc.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Dominion Resources	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dominion Retail	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dominion Retail, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dominion South Pipeline Company, LP		✓						✓				
Dominion Transmission, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Dominion Virginia Power	✓			✓		✓	✓	✓	✓	✓	✓	✓
Doyle, William M.		✓										✓
DPC Juniper		✓									✓	
Drury Inns, Inc.		✓								✓		
DTE Energy Company	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Duke Energy Corp.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Duke Energy Field Services			✓									✓
Duke Energy Gas Transmission - Texas Eastern	✓			✓		✓	✓	✓	✓	✓	✓	✓
Duncan, Weinberg, Genzer & Pembroke, LP		✓										✓
Duquesne Light Company		✓										✓

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Dynegy Power Marketing, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Eagle Energy I, LP			✓									✓
East Resources Inc.		✓									✓	✓
East Tennessee Natural Gas, LLC		✓						✓			✓	
Eastern Shore Natural Gas Company		✓						✓				
EC Power International	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Edison Electric Institute	✓			✓		✓	✓	✓	✓	✓	✓	✓
Edison Mission Marketing & Trading, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
EES Consulting		✓		✓		✓						
Egan Hub Storage, LC		✓						✓			✓	
El Paso E & P, L.P.		✓						✓				
El Paso Electric Company		✓			✓							
El Paso Exploration & Production Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
El Paso Industrial Energy, L.P.		✓						✓				
El Paso Marketing, L.P.		✓						✓				
El Paso Natural Gas	✓			✓		✓	✓	✓	✓	✓	✓	✓
Electric Power Supply Association	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Electric Reliability Council of Texas (ERCOT)	✓			✓		✓	✓	✓	✓	✓	✓	✓
ElectriCities of North Carolina (North Carolina Eastern Municipal Power Agency)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Elizabethtown College		✓									✓	
Empire District Electric Company, The	✓			✓		✓	✓	✓	✓	✓	✓	✓
EMS Pipeline Services		✓						✓				
Enbridge Energy		✓	✓						✓		✓	✓
Enbridge Energy Company, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
EnCana Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
EnCana Marketing (USA) Inc.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Encore Acquisition Company		✓										✓
Enerdynamics LOC		✓									✓	
Energy Advantage		✓									✓	
Energy Corporation of America		✓	✓					✓				✓
Energy East Management Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Energy Gateway		✓					✓				✓	
Energy Services Group, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Energy Solutions Inc.		✓										✓

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Energy South Services, Inc.		✓										✓
Energy Today		✓		✓		✓						
Energy West Inc		✓						✓			✓	
Enermetrix		✓								✓		
Engineered Systems Magazine		✓								✓		
Enogex, Inc.		✓						✓				
Enogex Gas Gathering, LLC		✓									✓	
Enserco Energy		✓							✓			✓
Enstor Operating Company		✓							✓			✓
Entegra Power Services, LOC		✓										✓
Entergy Services, Inc.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Enterprise Products Partners, L.P.	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
ENTESSA, LLC		✓						✓			✓	
EOG Resources, Inc.			✓									✓
EPSolutions *(Version 1.4 CD-ROM)*		✓										
Equitable Gas Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Exceleron Software		✓						✓				

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Exelon Corporation - PECO Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
Exelon Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
Exelon Energy Delivery	✓			✓		✓	✓	✓	✓	✓	✓	✓
Exelon Generation - Power Team	✓			✓		✓	✓	✓	✓	✓	✓	✓
Extendicare Health Services		✓									✓	
ExxonMobil		✓						✓	✓		✓	✓
ExxonMobil Gas Marketing	✓			✓		✓	✓	✓	✓	✓	✓	✓
ExxonMobil Gas & Power Marketing		✓							✓			✓
ExxonMobil Power & Gas Marketing			✓									✓
Featherwood Capital		✓						✓				✓
Federal Express		✓										✓
Federated Dept. Stores		✓									✓	
Fielder, Jerry		✓									✓	
FirstEnergy Service Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
FirstEnergy Solutions Corp.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Florida Gas Transmission Company, LLC		✓							✓			✓
Florida Municipal Power Agency	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Florida Power & Light Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Florida Reliability Coordinating Council	✓			✓		✓	✓	✓	✓	✓	✓	✓
Foothills Pipe Lines (SASK) Ltd.		✓						✓	✓			✓
Foothills Pipelines (South BC) Ltd.		✓							✓			✓
FPL Energy Power Marketing, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
FPL Energy Services, Inc.		✓									✓	
Frank F Lyman		✓									✓	
Fulbright & Jaworski, LLP		✓						✓	✓		✓	✓
Fulwood, Michael		✓									✓	
Galway Group, LP		✓						✓			✓	
Gas Transmission Northwest Corporation	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
GDS Associates Inc.		✓		✓		✓						✓
Georgia Transmission Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Georgia-Pacific Corporation		✓									✓	
Gibbs & Bruns, LLP		✓						✓			✓	
Glencore, Ltd.		✓										✓
Global Energy, Inc.		✓										✓

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Globeleq		✓									✓	
Great Lakes Gas Transmission	✓			✓		✓	✓	✓	✓	✓	✓	✓
Green Gas Energy, LLC		✓										✓
Greenberg Traurig		✓						✓			✓	
Group 8760	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
GSC Energy, Inc.		✓										✓
Guardian Pipeline		✓						✓	✓		✓	✓
Gulf Gas Utilities Company		✓									✓	
Gulf Power Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Gulf South Pipeline	✓			✓		✓	✓	✓	✓	✓	✓	✓
Gulfstream Natural Gas Systems, LLC		✓						✓			✓	
HGI Corporation		✓										✓
H S Resources Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Helis Oil & Gas Company, LOC		✓									✓	
Hess Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Hogan & Hartson, LLP		✓						✓	✓		✓	✓
Honeye Storage Corp. (Cullen and Dykman, LLP)		✓						✓				

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Honeywell International		✓						✓				
Horizon Pipeline Company, LOC		✓						✓	✓		✓	✓
Houston Pipe Line Company LP	✓			✓		✓	✓	✓	✓	✓	✓	✓
Hunton & Williams, LLP		✓						✓	✓		✓	✓
Hydro Gulf of Mexico			✓									✓
Hydro Quebec		✓										✓
Hydro - Quebec Transenergie	✓			✓		✓	✓	✓	✓	✓	✓	✓
Hydro One Networks	✓			✓		✓	✓	✓	✓	✓	✓	✓
ICC Energy Corporation		✓										✓
Idaho Power Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Imperial Irrigation District	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Independent Electricity System Operator (IESO)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Indiana Muncipal Power Agency	✓			✓		✓	✓	✓	✓	✓	✓	✓
Indiana Office of Utility Consumer Counselor	✓			✓		✓	✓	✓	✓	✓	✓	✓
Industrial Gas Resource Corporation		✓									✓	
INOVIS		✓						✓				
Integrys Energy Services Inc.		✓								✓		

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International Business Associates		✓									✓	
International LNG Alliance (Sweet Strategies)	✓			✓		✓	✓	✓	✓	✓	✓	✓
International Malting Company - US		✓									✓	
Interstate Gas Supply	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ipsen International, Inc.		✓									✓	
Iroquois Gas Transmission System	✓			✓		✓	✓	✓	✓	✓	✓	✓
IS Anderson & Associates Limited		✓									✓	✓
ISO New England Inc.	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
ista North America	✓			✓		✓	✓	✓	✓	✓	✓	✓
JCP Procurement LP		✓									✓	
Jackson Walker LLP			✓									✓
Jennings Strouss		✓						✓			✓	
Jetta Production Co.		✓									✓	
John C. Hilke		✓		✓								
Jones Day		✓		✓		✓		✓			✓	✓
JP Morgan Chase			✓									✓
JP Morgan Ventures Energy Corp	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Kaiser Trading, LLC		✓							✓			✓
Kean Miller		✓									✓	✓
Kentucky Natural Gas Corporation		✓									✓	
Kern River Gas Transmission Company	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Kerr McGee Oil & Gas Corp.			✓								✓	
KeySpan Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
Keystone Energy Partners, LP		✓									✓	
Kinder Morgan Interstate Transmission, LOC		✓						✓	✓		✓	✓
Kinder Morgan Tejas Pipeline, LP		✓						✓	✓		✓	✓
Kinder Morgan Texas Pipeline		✓						✓	✓		✓	✓
King & Spalding LLP		✓									✓	✓
K & L Gates		✓		✓		✓						
Koch Industries, Inc.		✓						✓	✓		✓	✓
L-3 Communications		✓									✓	
Laclede Gas Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Lannsys, Inc. *(purchased WGQ Version 1.6)*		✓										
Latham & Watkins, LP		✓									✓	

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Latitude Technologies	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Law Offices of Robert J. Rieth		✓									✓	
LeBoeuf, Lamb		✓						✓			✓	
LeClaire Mfg. Company		✓									✓	
Lehman Brothers Commodity Services Inc	✓			✓		✓	✓	✓	✓	✓	✓	✓
Lemle & Kelleher, LLP		✓						✓				
Leonard, Street, and Deinard		✓						✓				
LGI Energy Solutions		✓									✓	
Lincoln Electric System	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Little, Arthur D		✓									✓	
Locke, Liddell & Sapp, LLP		✓							✓			✓
Los Angeles Department of Water & Power		✓	✓	✓		✓					✓	
Louis Dreyfus Energy Services L.P.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Lower Colorado River Authority	✓			✓		✓	✓	✓	✓	✓	✓	✓
Lukens Energy Group		✓									✓	
Luminant (formerly TXU Energy)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Lyondell Chemical		✓									✓	✓

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Mack Services Group, The		✓					✓					
Macleod Dixon		✓									✓	
Macquarie Cook Energy, LLC	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Madison Gas & Electric		✓									✓	
Madison Metro Sewer District		✓									✓	
Makoil, Inc.		✓										✓
MAPPCOR		✓		✓		✓						
Marathon Oil Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Maritimes & Northeast Pipeline, LLC		✓						✓			✓	
Markwest Hydrocarbon, Inc.		✓										✓
Marston Law		✓						✓				
Maryland People's Counsel	✓			✓		✓	✓	✓	✓	✓	✓	✓
Materials Processing, Inc.		✓									✓	
McClymond, Ltd.		✓									✓	
McGlone, Denise		✓									✓	
McGuire Woods, LLP		✓				✓		✓	✓		✓	✓
McMillian Binch Mendelsohn LLP		✓										✓

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Medallion Exploration		✓										✓
Medicine Bow Operating Company		✓						✓				
Mercator Energy, LOC		✓						✓				
Merrill Lynch Commodities		✓						✓			✓	✓
Mewbourne Oil Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Michael Best & Friedrich, LLP		✓									✓	
Michigan Electric Transmission Company LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Michigan Public Power Agency	✓			✓		✓	✓	✓	✓	✓	✓	✓
MidAmerican Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
MidAmerican Energy Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Mid-States Energy, LP		✓										✓
Midstream Energy		✓									✓	
Midwest Independent Transmission System Operator	✓			✓		✓	✓	✓	✓	✓	✓	✓
Midwest Reliability Organization	✓			✓		✓	✓	✓	✓	✓	✓	✓
Midwestern Gas Transmission		✓						✓	✓		✓	✓
Miller, Balis & O'Neil, P.C.		✓										✓
Miller Mentzer, PC		✓						✓				

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Mirant Energy Trading, LOC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Mission Gas Energy - Gas Supply		✓						✓				
Mississippi Power Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Missouri River Energy Services	✓			✓		✓	✓	✓	✓	✓	✓	✓
Mitsui & Co (USA) Inc.		✓									✓	
Modesto Irrigation District	✓			✓		✓	✓	✓	✓	✓	✓	✓
Mojave Pipeline Company		✓						✓	✓		✓	✓
Momentum Energy Group, LOC		✓									✓	
Montana Star Pipeline Company, LP		✓									✓	
Morgan Lewis		✓						✓				✓
Morgan Lewis & Bockius, LLP		✓		✓		✓					✓	✓
Motorola Inc.		✓									✓	
Municipal Gas Authority of Georgia		✓										✓
MxEnergy		✓						✓				
National Association of Regulatory Utility Commissioners	✓			✓		✓	✓	✓	✓	✓	✓	✓
National Bank of Canada		✓							✓			✓
National Fuel Gas Distribution	✓			✓		✓	✓	✓	✓	✓	✓	✓

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National Fuel Gas Distribution Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
National Fuel Gas Supply Corp.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Nationl Grid	✓			✓		✓	✓	✓	✓	✓	✓	✓
National Grid USA	✓			✓		✓	✓	✓	✓	✓	✓	✓
National Rural Electric Cooperative Assoc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Natural Gas Pipeline Co of America	✓			✓		✓	✓	✓	✓	✓	✓	✓
Navigant Consulting, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
NECC		✓									✓	✓
NECC, LLC		✓									✓	
New Jersey Natural Gas Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
New York ISO	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
New York State Dept. of Public Service	✓			✓		✓	✓	✓	✓	✓	✓	✓
New York State Reliability Council	✓			✓		✓	✓	✓	✓	✓	✓	✓
Nexen		✓									✓	
Nexen Marketing	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Niagara Mohawk	✓			✓		✓	✓	✓	✓	✓	✓	✓
Niagara Mohawk Power Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Nicor Enerchange LLC		✓									✓	
NiSource Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Nixon Peabody LLP		✓						✓				
NONEOXE Storage Corporation		✓						✓				
North Alabama Gas District		✓										✓
North American Electric Reliability Council (NERC)	✓			✓		✓	✓	✓	✓	✓	✓	✓
North American Energy Services ***(WEQ-011 ONLY)***		✓										
North Carolina Electric Membership Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
North Carolina Electric Municipal Power Agency #1	✓			✓		✓	✓	✓	✓	✓	✓	✓
Northeast Utilities		✓		✓		✓						
Northeast Utilities Service Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Northern Border Pipeline Company	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Northern California Power Agency		✓									✓	
Northern Indiana Public Service Company (NiSource Inc.)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Northern Natural Gas	✓			✓		✓	✓	✓	✓	✓	✓	✓
Northwest Natural Gas Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Northwest Pipeline		✓	✓					✓	✓		✓	✓

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Northwestern Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Northwestern Energy		✓		✓								
NOVA Gas Transmission Ltd.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Novus Energy, LOC		✓									✓	
NRG Energy, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
NRG Information Services, Inc.		✓						✓				
NSTAR Electric and Gas		✓		✓								
Odyssey Energy Services, LOC		✓							✓		✓	
Office of Public Advocate, State of Maine	✓			✓		✓	✓	✓	✓	✓	✓	✓
OG&E Electric Services		✓		✓								✓
OGE Energy Resources, Inc.		✓										✓
Ohio Consumers Council	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ohms Energy Company, LLC		✓				✓						
OMV New Zealand Limited		✓									✓	
Oncor (formerly TXU Electric Delivery)	✓			✓		✓	✓	✓	✓	✓	✓	✓
ONEOK	✓			✓		✓	✓	✓	✓	✓	✓	✓
ONEOK Partners GP, LLC (previously: Northern Plains Natural Gas Company, Inc.)	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Ontario Power Generation	✓			✓		✓	✓	✓	✓	✓	✓	✓
Open Access Technology International, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Orrick, Herrington (Eugene Carron)		✓					✓		✓	✓		✓
Otter Tail Power Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Ozark Gas Transmission, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Pacific Gas & Electric Co.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
PacifiCorp	✓			✓		✓	✓	✓	✓	✓	✓	✓
Paine, Hamblen, Coffin, Brooke & Miller, LLP		✓		✓		✓						
Pale Global Energy Services, LOC		✓						✓	✓			✓
Panhandle Eastern Pipe Line	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Parks, Mike		✓									✓	
PECO Energy Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Pemex Gas Y Petroquimica Basica	✓			✓		✓	✓	✓	✓	✓	✓	✓
Pennsylvania Office Of Consumer Advocate	✓			✓		✓	✓	✓	✓	✓	✓	✓
Peoples Gas Light & Coke Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Peoples Gas Sytem (A division of Tampa Electric Co)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Petro-Canada		✓										✓

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Petro-Hunt, LLC		✓						✓				
Petrobras America, Inc.		✓										✓
PG Energy		✓						✓				
PHI Power Delivery	✓			✓		✓	✓	✓	✓	✓	✓	✓
Philadelphia Gas Works (APGA billing: Bert Kalisch)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Piedmont Natural Gas Company, Inc.		✓										✓
Pierce Atwood LLP		✓									✓	
Pine Needle		✓						✓	✓		✓	✓
Pipeline Consulting Corporation of Texas		✓						✓				
PJM Interconnection, LLC	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Platts	✓			✓		✓	✓	✓	✓	✓	✓	✓
Plymouth Foam Inc.		✓									✓	
Porter & Hedges, LLP		✓						✓			✓	
Portland General Electric	✓			✓		✓	✓	✓	✓	✓	✓	✓
Portland Natural Gas Transmission System	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Potomac Economics		✓		✓								
Powerex Corp.	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Power Holdings of Illinois		✓						✓			✓	
PPL Electric Utilities Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
PPL EnergyPlus, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
PPLSolutions, LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
PPM Energy, Inc.			✓								✓	
Preston Gates & Ellis		✓										✓
Progress Energy	✓			✓		✓	✓	✓	✓	✓	✓	✓
Progress Energy (Regulated)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Project Consulting Services		✓									✓	
Proliance Energy, LLC		✓										✓
Promet Energy Partners		✓				✓						
PS Energy Group, Inc.		✓										✓
PSEG Energy Resources and Trade LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
PSEG Power LLC	✓			✓		✓	✓	✓	✓	✓	✓	✓
Public Service Company of New Mexico	✓			✓		✓	✓	✓	✓	✓	✓	✓
Public Service Company of North Carolina, Inc		✓									✓	
Public Service Electric & Gas	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Public Service Electric & Gas Company	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Puget Sound Energy, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Qualedi, Inc	✓			✓		✓	✓	✓	✓	✓	✓	✓
Questar Pipeline Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Quorum Business Solutions Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Rainbow Gas Company		✓										✓
Rational Systems		✓						✓	✓			✓
Regency Gas		✓									✓	
Regency Gas Marketing, LP		✓									✓	✓
Regency Gas Services Waha, LP		✓									✓	
Regency Intrastate Gas, LOC		✓									✓	
Regency Midcon Gas		✓									✓	
Reliance Gas Transportation Ingrastructure Limited	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Reliant Energy	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Repsol YPF		✓										✓
Riley Natural Gas		✓										✓
Rockies Express Pipeline LOC		✓						✓	✓		✓	✓
Rockwell Lime Company		✓									✓	

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Rose, David (ANSI)		✓						✓			✓	
Royal Bank of Canada		✓										✓
Sabine Pipe Line LLC	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Sacramento Municipal Utility District	✓			✓		✓	✓	✓	✓	✓	✓	✓
Salt River Project Agricultural Improvement and Power District	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Saltville Gas Storage Company LLC		✓						✓			✓	
San Diego Gas & Electric		✓		✓		✓						
Santanna Energy Services		✓										✓
SASKPOWER		✓		✓		✓						✓
Saul Ewing LLP		✓									✓	
SCANA Energy Marketing Inc.		✓									✓	
Sea Robin Pipeline Company, LLC		✓						✓	✓		✓	✓
Seattle City Light	✓			✓		✓	✓	✓	✓	✓	✓	✓
Sem Group LP		✓						✓				
Seminole Electric Cooperative, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Sempra Energy - Southern California Gas Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Sempra Energy Solutions, LOC ***(WGQ V 1.6 Purchase)***		✓								✓		

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Sempra Energy Trading Corp.			✓									✓
Sempra Global		✓						✓	✓		✓	✓
Sensient Flavors, Inc.		✓									✓	
Sequent Energy			✓								✓	
Sequent Energy Management, L.P.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Shannon, Martin, Finkelstein & Sayre, PC		✓									✓	
Shell Trading Gas & Power												
Sierra Pacific Power Company		✓		✓		✓						
Sierra Pacific Resources	✓			✓		✓	✓	✓	✓	✓	✓	✓
Skadden Acps		✓						✓			✓	
Slawson Exploration Company, Inc.		✓									✓	
Smurfit Stone Container Enterprises, Inc.		✓									✓	
SNL Financial		✓						✓				
SolArc, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
South Carolina Electric & Gas Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southeastern Power Administration	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southern California Edison	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Southern California Edison Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southern Company Services	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southern Company Services, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southern Natural Gas Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southern Star Central Gas Pipeline	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Southwest Energy, L.P.			✓									✓
Southwest Gas Corporation	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Southwest Gas Storage Company		✓						✓	✓		✓	✓
Southwest Power Pool	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southwest Transmission Cooperative, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Southwestern Power Administration	✓			✓		✓	✓	✓	✓	✓	✓	✓
Spark Energy Gas, LP		✓							✓			✓
Spiegel & McDiarmid		✓		✓		✓						✓
Sprague Energy Corp.	✓			✓		✓	✓	✓	✓	✓	✓	✓
State of California/Dept. of General Services												✓
State of Oklahoma/Commissioners of the Land Office		✓									✓	
Statoil Natural Gas, LLC		✓										✓

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Steptoe & Johnson, LLP		✓										✓
Sterling Smith		✓						✓				
Steuben-Storage (Cullen and Dykman,LLP)		✓						✓				
Stickeman Elliott, LLP		✓										✓
Strategic Energy		✓								✓		
Stroock and Stroock and Lavan, LLP		✓						✓			✓	
Structure Group	✓			✓		✓	✓	✓	✓	✓	✓	✓
SUEZ Energy Marketing NA, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Sullivan & Cromwell		✓									✓	
Suncor Energy Products Inc.		✓										✓
SunGard	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Sunrise Medical		✓									✓	
Superior Natural Gas Corporation		✓									✓	
Superior Water, Light & Power Company		✓						✓				
Sutherland, Asbill and Brennan, LLP		✓						✓	✓		✓	
Synergy Gas Marketing LLC		✓										✓
Systrends USA	✓			✓		✓	✓	✓	✓	✓	✓	✓

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Tampa Electric Company	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Target		✓									✓	
TECO Energy		✓										✓
Tenaska, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Tennessee Gas Pipeline Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Tennessee Valley Authority	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓
Texaco Natural Gas, Inc.		✓									✓	
Texas Eastern Transmission, LP		✓						✓			✓	
Texas Gas Service		✓						✓				
Texican Horizon Energy Marketing		✓								✓		
The Energy Authority		✓		✓		✓	✓	✓			✓	
The United Illuminating Company		✓		✓		✓						
Theda Clark Regional Medical Center		✓									✓	
TietoEnator Energy Inc		✓						✓			✓	
Tiger Natural Gas	✓			✓		✓	✓	✓	✓	✓	✓	✓
Total Gas & Power North America, Inc.		✓						✓	✓		✓	✓
Trailblazer Pipeline Co.		✓						✓	✓		✓	✓

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Companies with Access to NAESB Standards
As of December 1, 2007

	Method of Access			Standards Products									
Company	Member Access	Purchase	Class Attendee	WEQ Version 000	WEQ Version 001	WEQ FTAA	Retail Version 1.0	WGQ Version 1.7	WGQ Version 1.8	Retail Contract	WGQ 1.7 Contracts	WGQ 1.8 Contracts
TransAlta Corporation		✓										✓
TransCanada Pipelines	✓			✓		✓	✓	✓	✓	✓	✓	✓
TransCanada Pipeline Ventures Limited Partnership		✓						✓	✓		✓	✓
TransColorado Gas Transmission		✓						✓	✓		✓	✓
Transcontinental Gas Pipeline		✓						✓	✓		✓	✓
TranServ International, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Trans Ocean Energy Services		✓						✓			✓	
Trans Quebec & Maritimes Pipeline, Inc.		✓						✓	✓		✓	✓
Transwestern Pipeline Co., Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Travel Centers of America		✓									✓	
Tristar Producer Services			✓									✓
Tri-State G&T Association, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Tri-State Generation and Transmission Association, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Troutman Sanders, LLP		✓						✓			✓	
Trunkline Gas Company, LLC		✓						✓	✓		✓	✓
Trunkline LNG Company, LLC		✓						✓	✓		✓	✓

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Tucson Electric Power Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Turlock Irrigation District		✓						✓				
Tuscarora Gas Transmission Company		✓						✓				
Tuscson Electric Power Company		✓									✓	
TXU Energy Retail	✓			✓		✓	✓	✓	✓	✓	✓	✓
U.S. Energy Services, Inc.		✓									✓	
UBS Energy LLC	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
UGI Utilities, Inc.	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓
Ultra Petroleum Corp.		✓										✓
United Illuminating Company, The		✓		✓		✓						
Union Oil Company of California		✓						✓				
University of Texas Health Center at Tyler		✓								✓	✓	
University of Texas Medical Branch		✓						✓				
Upchurch, David (ANSI)		✓						✓			✓	
Urban Energy Source, LLC		✓		✓		✓					✓	
Utilisave, LOC *(purchased WGQ Version 1.4)*		✓										
Utility Resource Solutions, L.P.			✓									✓

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Companies with Access to NAESB Standards
As of December 1, 2007

Company	Method of Access			Standards Products									
	Member Access	Purchase	Class Attendee	WEQ Version 000	WEQ Version 001	WEQ FTAA	Retail Version 1.0	WGQ Version 1.7	WGQ Version 1.8	Retail Contract	WGQ 1.7 Contracts	WGQ 1.8 Contracts
Van Ness Feldman		✓		✓		✓		✓				✓
Vector Pipeline L.P.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Vega Energy Partners, Ltd.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Venica Gathering System		✓						✓				
Vermont Public Power Supply Authority	✓			✓		✓	✓	✓	✓	✓	✓	✓
Viking Gas Transmission		✓						✓	✓		✓	✓
Vinson & Elkins		✓						✓			✓	✓
Virginia Power Energy Marketing, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
VMAC		✓									✓	
Wachovia Corporation		✓							✓			✓
Walden Energy		✓										✓
Wal-Mart Stores, Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Washington Gas Light Co.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Weber Lawfirm, LLC		✓										✓
We Energies (Wisconsin Electric)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Wellpoint Systems, Inc.		✓							✓			✓
Western Area Power Administration	✓			✓		✓	✓	✓	✓	✓	✓	✓

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	Method of Access			Standards Products								
Company	Member Access	Purchase	Class Attendee	WEQ Version 000	WEQ Version 001	WEQ FTAA	Retail Version 1.0	WGQ Version 1.7	WGQ Version 1.8	Retail Contract	WGQ 1.7 Contracts	WGQ 1.8 Contracts
Western Electricity Coordinating Council (WECC)	✓			✓		✓	✓	✓	✓	✓	✓	✓
Westfield Gas & Electric Light Dept.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Westfield Group		✓									✓	
White and Case ***(WEQ-011 Purchased)***		✓		✓		✓		✓				
Williams Companies, Inc., The			✓									✓
Williams Gas Pipeline	✓			✓		✓	✓	✓	✓	✓	✓	✓
Williams IT (Williams Gas Pipeline)		✓							✓			✓
Williams Mullen		✓								✓		✓
Williams Power Company	✓			✓		✓	✓	✓	✓	✓	✓	✓
Willis, Graves & Associates, Inc.		✓										✓
Williston Basin Interstate Pipeline	✓			✓		✓	✓	✓	✓	✓	✓	✓
Wisconsin Public Power Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Wisconsin Public Service Corporation	✓			✓		✓	✓	✓	✓	✓	✓	✓
World Energy		✓								✓		✓
WPS Energy Services Inc.			✓									✓
Wyoming Interstate Company		✓						✓	✓		✓	✓
Xcel Energy	✓	✓		✓		✓	✓	✓	✓	✓	✓	✓

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As of December 1, 2007

	Method of Access			Standards Products								
Company	Member Access	Purchase	Class Attendee	WEQ Version 000	WEQ Version 001	WEQ FTAA	Retail Version 1.0	WGQ Version 1.7	WGQ Version 1.8	Retail Contract	WGQ 1.7 Contracts	WGQ 1.8 Contracts
Xcel Energy Inc.	✓			✓		✓	✓	✓	✓	✓	✓	✓
Yankee Gas		✓						✓				
Young Gas Storage Company		✓						✓	✓		✓	✓

TAB 7

EXECUTIVE COMMITTEE REPORTS

This section includes:

- Standards adopted since the last Board meeting.
- The 2007 Annual Plans for each of the quadrants

The material presented is background information for the discussion of agenda item 5.

The Executive Committee leadership of each quadrant will discuss its progress towards completion of its 2007 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 2007
DECEMBER 1, 2007

FOR THE WHOLESALE GAS QUADRANT

- **Recommendation R06008:** 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 on August 2, 2007).*
- **WGQ Annual Plan Item 6**: Update the NAESB WGQ Canadian Addendum related to the UPDATE of the NAESB WGQ Base Contract for Sale and Purchase of Natural Gas (NAESB WGQ Standard 6.3.1) dated September 5, 2006 and other industry comments proposed during the discussions. (*Ratified on August 2, 2007*).
- **WGQ Annual Plan Item 5** - Develop FAQs for the updated NAESB Base Contract for Sale and Purchase of Natural Gas dated September 5, 2006. (*Ratified on August 18, 2007*).
- WGQ 2007 AP 4: Joint Analysis of AS2 and AS3 protocols as compared to the NAESB IET, comments due November 6, EC adopted on November 8, and to be sent out for ratification shortly.
- R01003, "Add a System Management Service Quantity data element to various capacity release datasets," comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R02007, "Add new data element 'Notes Codes' and two related codes for the Invoicing data sets (3.4.1)," comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R02011, "Add code values for NAESB WGQ Standard 2.4.3 - Allocation, NAESB WGQ Standard 2.4.4 - Shipper Imbalance," comments due November 7. EC adopted on November 8, and to be sent out for ratification shortly.
- 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", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- 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", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- 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", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- 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", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- R03016, "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", comments due November 7, EC revised and adopted on November 8, and to be sent out for ratification shortly.
- R03020, "Develop a new defined term/definition for Applicable Regulatory Authority and review NAESB WGQ Standards to make corresponding changes", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R03021, Create a new Standard that indicates that unless otherwise denoted, all times contained with the NAESB WGQ Standards are Central Clock Time", comments due November 7 EC adopted on November 8, and to be sent out for ratification shortly.

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- R03025, "Add a new notice type - Rates and Charges - to NAESB WGQ Standard 4.3.29", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly..
- R03028, "Add a reduction reason code to Scheduled Quantity, Operator Scheduled Quantity and Confirmation Response", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R03029, "Add a new Notice Type to System-Wide Notices Standard 5.4.16 to support firm capacity including subscribed ROFR Capacity", comments due November 7, EC revised and adopted on November 8, and to be sent out for ratification shortly.
- R03032, "Change existing data elements of NAESB WGQ Transactional Reporting - Firm Transportation Standard 5.4.21", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R04022, "Amend WGQ Standards 1.4.5 and 1.4.6 to allow new reduction reason codes", comments due November 7, EC revised and adopted on November 8, and to be sent out for ratification shortly.
- R04023, "Amend WGQ Standards to add new reduction reason code data element", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R04026, "Amend WGQ Standard 1.4.1 to add new storage limitation code value", comments due November 7, EC adopted on November 8, and to be sent out for ratification shortly.
- R05006, "Add code value to Validation Code and Message elements in Nomination Quick Response dataset", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- R05010, "Add code values to Validation Code and Message elements in Nomination Quick Response dataset", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- R05012, "Add Reduction Reason code to Scheduled Quantity, Operator Scheduled Quantity and Confirmation Response", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- 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", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- 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", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- R06007, "Add Reduction Reason code to Scheduled Quantity, Operator Scheduled Quantity and Confirmation Response", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- 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", comments due November 7,, EC adopted on November 8 and to be sent out for ratification shortly.
- R06012, "Add two (2) new code values for the data element "Transaction Type" into Scheduled Quantity and Invoice Datasets", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.
- R06014, "Add code values for the Rate Identification Code data element in the Transactional Reporting datasets", comments due November 7, EC adopted on November 8 and to be sent out for ratification shortly.

FOR THE RETAIL QUADRANTS

- **Recommendation R05013:** Develop a model electric retail contract. (*Ratified 01/07/07*).
- **Retail 2006 Annual Plan Item 4(i):** Customer Enrollment model business practices. (*Ratified 01/07/07*).
- **2007 Retail Annual Plan Item 3a(ii):** "Customer Drop" model business practices. (*Ratified August 20, 2007).*

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NAESB UPDATE – STANDARDS ADOPTED IN 2007
DECEMBER 1, 2007

- **Third Recommendation for 2007 Annual Plan Item 1(a):** "Additional Billing and Payment Model Business Practices" *(Ratified August 20, 2007)*
- **Second Recommendation for 2007 Retail Annual Plan Item 1 (a):** "Technical Electronic Implementation Standards for Billing and Payment: Recommendation Attachment: http://www.naesb.org/member_login_form.asp?doc=retail_rat071907_2007_retail_api1a_rec_rev050907_attachment.doc. (*Ratified August 20, 2007).*
- **2005 Annual Plan Item 3:** "Customer Information. (*Ratified August 20, 2007).*
- **Recommendation for Retail 2007 Annual Plan Item 3a(ii)** - Customer Drop (*Ratified August 20, 2007*)
- **Recommendation for Retail 2007 Annual Plan Item 1(a)** – Additional Billing and Payment MBPs; Attachment to Recommendation (*Ratified August 20, 2007)*
- **Recommendation for Retail 2005 Annual Plan Item 3** – Customer Information (*Ratified August 20, 2007*)
- **Recommendation R05016** - Standards or model business practices for electronic retail billing transactions and bill payment transactions between customers, suppliers, and utilities (*Ratified August 20. 2007*)
- WGQ 2007 AP 4: Joint Analysis of AS2 and AS3 protocols as compared to the NAESB IET, comments due November 6, considered by the Retail EC at its meeting on November 7, all were in favor, but a notational ballot is needed to have a determinate result. The notational votes were received, and the recommendation was adopted. A ratification ballot will go out shortly.
- 2007 AP 5: Model Business Practices for Customer Information, comments due October 8, no comments submitted, considered by the Retail EC at its meeting on November 7, all were in favor, but a notational ballot is needed to have a determinate result. The notational votes were received, and the recommendation was adopted. A ratification ballot will go out shortly.
- 2007 AP 5: Technical Implementation for Customer Information, comments due October 1, no comments received, considered by the Retail EC at its meeting on November 7, all were in favor, but a notational ballot is needed to have a determinate result.. The notational votes were received, and the recommendation was adopted. A ratification ballot will go out shortly.
- 2007 AP 3a(iii) Account Information Change, comments due October 1, no comments received, considered by the Retail EC at its meeting on November 7, all were in favor, but a notational ballot is needed to have a determinate result. The notational votes were received, and the recommendation was adopted. A ratification ballot will go out shortly.

FOR THE WHOLESALE ELECTRIC QUADRANT

- **Recommendation R03007/2006 Annual Plan Item 3(b)(iii)** - Enhance the current OASIS Standards and Communications Protocols (S&CP) to ensure compliance with the Energy Market Access and Reliability Certificates (e-MARC) Security Initiative, currently being developed by NERC, (*Ratified February 10, 2007*).
- **Recommendation R04006C1:** - OASIS 1A Enhancements – Redirects (Release Mechanism), (*Ratified on April 7, 2007).*
- **Recommendation for 2007 WEQ Annual Plan Item 3(a)(2):** - Implementation of S&CP changes to support Standards of Conduct business practices**. (***Ratified on April 7, 2007)*

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NAESB UPDATE – STANDARDS ADOPTED IN 2007
DECEMBER 1, 2007

- **Recommendation Proposed Standard WEQ Annual Plan Item 2** – Business practice standards for support of OATT Reform and Revision to Final Action R04006D to align the Resales Standards with Order 890, (*Ratified on July 23, 2007).*
- **Recommendation R05018** - Revise the e-Tag specification to allow PSEs associated with a transmission segment in the tag optional approval rights. (*Ratification ballots due September 17, 2007*)
- **Recommendation R06026/2007 Annual Plan item 1(b)** - Revise WEQ-004 Coordinate Interchange Business Practice Standard requirement 2.2 and the table contained in Appendix A, part B, to exempt WECC; Attachment to Recommendation R06026/2007 Annual Plan item 1(b). (*Ratification ballots due September 17, 2007*)
- **Recommendation R07002** - Request to divide the OASIS S&CP into two documents: The S&CP and 2) an Implementation Guide; **Attachment 1 to Recommendation R07002; Attachment 2 to Recommendation R07002; Attachment 3 to Recommendation R07002.** *(Ratification ballots due September 17, 2007).*
- **Recommendation R06025** - Modify Appendix D of WEQ 004 to add an explanation for the terms "required" and "correctable", to add a sentence clarifying that tag data elements are not correctable and are not required, and to make the element of energy Product Type required. (*Ratification ballots due October 4, 2007*).
- 2007 AP 2c Order 890 modifications to WEQ-001, comments due 11-2-07, considered by the WEQ EC at its meeting on November 6, now out for ratification, ballot due December 19.
- C07001 Interpretation on WEQ-001-1.2 applications of standards to non-gas-fired generations facilities, comments due 11-5-07, considered by the WEQ EC at its meeting on November 6, now out for ratification, ballot due December 19.
- 2007 AP 2(ii) Order 890 work plan group 1 – conditional firm, annotations for ATC, Load Forecast and Actual Load, Re-Bid of Partial Service and Preconfirmation Priority, comments due 9-21-07, considered by the WEQ EC at its meeting on November 6, now out for ratification, ballot due December 19.

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NORTH AMERICAN ENERGY STANDARDS BOARD
2007 WGQ Annual Plan Amended & Approved by the NAESB Board of Directors on September 27, 2007 as revised by the WGQ Executive Committee on 11/08/2007.

	Item Description	Completion[1]	Assignment[2]
	Damage Reporting for Natural Gas Pipeline Facilities		
1	Review and develop standards as appropriate to support posting of information as noted in Docket No. RM06-18-000, Order No. 682 and Docket No. RM06-18-001, Order No. 682-A. Status: Not Started.	~~3rd~~ 4th Q, ~~2007~~2008	BPS
	a. Review transmission line damage reporting to identify commonality and apply to item 1 above as appropriate. Status: ~~Not Started~~Dropped.	~~3rd Q, 2007~~	~~BPS~~
	Electronic Delivery Mechanisms and Related Activities		
2	Review security standards as may be deemed necessary, e.g. Public Key Infrastructure (PKI). Status: Pending Activities of the WEQ EC.	Pending WEQ PKI activities	EDM
3	Develop or amend WGQ technical standards, as appropriate, to address to the DoE Sandia National Laboratories 2006 surety assessment findings and recommendations. Status: Underway.	~~4th~~ 1st Q, ~~2007~~2008	BPS/EDM
4	Prepare a joint analysis with the retail quadrants for AS2 and AS3 protocols as compared to the NAESB IET. Status: Complete.	~~2nd~~ 3rd Q, 2007	WGQ EDM & Retail TEIS
	Contracts Activities		
5	Develop FAQ for Updated NAESB Base Contract for Sale and Purchase of Sale of Natural Gas. Status: Complete.	3rd Q, 2007	Contracts
6	Review and update NAESB Canadian Addendum to the NAESB Base Contract for Sale and Purchase of Sale of Natural Gas to incorporate the recent NAESB Base Contract revisions (Initial Draft prepared by Chair of Contracts SC). Status: Complete.	2nd Q, 2007	Contracts
6A	Develop ISDA Gas Annex to correspond to the NAESB Base Contract for Sale and Purchase of Sale of Natural Gas, dated September 5, 2006. Status: Underway.	2008	Contracts
	Gas-Electric Interdependency		
7	Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:		
	a. ¶ 56 of Order No. 698: "… Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release and that would include the means for implementing the formula rate. This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently." (emphasis added)	2008	BPS

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2007 WGQ Annual Plan Amended & Approved by the NAESB Board of Directors on September 27, 2007 as revised by the WGQ Executive Committee on 11/08/2007.

	Status: Underway.		
b.	¶ 63 of Order No. 698: "The Commission is not modifying its requirement for within-the-path scheduling as adopted in Order No. 637. The example posited by NAESB appears consistent with the within-the-path scheduling concept and with pipeline proposals that have been accepted. It would not be appropriate for the Commission here to try to provide generic clarification to cover all possible proposals by pipelines for according flexibility to shippers. These proposals will have to be judged on an individual basis. In addition, NAESB can consider through its consensus process possible standards for according increased receipt and delivery point flexibility." (emphasis added) Status: Underway.	2008	BPS
c.	¶ 69 of Order No. 698: "As we stated in the NOPR, the Commission has recognized the interest of interruptible shippers in achieving business certainty by making the last intra-day nomination opportunity one in which firm nominations do not bump interruptible nominations. However, within the confines of current Commission policy, NAESB should actively consider whether changes to existing intra-day schedules would benefit all shippers, and provide better provide for coordination between gas and electric scheduling. In addition, the NAESB nomination timeline establishes only the minimum requirement to which pipelines must adhere..." (emphasis added) Status: Underway.	2008	BPS
Review and develop business practices standards to support e-Tariff program			
8	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Underway.	~~3rd Q~~1st Q, ~~2007~~2008	Joint WEQ/WGQ e-Tariff
Program of Standards Maintenance & Fully Staffed Standards Work3			
	Business Practice Requests	Ongoing	Assigned by the EC[4]
	Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	ANSI X12 Subcommittee
	Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
	Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
	Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
Provisional Activities5			
	Respond to requests as received that are related to Docket No. AD06-11-000 (Market Transparency Reporting).		
	Respond to changes as needed to support decisions from the D.C. Court of Appeals decision, No. 04-1183, decided on 11-17-06 vacating FERC Order Nos. 2004, 2004-A, 2004-B, 2004-C and 2004-D as applied to natural gas pipelines.		

Notes: (a) Priority is given to action items that are carry-overs from the 2006 Annual Plan.

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(b) Any new activity should be preceded by a request from the submitter after which the annual plan will be revisited. The provisional items would only be addressed after a request is submitted or an order is issued by the FERC.

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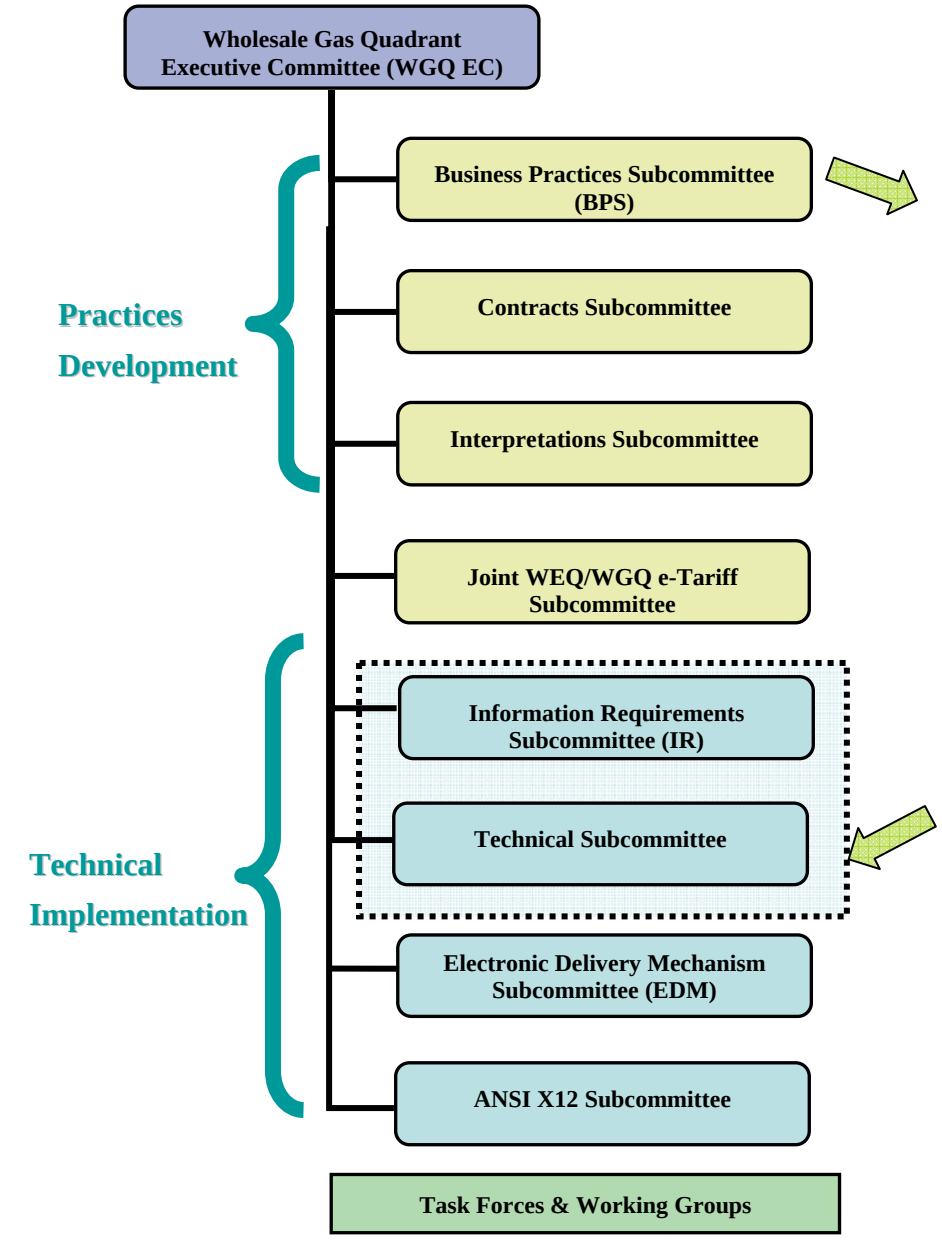

The translation of business practices to usable uniform business transactions is accomplished through the definition of information requirements for the data, and mapping of that data into specific electronic transactions. This translation is performed by IR and Technical subcommittees and completes the standards development process, often referred to as "full staffing." Both IR and Technical work in tandem to complete this crucial technical implementation activity. Until these steps have been completed, the process is incomplete, and in many cases, the business practices cannot be used.

NAESB 2007 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:

[1] Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed so as to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

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

[3] This work is considered routine maintenance and thus the items are not separately numbered.

[4] The EC assigns maintenance of existing standards on a request by request basis.

[5] To the extent that it is determined that any of the provisional activities should be worked upon during the year as a result of a specific request for standards development or a FERC action, the Board has the discretion to modify the annual plan. Additionally, provisional activities will remain on the Annual Plan for one year pending the filing of a formal request or a decision to add them to the plan as active items.

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NORTH AMERICAN ENERGY STANDARDS BOARD

2007 WEQ Annual Plan

Adopted by the Board of Directors on September 27, 2007

Item Description	Completion[1]	Assignment[2]
1 Develop business practices standards as needed to complement reliability standards		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Make version 1 changes to business practices as requested.	Ongoing	BPS
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.		
b) Develop business practices to support Coordinate Interchange – R05020 "Include a guideline for rounding schedules with partial mWh's in the coordinate interchange business practice WEQ BPS-002-000"	4th Q, 2007	BPS JISWG
Status: Underway.		
c) Development of business practice standards for request no. R03017 (Operate within Limits) is transferred to provisional item #7 and will return to the active portion of the annual plan s NERC schedules are set.		
d) Develop business practices to support the reliability components of TLR.		
i) Version 0 Split of TLR business practices from reliability components.	3rd Q, 2007	BPS
Status: Completed ratification and delayed publication and filing with FERC until NERC has had the opportunity to complete its split.		
ii) Continuous support of TLR Procedure in alignment with NERC efforts including version 1 development.	Ongoing	BPS
Status: Ongoing as NERC makes changes. R06002 completed and approved by the WEQ EC on 5-9-06.		
iii) Complete version 1 TLR business practices.	3rd Q, 2007	BPS
Status: Dependent on successful completion of NERC efforts – 1(d)(i).		
e) Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.	4th Q, 2007	BPS
Status: Not Started.		
f) Develop jointly with NERC a System Operators Reference Manual for TLR.	3rd Q, 2007	BPS
Status: Underway. Dependent on completion of version 1 TLR BPs, 1(d)(i).		

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	Item Description	Completion[1]	Assignment[2]
2	**Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)**		
a)	Develop version 1 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 OATT NOPR items (NOPR, Docket Nos. RM05-25-000 and RM05-17-000, "Preventing Undue Discrimination and Preference in Transmission Services", issued May 19, 2006).	2007	BPS/ESS
i)	Group 0: Resales Status: Completed. Recommendation adopted at May 8, 2007 WEQ EC meeting. Ratification ballot posted on June 22, 2007.	2nd Q, 2007	ESS/ITS
ii)	Group 1: Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority Status: Underway	3rd Q, 2007[3]	ESS/ITS
iii)	Group 2: Metrics; Redispatch Cost Posting Status: Not Started	4th Q, 2007	ESS/ITS
iv)	Group 3: Network Service On OASIS Status: Not Started	4th Q, 2007	ESS/ITS
v)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7 Status: Not Started	1st Q, 2008	ESS/ITS
vi)	Group 5: Paragraph 1377 Status: Not Started	1st Q, 2008	ESS/ITS
vii)	Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890) Status: Not Started	2nd Q, 2008	ESS/ITS
b)	Develop the needed business practices as companion to the NERC standards for ATC related efforts.		
i)	Develop standards to support existing Request No. R05004. Status: Underway	4th Q, 2007	BPS/ESS

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	Item Description	Completion[1]	Assignment[2]
ii)	Develop the Business Practice Standards complementary to NERC Reliability Standards for **Existing Transfer Capability (ETC)** to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses", including the elements of ETC for full implementation of the NERC MOD-001 reliability standard Status: Not Started.	3rd Q, 2007[4]	BPS/ESS
iii)	**Capacity Benefit Margin (CBM) Business Practices** • 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." Status: Underway. • Business practice standards that include an OASIS mechanism to "allow for auditing of CBM usage." Status: Underway. • Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort Status: Underway	4th , 2007[5]	BPS/ESS
iv)	**Transmission Reliability Margin Business Practices:** • Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM Status: Underway • The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM • Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort Status: Underway	4th Q, 2007[6]	BPS/ESS

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2007 WEQ Annual Plan
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	Item Description	Completion[1]	Assignment[2]
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)): • Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards • 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 • 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 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)." • Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations" • Business practice standards for posting on OASIS of the "actual daily peak load for the prior day." • Business practice standards for accounting for counterflows. These standards will be included in the ATC business practice standards. (The group determined that this will be addressed as part of Annual Plan item 2(b)(ii). Status: Underway	4th Q, 2007[7]	BPS/ESS
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 Status: Underway • 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.)	4th Q, 2007	BPS/ESS

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	Item Description	Completion[1]	Assignment[2]
	Status: Underway		
c)	Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order. Status: Not Started.	TBD	BPS/ESS
3	**Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling**		
a)	Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:		
i)	Develop OASIS S&CP changes to support OASIS business practices:		
1)	Implementation of S&CP changes to support "relinquish" mechanism to complement non-firm redirects (R04006C1). Status: Complete – approved by the WEQ EC on 2-6-07.	1st Q, 2007	ESS/ITS
2)	Implementation of S&CP changes to support Standards of Conduct business practices. Status: Complete – approved by the WEQ EC on 2-6-07.	1st Q, 2007	ESS/ITS
ii)	Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions (R04006E). Status: Underway.	4th Q, 2007	ESS/ITS
iii)	Registry: Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037). Status: Underway.	4th Q, 2007	JISWG
iv)	Identify e-Tag enhancements to support business practices (including e-Tag specification changes) (R05018). Status: Complete.	3rd Q, 2007	JISWG
v)	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019). Status: Not Started.(Related to request R05004)	4th Q, 2007	ESS/ITS
vi)	Make incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Status: Underway. Scoping statement completed by SRS, assignments made,	2008	Various

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		Item Description	Completion[1]	Assignment[2]
		and clarifications requested from the submitter.		
	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)(v)	1st Q, 2008	ESS/ITS
b)		Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
	i)	Address the surety assessment findings on NAESB PKI standards. Status: Complete, will be provided as a response to the U.S. DoE upon completion by the WGQ for their response to the findings.	1st Q, 2008	JISWG
	ii)	Develop PKI standards for OASIS. Status: Not Started.	4th Q, 2007	ESS
	iii)	Develop PKI Standards for e-tagging. Status: Underway.	4th Q, 2007	JISWG
	iv)	Develop enhanced Electric Industry Registry (EIR), (R06027) Status: Underway.	4th Q, 2007	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.	3rd Q, 2007	NAESB Staff with WEQ support
4		**Review and develop business practices standards as applicable to address seams issues**		
a)		Review and evaluate entries in existing Seams Catalog and identify possible business practices development. Status: Complete – survey results indicated that all existing seams issues were being addressed internally by ISOs and RTOs.	2nd Q, 2007	Seams
b)		Develop business practice standards as identified from the review of the seams catalog. Status: Complete – no possible business practice development identified to address seams issues. All existing seams issues being addressed internally by ISOs and RTOs.	2nd Q, 2007	Not assigned
5		**Review and develop business practices standards to support e-Tariff program**		
		Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Underway.	4th Q, 2007	Joint WEQ/WGQ e-Tariff Subcommittee

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NORTH AMERICAN ENERGY STANDARDS BOARD
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Adopted by the Board of Directors on September 27, 2007

	Item Description	Completion[1]	Assignment[2]
6	**Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs**		
	Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.	2008	Joint WEQ/Retail DSM-EE Subcommittee
	Status: Underway.		

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.

2 Develop business practice standards as requested by the regional and state advisory groups.

3 Using the NERC Interconnected Operations Services reference document (March 2002, version 1.1) as a guide and starting point, develop business practices as necessary for ancillary services and/or interconnected operating services transactions.

4 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.

5 Develop and or modify business practices as requested by FERC related to gas-electric coordination issues in Docket No. RM05-5-001, "Standards for business practices for Interstate Natural Gas Pipelines", "Standards for Business Practices for Public Utilities," issued October 25, 2006 and related order on inquiry, "Order Instituting Inquiries into Gas-Electric Coordination Issues," also issued on October 25, 2006.

6 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 Docket No. RM05-28-000.

7 Develop business practice standards to support Operate Within Limits (R03017) as coordinated with the NERC schedule on the same development for reliability standards.

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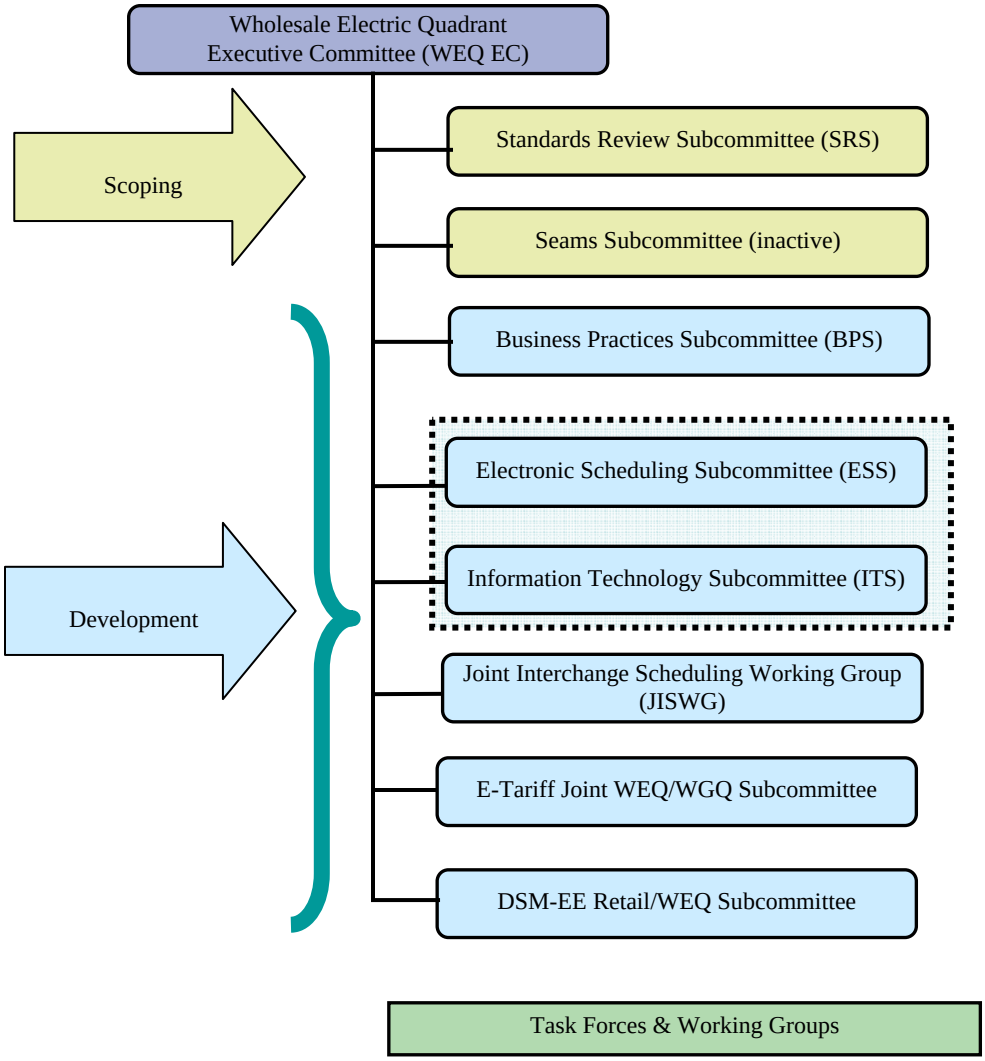

NAESB WEQ EC and Subcommittee Leadership:

Executive Committee: Kathy York (WEQ EC Chair) and Clay Norris (WEQ EC Vice Chair)

Standards Review Subcommittee: Raj Rana, Narinder Saini

Seams Subcommittee: Robert Schwermann (inactive)

Business Practices Subcommittee & Task Forces: Kathy York & Jim Busbin

Electronic Scheduling Subcommittee/Information Technology Subcommittee & Task Forces: Paul Sorenson, J.T. Wood

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:

[1] Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed so as to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

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

[3] The chairs of the ESS/ITS working on Order 890 OASIS issues modified the completion date from 3rd Quarter 2007 to 4th Quarter 2008 on 8-21-07.

[4] The BPS/ESS groups working on Order 890 modified the completion date from 3rd to 4th Quarter 2007 for item 2(b)(ii) addressing ETC business practices development after the WEQ EC approved the other suggested changes in the WEQ 2007 Annual Plan on 8-14-07.

[5] The BPS/ESS groups working on Order 890 modified the completion date from 3rd to 4th Quarter 2007 for item 2(b)(iii) addressing CBM business practices development after the WEQ EC approved the other suggested changes in the WEQ 2007 Annual Plan on 8-14-07.

[6] The BPS/ESS groups working on Order 890 modified the completion date from 3rd to 4th Quarter 2007 for item 2(b)(iv) addressing TRM business practices development after the WEQ EC approved the other suggested changes in the WEQ 2007 Annual Plan on 8-14-07.

[7] The BPS/ESS groups working on Order 890 modified the completion date from 3rd to 4th Quarter 2007 for item 2(b)(v) addressing ATC and TTC business practices development related to NERC MOD001, MOD028, MOD029 and MOD0303 after the WEQ EC approved the other suggested changes in the WEQ 2007 Annual Plan on 8-14-07.

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NORTH AMERICAN ENERGY STANDARDS BOARD
2007 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Approved by the Board of Directors on September 27, 2007

Revised by the Retail Executive Committee on November 7, 2007

	Item Number & Description	Completion[2]	Assignment
1	Billing & Payment		
	Develop additional model business practices for reversal and reissue, transformer loss factors, budget billing and payment plans, and missed bill windows	1st Q 2007	IR
	Status: Complete		
2	Electronic Retail Billing.		
	Develop Technical Electronic Implementation Standards – Electronic Retail Billing	4th ~~2nd~~ Q 2007	TEIS
	Status: Underway		
3	Customer Enrollment, Drop and Account Information Change		
	a. Develop practices 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.	2nd Q 2007	BPS
	i) Customer Enrollment	2nd Q 2007	BPS
	Status: Complete		
	ii) Customer Drop	1st Q 2007	BPS
	Status: Complete		
	iii) Account Information Change	2nd Q 2007	BPS
	Status: Complete		
	b. 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.	4th ~~3rd~~ Q 2007	IR
	Status: Underway		
	c. Develop Technical Electronic Implementation Standards – Customer Enrollment, Drop and Account Information Change,	4th Q 2007	TEIS
	Status: Underway ~~Not Started~~		
4	Customer Enrollment, Drop and Account Information Change Using a Registration Agent		
	Develop practices when using a Registration Agent for submitting and receiving, processing and fulfilling a Customer's request to enroll with or leave a Supplier (including Suppliers dropping Customers) and for maintaining current Customer account information, and for notifying affected parties.		
	i) Customer Enrollment	4th ~~3rd~~ Q 2007	Texas Task Force/ BPS
	Status: Underway		
	ii) Customer Drop	2008 ~~4th Q 2007~~	Texas Task Force/ BPS
	Status: Underway ~~Not Started~~		

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NORTH AMERICAN ENERGY STANDARDS BOARD
2007 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
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	Item Number & Description	Completion[2]	Assignment
	iii) Account Information Change Status: Not Started	~~1st Q~~ 2008	Texas Task Force/ BPS
5	Customer Information		
	Develop additional model business practices for Customer Information Status: Complete~~Underway~~	3rd Q 2007~~2008~~	BPS
6	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.	2008	BPS
7	Prepare a joint analysis with the WGQ for AS2 and AS3 protocols as compared to the NAESB IET. Status: Complete~~Underway~~	4th Q 2007	TEIS & WGQ EDM
8	Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program. Status: Not Started	TBD	TEIS
9	Address issues raised in the Department of Energy's Sandia National Laboratories on NAESB technical standards and respond to the surety assessment findings and recommendations. Status: Underway	~~4th Q~~ 2008~~7~~	~~BPS/~~TEIS
10	Consider and develop as needed model business practices to support Gas Design Day Forecast[1] Status: Not Started. A reach out to the SGA and AGA for subject matter experts will be undertaken first, before the group is populated.	TBD	RGQ - Gas Design Day Task Force
11	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

[1] Reach out to SGA and AGA for subject matter experts.

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Approved by the Board of Directors on September 27, 2007

Revised by the Retail Executive Committee on November 7, 2007

Item Number & Description	Completion[2]	Assignment
Program of Standards Maintenance & Fully Staffed Standards Work[2]		
Business Practice Requests	Ongoing	Assigned by the EC[3]
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
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.		
Review existing body of model business practices for applicability to registration agents and develop 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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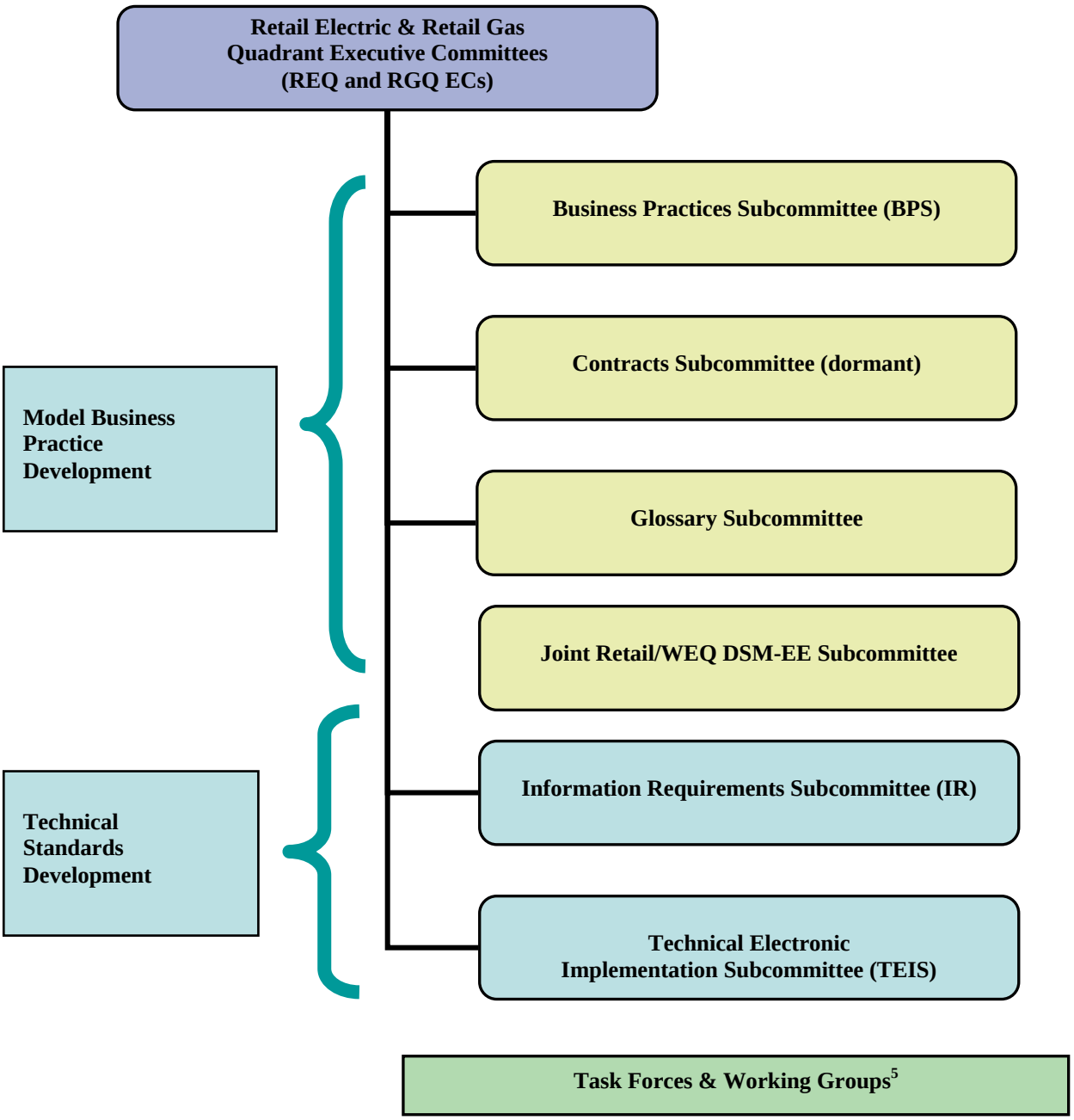

NAESB Retail Subcommittee Leadership:

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:

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

[2] Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed so as to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

[3] This work is considered routine maintenance and thus the items are not separately numbered.

[4] The REQ and RGQ ECs will assign maintenance efforts on a request by request basis.

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

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Attachment 1: Comments Received on 2007 Plan

1. Gas Design Day Forecast

Submitted by Ralph Cleveland, Senior Vice President | Engineering and Operations, AGL Resources

From: Ralph Cleveland [mailto:rcleve@aglresources.com]

Sent: Tuesday, October 10, 2006 5:13 PM

To: naesb@naesb.org

Subject: Gas Design Day Forecasting Standard

The following are the concepts around which it would be helpful to have an industry standard as to reasonable and acceptable modeling or methodology approach. I'm not sure how a proposal is usually structured, but I wanted to get this to NAESB today. This should be a good start. AGA and SGA have done some work through surveys and conferences to identify industry practice. For regulatory reasons, I think they have avoided attempting to say that there are established "best practices". We have some AGA/SGA survey results, if you would like to see them. If this is not what you were looking for, please let me know.

1. Number of years history considered in arriving at the design temperature (coldest in X years)
2. Acceptable independent variable besides same day temperature used in analysis (prior day temp, wind speed, etc)
3. Reasonable historical load / temperature analysis approach used to forecast future design (regression analysis, average load per HDD on cold days, etc)
4. Approach at removing outlier data from historical data sets
5. Acceptable R^2, MAPE or other statistical measure or forecast accuracy
6. Method for accessing potential design day forecast error (capacity reserve margin, forecast adder, etc)
7. Methodology to project design period load shape (multiple design days, historic design period temperatures, statistical approach)
8. Assumptions associated with on-system facility derate or pipeline capacity proration on design day.

RESOLUTION 11-15-06: Added to 2007 Annual Plan-- Reach out to SGA and AGA for subject matter experts will be undertaken.

2. Northeast Regional Best Practices

Submitted by Phil Precht, BG&E

Excerpt from "Restructuring Today": A major effort in that direction is a push to stimulate and activate pro-markets members of the legislature at a two day meeting set for Wilmington Oct 24-25 at the Doubletree Hotel. NEMA is behind the move. It's relying on pro-markets members of legislatures in Delaware, Pennsylvania and possibly Connecticut for a leadership round table and regulatory workshop to meet in Wilmington. James Lester of the Delaware PSC is a key speaker along with James Cawley who is the vice chair in Harrisburg. Several state legislators are to speak. Craig Goodman reports that business backers are happy to have marketers coming into Delaware to compete to supply the market. He's invited commissioners and staff from Delaware, Pennsylvania, New York and Connecticut to point out the best practices in the region. One subject of course will be the successes in New York and how to apply those best practices to other states. A major goal is not just copying New York's success but making the progress regional. Goodman thinks that would drive prices in the region down, lower the acquisition costs and bring economies of scale to the marketplace. Day one right now is best practices and day two is how to get there (implementation).

RESOLUTION 11-15-06: Not added to 2007 Annual Plan at this time – outreach to Craig Goodman first for feasibility.

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3. Demand Side Response

Submitted by George Behr, Energy Services Group

PJM is discussing demand side response and metering. They have a 'curtailment service provider' program that might benefit from NAESB standards. There are both wholesale and retail implications.

RESOLUTION 11-15-06: Combined with item 4 below.

4. Standardized Method for Quantifying Benefits, Savings, Cost Avoidance and/or the Reduction in Energy Demand Derived From the Implementation of Demand Side Management and Energy Efficiency Programs

Submitted by Carl Wilkins, Advanced Energy

LETTER:

Dear Ms. McQuade: Attached is a request for initiation of a NAESB business practice standard as described in your September 11, 2006, memo. We were advised by one of your board members, Mr. David Koogler with Dominion Power, to submit a request. Mr. Koogler was present when we gave our annual report to the N.C. Utilities Commission. He took note that we were challenged by one of the Commissioners to quantify more of the benefits that North Carolina and other states were enjoying as result of the work we do with energy utilization and market transformation. Advanced Energy is an independent non-profit that was chartered by the N.C. Utilities Commission in 1980 to work with electric utilities, in part, to develop and demand side management (DSM) and energy efficiency (EE) programs. Since 1980 Advanced Energy has been doing public benefits work to enhance how North Carolina businesses and individuals use energy. Recently we have been asked to assess the statewide potential for DSM and EE. It has been some time since these subjects have been discussed in regulatory and public settings, especially as it pertains to the need for future electricity generation. We have a long-standing relationship with utilities and appreciate their support and collaboration on many issues affecting energy utilization in our state. The Public Staff of the N.C. Utilities Commission is an ally and recently recommended that we advise the N.C. Utilities Commission as to how we would manage a statewide Public Benefits Fund specifically for DSM and EE. Other than the west coast, the northeast or selected mid-western states, the body of knowledge about DSM and EE has grown stale. Furthermore, a lot has changed with respect to the way homes and business and industry use energy since DSM and EE were in vogue in the 80s and early 90s. Many states and other jurisdictions lack the expertise and experience to evaluate and plan new programs. We heard that NAESB has an excellent reputation in the development of standards and felt that this area might be an area that fit NAESB's mission. Please contact me with any questions regarding our attached request. Sincerely, Carl L. Wilkins, P.E., Director, Utility Services

REQUEST:

Efforts are underway throughout the electricity industry to develop and implement demand side management measures and techniques in order to moderate the growth for electricity. However, a standardized method for quantifying the energy and demand impact of implementing proposed demand side management techniques does not exist. Entities involved in these activities are using a wide variety of methods to estimate the benefits of these programs. As various utilities across the nation look at implementing DSM and EE measures, it is evident that results may vary depending on many factors that are localized and at the discretion of the evaluating entity. On the other hand there are fairly standardized techniques for evaluating and presenting the benefits and costs for a supply side option. As regulatory commissions investigate utility integrated resource plans, the development and presentation of the DSM and EE options are vigorously challenged by interveners as being incomplete, inconsistent and not treated as fairly as supply side options. Furthermore, utilities recognize the uncertainty of some proposed demand side options because they lack standardized quantitative justification which may address issues such as program persistence and other variables out of the DSM/EE program's control. DSM and EE programs often fail to pass cost effectiveness tests (RIM, UTC, PCT, etc.) because the benefit/cost data that is presented may be inaccurate or based on poor assumptions. Having a standardized method that is both recognized and understood by utilities, regulatory agencies, program administrators, consumer advocates and energy service professionals is vital. For example, the amount of energy reduction for a DSM measure in a small building can be simulated by a computer model, obtained by actual load research, using results from

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another similar program or estimated by engineering calculations. The benefits, costs and energy impacts from either of the aforementioned techniques can vary widely.

The proposed standard will be used by regulatory agencies, utilities, program administrators and any entity that are involved with quantifying impacts of a DSM or energy efficiency program. This standard may become an important part of a utility's integrated resource planning process. As more electric utilities announce new base-load generation additions to their long-term resource plans, the opportunity for this proposed standard to be use becomes more evident.

Having a standardized process will prove beneficial to all stakeholders. The amount of time and resources expended in today's IRP hearings should be less if all parties adopt and use a standardized process and procedure for determining energy impacts of DSM and energy efficiency. The number of interveners and the amount of interrogatories should diminish once an accepted standard is made known to all. Future hearings should be less contentious, which will be appreciated by all parties. This standard if developed and adopted will lower the regulatory cost of implementation.

RESOLUTION 11-15-06: Combined with item 4 below. Item 3 is underway now in PJM and is both a retail and wholesale electric issue.

5. Participation

Submitted by Shay Reed, CostCo

Afternoon,

I recently attended the EEI conference national accounts meeting in Florida, and we were told that October 11th, 2006 is the deadline to be included for comments on several standards issues. After reading the memo I received, it appears that this is the comment deadline rather than inclusion in the comment group? Can you please confirm the requirements for inclusion in regards to NAESB standards? We would like to be involved, and hope we are not too late. Thank you for the information.

Shay Reed -

Thank you for your interest in NAESB standards development. If you would like to submit comments, please send them to NAESB (naesb@naesb.org) by the end of this week. Please let me know if you need any additional information. Best regards, Veronica Thomason

Submitted by:Denis George, Kroger

While I only saw this today and do not have time to submit substantive comments at this time, as a general matter The Kroger Co. - one of the largest grocery supermarket chains in the US (www.kroger.com) - would be happy to comment upon and participate in any initiative that would help bring uniform standards for retail EDI/XML transactions for both gas & electric utilities. Please feel free to direct further correspondence on this matter to me directly.

RESOLUTION 11-15-06: Combined with item 6 below.

6. Electronic Billing

Submitted by Suzanne Figy, Director, Operations - Data Services, Advantage IQ, Inc.

Hi Veronica, My name is Suzanne Figy and I am the Director of Operations - Data Services for Advantage IQ. Advantage IQ currently manages more than $9.3 billion in facility bills for more than 375 clients. We currently process and pay more than 500,000 bills/month supporting over 190,000 sites. Advantage IQ maintains a solid relationship with more than 16,000 utilities nationwide. Currently, we receive 21% of our incoming utility bills via EDI. We are of great interest in having NAESB develop some standards in the areas outlined in the annual plan. Given the volumes of electronic bills we are currently managing I would like to request that we be included in the planning discussions. I would like to ask that you add myself as our representative. We have a great amount of excitement around these initiatives and feel we can be a great asset to the discussions. Please contact me if you need any additional information or have any further questions. Thank you, Suzanne Figy

Ms. Figy, Thank you for contacting our office with your request. We will be happy to add your request to the list of

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NAESB Retail Annual Plan topics for discussion. Best regards, Denise Rager

RESOLUTION 11-15-06: Combined with item 5 above. EDI transactions for electronic billing between utilities and national accounts customers is on the 2007 annual plan now and the business practices have already been developed. XML transactions are not on the 2007 plan. If Kroger and CostCo are interested in pursuing XML, we would need to identify both the sponsors/champions for this development and also the subject matter experts that would participate in XML development. NAESB office will pursue determining if the interest level is high enough to warrant a conference call with applicable parties.

7. Customer Interval Data

Under consideration by the Massachusetts EBT

Draft Letter Prepared on 9/12/06 RE: Customer Interval Data

Dear Ms. Cottrell:

We, the undersigned competitive suppliers, third party providers and brokers, hereby request that the Department review a proposed change in the current practice regarding the authorization requirement for provision of customer interval metered usage data ("interval data") to suppliers. The proposed change would simplify the practice, reduce costs, and allow for improved data security by making suppliers responsible for maintaining customer authorizations and thereby paving the way ultimately for interval data to be requested and provided using standard electronic business transactions.. The proposal has been discussed by the Massachusetts Electronic Business Transactions ("EBT") Working Group, and the EBT has been authorized by the EBT electric distribution company members (EDCs) to represent their lack of objection to the change, provided it is acceptable to the Department.

Background: Increases in competitive market efficiency have revealed the existence of a bottleneck in the day-to-day operation of Massachusetts' deregulated electricity supply marketplace in regards to the provision of interval data. The unnecessarily labor intensive nature of requesting and receiving interval data for both prospective and existing customers, acts as a hindrance to the ability of suppliers to offer accurately derived and timely priced innovative competitive supply products to commercial and industrial customers. The process for provision of interval data to suppliers is governed by the EDCs' interval data tariffs as approved by the MDTE. Those tariffs provide that interval data will be made available to the customer or the customer's "authorized agent." However, the tariffs do not specify how that authorization is to be demonstrated. See, e.g., Massachusetts Electric Company, Optional Interval Data Service, M.D.T.E. No. 1034; Boston Edison Company, Optional Interval Data Service, M.D.T.E. No. 151. The Department's order approving those tariffs is similarly silent on the question of how the authorization is to be demonstrated. Metering and Billing Services, D.T.E. 01-28 (Phase I) (May 18, 2001).

Current Practice: Regardless of the lack of an explicit written statement from the Department that delineates what constitutes authorization, it has been the interpretation of the supplier and EDC communities that the supplier would demonstrate authorization by providing a copy of a signed authorization to the EDC with any interval data request. This is the current procedure; an authorization form must be manually issued to the EDC and the EDC, in turn, must file and manage this paperwork in-house, prior to releasing customer data. This is the perceived requirement and current practice whether the customer is a prospect requesting pricing, or already a fully enrolled customer of the supplier submitting the request. Over time, this practice but has proven to be unnecessarily cumbersome for customers and suppliers, as well as for EDCs. For customers the most obvious impact is a delay in pricing from prospective suppliers in a market where even a day can make a material difference in pricing.

Proposed Practice: We propose changing the current practice by removing the requirement that the customer authorization be provided to the utility. Instead we suggest that suppliers be held responsible for obtaining, holding and maintaining the appropriate customer authorization for any requests they make. With such a change, the supplier would still obtain a written authorization from the customer, either in the form of a stand alone consent form or a supply contract with an authorization provision. Further, we would propose that suppliers be required to maintain a scanned version of the written authorization on file at the suppliers' premises for the full length of the customer contract or 24 months, whichever is longer, and that such authorizations would be subject to audit by the Department. We also note that when the Supplier is requesting the interval data, it is assumed that they are paying the fee and will be billed

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accordingly from the utility. Under this proposal, the utility would then be released of the responsibility to obtain the authorization form and the cost of the request and would be liberated to honor the request for interval data without reference to paper files. Suppliers have indicated a willingness to go one step further and incorporate an authorization provision into their customer contracts, should the Department accept this change in practice. In addition to saving time and manual effort, this step would pave the way for full EDI access to interval data in 2008, which is when the EDCs have indicated their systems would be ready to accept these requests electronically like other electronic business transactions sent via EDI. EDI works on a prescribed set of electronic communications between suppliers and distribution companies, and does not include a mechanism for the exchange of documents as part of that data transfer. The proposed change in procedure for authorizations would remove an important barrier to being able to request and receive interval data using the same standard vehicle used for all other utility/supplier data exchanges. In the EDI scenario, the supplier would submit an interval data request to the utility via EDI using the customer's account number as identifier and would represent that it has obtained the necessary customer authorization and is maintaining it on file. The utility would be free to rely on that representation, knowing that that supplier is subject to audit on any authorization by the DTE. This is exactly how EDI transactions work in other contexts, for example, customer enrollments. The supplier is required to obtain a written (or verified telephonic) authorization to enroll the customer, but is not required to file evidence of that authorization with the utility prior to enrollment acceptance, except upon request for audit. Instead, the supplier simply submits an "enroll customer" request using the customer's account number via EDI and the utility accepts that request as the supplier's representation that it has obtained the necessary authorization. The proposed change in practice for interval data requests would simply bring that practice in line with the procedure for customer enrollments and other supplier/utility transactions in Massachusetts, as well as with interval data practice in other regions of the country. The Massachusetts EBT members (both EDCs and suppliers) concur that this course of action is a win-win solution for everyone including the customer. Provision of interval data would take place seamlessly without a need to wait for manual intervention and would mirror the same procedure we currently follow for all historic usage data requests. We propose that this change in procedure apply to both historic interval data requests made for pricing prospective customers, as well as for monthly recurring interval reads used for forecasting and billing of a supplier's actively enrolled customers. The former would allow prospective customer's access to more timely pricing and product options in the marketplace, critical to making prudent business decisions in an ever-changing supply environment. The latter is necessary for timely billing of any non-fixed price product and is consistent with EPACT 2005's move toward providing customers with price sensitivity – more and more common in today's market.

Benefits of the Change in Practice: The Department has recognized, "historical interval load data are essential to the development of a strong competitive electric generation marketplace." Metering and Billing Services, D.T.E. 01-28 (Phase I) at 14. The availability of interval data improves the accuracy of forecasting and pricing. It also enables the development of innovative products and services for customers, critical to maturation of the competitive marketplace. The proposed change would greatly increase the efficiency of obtaining and receiving interval data and thus increase its availability for not only the EDC and suppliers, but more importantly, for customers. Therefore, we request that the Department review the proposed change in practice to allow suppliers to be the holder of record for customer interval data authorizations, whether they be within the customer's supply contract or in a separate authorization form.

We respectfully request the Department's expedited review of this proposed change in practice and thank you and the Department for your consideration. Sincerely, Constellation NewEnergy, ConEdison Solutions, Direct Energy, Dominion Energy Services Group, Gestalt LLC, Hess, PPL Solutions, Select Energy, TransCanada

RESOLUTION 11-15-06: The interval data is already in the model business practices for pre-enrollment activity. The standards do not specifically require that the utility maintain the information. For the EDI transactions, the 2007 plan already includes the development of EDI transactions. If MA EBT is interested in pursuing standard EDI transactions through NAESB, we would ask that the leaders of the group participate in the NAESB TEIS and EDM subcommittees to further their expectations. NAESB office will pursue determining if the interest level is high enough to warrant a conference call with applicable parties.

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Attachment 2: Potential Standards Development Efforts for 2008 and Subsequent Retail Annual Plans

Projects that have been discussed but are not reflected on the 2007 plan nor have had requests prepared and submitted to NAESB are:

- Contracts: development of additional retail contracts and addenda that support the base contract already under development
- Customer Choice Activities
- Distributed Generation
- Energy Renewal and Green Energy Programs
- Interruption and Curtailment Procedures
- Load Profiling – gas and electric requirements
- Review security standards as may be deemed necessary, such as Public Key Infrastructure (PKI).
- Low Income Strategies
- Model Business Practices between utilities and suppliers in day to day transactions with RTOs (joint initiative with the WEQ)
- Net Metering
- Renewables/Renewable Portfolio Standards – work with the wholesale quadrant on nationally traded renewable energy credit
- Distribution Company/Supplier communications of gas supply requirements
- Model Business Practices for communications between suppliers and customers

TAB 8

2008 ANNUAL PLANS

This section includes:

- The 2008 Annual Plans for each of the quadrants

The material presented is background information for the discussion of agenda item 5.

The Executive Committee leadership of each quadrant will discuss the drafting of the 2008 annual plans and respond to questions from the Board. Action is required of the Board to approve the plans and to approve any changes suggested by the Board. To approve the plans and any 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 – 2008 ANNUAL PLANNING EFFORT
DECEMBER 3, 2007

- The 2008 annual planning process is nearing conclusion and began with a request for comments sent to members and interested industry participants. The request for comments focused on standards development activities that would be appropriate for each quadrant to undertake in 2008. For each quadrant the following considerations were be made – (1) the plan may already have several items that are carryovers from 2007 to 2008, (2) the plan priorities may need to reflect deadlines and expectations of regulatory groups, and (3) the plan priorities for 2008 may not be the same as the plan priorities for 2007. For the WEQ plan, it is unlikely that there will be many additions, as the group is focused on completion of Order 890 tasks, DSM-EE efforts and other development activities to complement the development of reliability standards by NERC.
- For the request for comments from which the 2008 plans will be created, the following information was requested:
  Submitter contact information, so that follow up questions can be asked, if needed.
  For identification of new annual plan items for 2008:
  Identification of new annual plan items including a description, with a designation of whether the items are to be considered for the remainder of 2007 spanning into 2008 or only to be considered in 2008.
  A level of priority for the new annual plan items and how fast the development should occur, including an estimate of how much time the development time will be needed.
  Whether the submitter, his staff or colleagues would be interested in participating or leading the development effort and if the submitter considers himself a subject matter expert on the new annual plan items.
  Any other comments or background documents that the submitter would like to provide.
- As series of conference calls on the annual plans for 2008 were held (October 29) and the notes can be accessed from the NAESB web site (http://www.naesb.org/annual_plan.asp).
- The plans were presented the Executive Committee meetings held on November 6-8, where they were approved as recommendations to be presented to the Board of Directors on December 13. The WEQ plan underwent additional date changes to comport with Order 890 date changes.

THE FOLLOWING INCLUDES:

PROPOSED 2008 ANNUAL PLAN FOR RETAIL	PAGE	2
PROPOSED 2008 ANNUAL PLAN FOR WGQ	PAGE	6
PROPOSED 2008 ANNUAL PLAN FOR WEQ	PAGE	10
END NOTES FOR PLANS	PAGE	23

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NORTH AMERICAN ENERGY STANDARDS BOARD
2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Prepared by the Retail Executive Committee on November 7, 2007

	Item Number & Description	Completion[2]	Assignment
1	Electronic Retail Billing.		
	Develop Technical Electronic Implementation Standards – Electronic Retail Billing	1st Q 2008	TEIS
	Status: Underway		
2	Customer Enrollment, Drop and Account Information Change		
	a. Develop information requirements for submitting and receiving, processing and fulfilling a customer's request to enroll with or leave a supplier (including suppliers dropping customers) and for maintaining current customer account information, and for notifying affected parties.	1st Q, 2008	IR
	Status: Underway		
	b. Develop Technical Electronic Implementation Standards – Customer Enrollment, Drop and Account Information Change,	2nd Q 2008	TEIS
	Status: Underway		
3	Customer Enrollment, Drop and Account Information Change Using a Registration Agent		
	Develop practices when using a Registration Agent for submitting and receiving, processing and fulfilling a Customer's request to enroll with or leave a Supplier (including Suppliers dropping Customers) and for maintaining current Customer account information, and for notifying affected parties.		
	i) Customer Enrollment	4th Q 2007[1]	Texas Task Force/ BPS
	Status: Projected to be completed 4th Q 2007		
	ii) Customer Drop	1st Q 2008	Texas Task Force/ BPS
	Status: Underway		
	iii) Account Information Change	2nd Q 2008	Texas Task Force/ BPS
	Status: Not Started		
4	Review and Discuss application of any other existing model business practices for the Registration Agent model	3rd Q 2008	BPS
5	Customer Inquiries		
	Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party.	4th Q 2008	BPS
	Status: Not Started. Delayed to 2008 for completion because the registration agent model is separate from customer enrollments.		

[1]A 2007 completion date was included for presentation purposes only.

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2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Prepared by the Retail Executive Committee on November 7, 2007

	Item Number & Description	Completion[2]	Assignment
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
7	Address issues raised in the Department of Energy's Sandia National Laboratories on NAESB technical standards and respond to the surety assessment findings and recommendations. Status: Underway	1st Q 2008	TEIS
8	Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program. Status: Underway	2008	Joint WEQ/Retail DSM Subcommittee
	a. Develop matrix and business practice standards for measurement and verification for demand response programs in ISO/RTO footprint areas. Status: Underway		
	b. Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway		
	c. Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway		
	d. Develop glossary for business practice standards Status: Underway		
	e. Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway		
	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		
	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.		

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2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS[1]
Prepared by the Retail Executive Committee on November 7, 2007

Item Number & Description	Completion[2]	Assignment
Status: Not Started.		
h. Develop business practice standards to support cap and trade programs for green house gas.		
Status: Not Started.		

Program of Standards Maintenance & Fully Staffed Standards Work[2]

Business Practice Requests	Ongoing	Assigned by the EC[3]
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
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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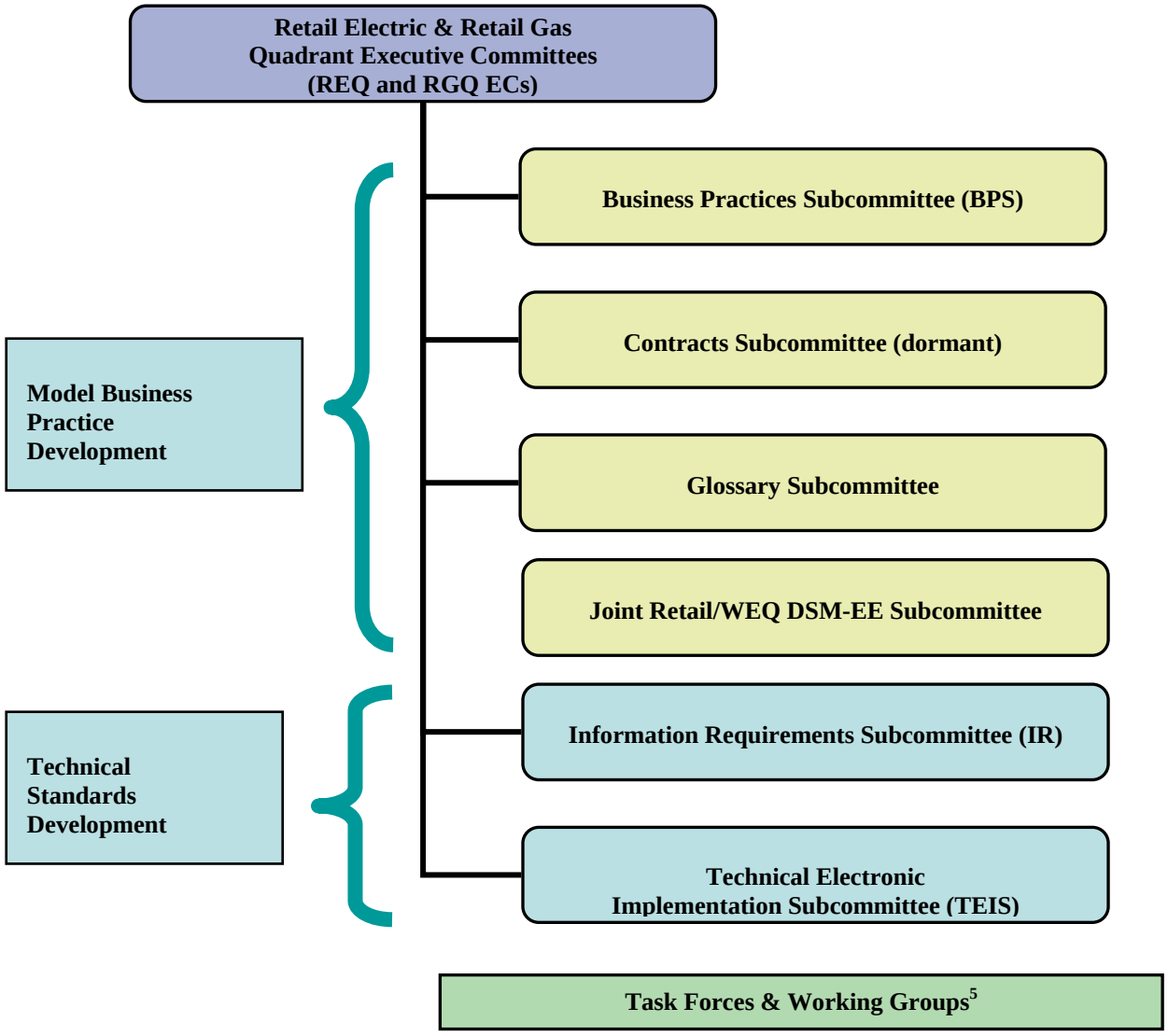
NAESB UPDATE: PROPOSED 2008 RETAIL ANNUAL PLAN
NOVEMBER 7, 2007



NAESB Retail Subcommittee Leadership:

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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NAESB UPDATE: PROPOSED 2008 WHOLESALE GAS ANNUAL PLAN
NOVEMBER 8, 2007

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[i]	Assignment[ii]
Damage Reporting for Natural Gas Pipeline Facilities			
1	Review and develop standards as appropriate to support posting of information as noted in Docket No. RM06-18-000, Order No. 682 and Docket No. RM06-18-001, Order No. 682-A. Review transmission line damage reporting to identify commonality and apply as appropriate. Status: Not Started.	4th Q 2008	BPS
Electronic Delivery Mechanisms and Related Activities			
2	Develop or amend WGQ technical standards, as appropriate, to address to the DoE Sandia National Laboratories 2006 surety assessment findings and recommendations. Status: Underway.	1st Q, 2008	BPS/EDM
Contracts Activities			
3	Update ISDA Gas Annex to correspond to the updated NAESB Base Contract for Sale and Purchase of Sale of Natural Gas, dated September 5, 2006. Status: Underway.	1st Q, 2008	Contracts
Gas-Electric Interdependency			
4	Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:		
	a. ¶ 56 of Order No. 698: "… Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release and that would include the means for implementing the formula rate. This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently." (emphasis added)		
	i.) Develop business practice standards to address the threshold questions of ¶ 56 of Order No. 698: Status: Underway.	2nd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Not started, dependent upon conclusion of Item 5(a)(i) and review and consideration of item 5(a)(i) by the WGQ EC.	TBD	BPS
	b. ¶ 63 of Order No. 698: "The Commission is not modifying its requirement for within-the-path scheduling as adopted in Order No. 637. The example posited by NAESB appears consistent with the within-the-path scheduling concept and with pipeline proposals that have been accepted. It would not be appropriate for the Commission here to try to provide generic clarification to cover all possible proposals by pipelines for according flexibility to shippers. These proposals will have to be judged on an individual basis. In addition, NAESB can consider through its consensus process possible standards for according increased receipt and delivery point flexibility."(emphasis added)		

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NORTH AMERICAN ENERGY STANDARDS BOARD
2008 WGQ Annual Plan to be Presented to the NAESB Board of Directors on December 13 , 2007 For Approval

	Item Description	Completion[i]	Assignment[ii]
	i.) Develop business practice standards to address the threshold questions of ¶ 63 of Order No. 698: Status: Underway.	2nd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Not started, dependent upon conclusion of Item 5(b)(i) and review and consideration of item 5(b)(i) by the WGQ EC.	TBD	BPS
	c. ¶ 69 of Order No. 698: "As we stated in the NOPR, the Commission has recognized the interest of interruptible shippers in achieving business certainty by making the last intra-day nomination opportunity one in which firm nominations do not bump interruptible nominations. However, within the confines of current Commission policy, NAESB should actively consider whether changes to existing intra-day schedules would benefit all shippers, and provide better provide for coordination between gas and electric scheduling. In addition, the NAESB nomination timeline establishes only the minimum requirement to which pipelines must adhere..."(emphasis added)		
	i.) Develop business practice standards to address the threshold questions of ¶ 69 of Order No. 698: Status: Underway.	3rd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Not started, dependent upon conclusion of Item 5(c)(i) and review and consideration of item 5(c)(i) by the WGQ EC.	TBD	BPS
Capacity Release			
5	Review capacity release transactions upload and related responses to determine suitability for EDI. Status: Not started, action pending submittal of request and process for request assignment.	3rd Q, 2008	BPS
Review and develop business practices standards to support e-Tariff program			
6	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Underway.	1st Q, 2008	Joint WEQ/WGQ e-Tariff
Customer Security Administration			
7	Review and develop standards as appropriate to support Customer Security Administration Standards (Comment Submittal, 10-29-07) Status: Not started, action pending submittal of request and process for request assignment.	TBD	TBD

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NAESB UPDATE: PROPOSED 2008 WHOLESALE GAS ANNUAL PLAN
NOVEMBER 8, 2007

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
Program of Standards Maintenance & Fully Staffed Standards Work		
Business Practice Requests	Ongoing	Assigned by the EC[iii]
Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	ANSI X12 Subcommittee
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
Provisional Activities		
Respond to requests as received that are related to Docket No. AD06-11-000 (Market Transparency Reporting).		

Notes: (a) Priority is given to action items that are carry-overs from the 2007 Annual Plan.
(b) Any new activity should be preceded by a request from the submitter after which the annual plan will be revisited. The provisional items would only be addressed after a request is submitted or an order is issued by the FERC.

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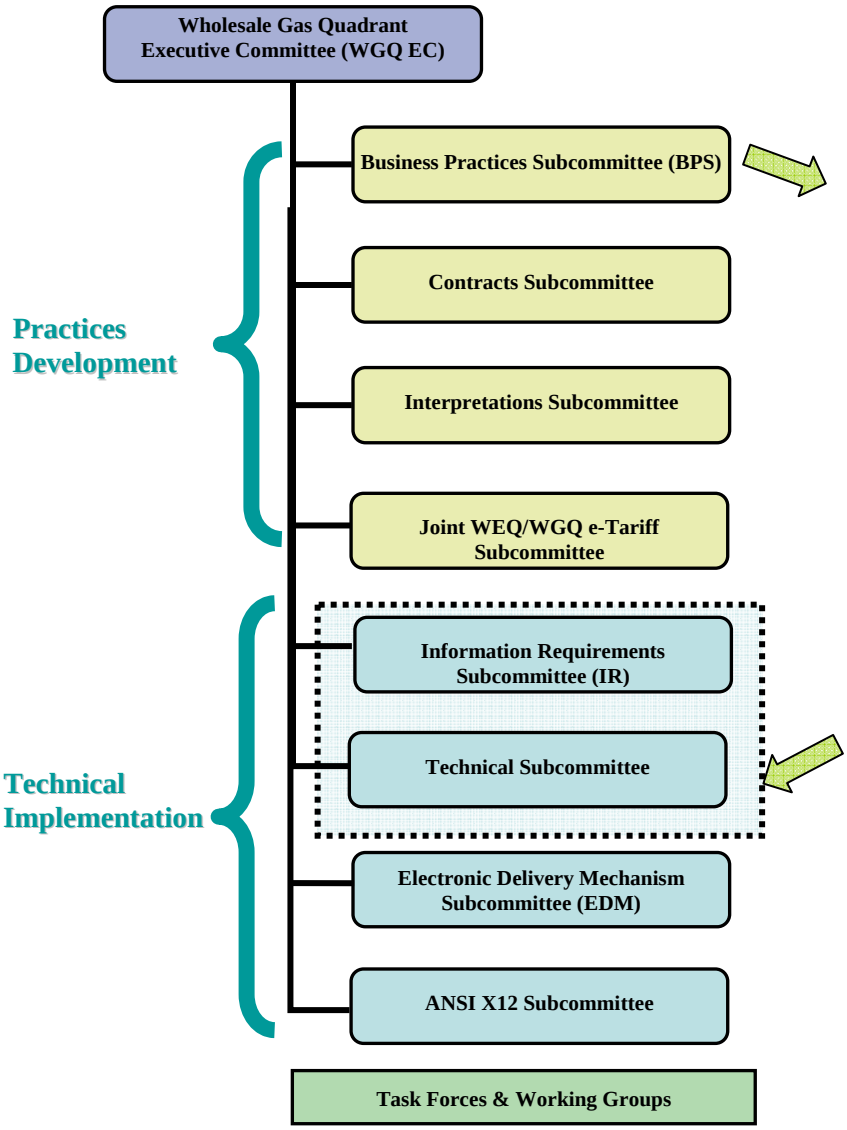
NAESB UPDATE: PROPOSED 2008 WHOLESALE GAS ANNUAL PLAN
NOVEMBER 8, 2007



The translation of business practices to usable uniform business transactions is accomplished through the definition of information requirements for the data, and mapping of that data into specific electronic transactions. This translation is performed by IR and Technical subcommittees and completes the standards development process, often referred to as "full staffing." Both IR and Technical work in tandem to complete this crucial technical implementation activity. Until these steps have been completed, the process is incomplete, and in many cases, the business practices cannot be used.

NAESB 2008 WGQ EC and Subcommittee Leadership:

Executive Committee: Jim Buccigross, Chair and Mike Novak, Vice-Chair
Business Practices Subcommittee: Kim Van Pelt, Valerie Crockett, Dolores Chezar and Richard Smith
Information Requirements Subcommittee: Dale Davis
Technical Subcommittee: Kim Van Pelt
Contracts Subcommittee: Keith Sappenfield
Electronic Delivery Mechanism Subcommittee: Leigh Spangler, Christopher Burden
Interpretations Subcommittee: Paul Love
Joint WEQ/WGQ e-Tariff Subcommittee: Keith Sappenfield, Jane Daly

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NAESB UPDATE: PROPOSED 2008 WHOLESALE ELECTRIC QUADRANT ANNUAL PLAN
NOVEMBER 27, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD

Proposed 2008 WEQ Annual Plan Prepared October 29, 2007, Presented to the WEQ Executive Committee on November 6, 2007 and revised by the WEQ ESS/ITS for Order 890 on November 27, 2007

	Item Description	Completion[4]	Assignment[5]
1	**Develop business practices standards as needed to complement reliability standards**		
	Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a)	Make version 2 changes to business practices as requested.	Ongoing	BPS
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.[2] Status: Ongoing as NERC makes changes.	Ongoing	BPS[3]
b)	Develop business practices to support Coordinate Interchange – R05020 "Include a guideline for rounding schedules with partial mWh's in the coordinate interchange business practice WEQ BPS-002-000" Status: Underway.	4th Q, 2007	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)	2nd Q, 2008	SRS
ii)	Develop business practice standards to support Operate Within Limits (R03017)	4th Q, 2008	BPS
d)	Prepare recommendations for future path for TLR in concert with NERC, which may include alternative congestion management procedures[4]	4th Qtr 2008	BPS[5]

[2] For additional information, please see: http://www.naesb.org/pdf3/weq_bps100407w4.ppt for Phase II changes and http://www.naesb.org/pdf2/weq_bps070907w4.doc for Phase III changes

[3] Joint Development Procedure to be used by the NERC TLR Drafting Team and NAESB BPS

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

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	Item Description	Completion[4]	Assignment[5]
e)	Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards. Status: Not Started.	4th Q, 2008	BPS

2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)

a) Develop version 1 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 OATT NOPR items (NOPR, Docket Nos. RM05-25-000 and RM05-17-000, "Preventing Undue Discrimination and Preference in Transmission Services", issued May 19, 2006).

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	4th Q, 2007	ESS/ITS
2.	Conditional Firm Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Not Started	1st Q, 2008	ESS/ITS
3.	Annotations For ATC Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Underway	4th Q, 2007	ESS/ITS
4.	Load Forecast And Actual Load Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Underway	4th Q, 2007	ESS/ITS

[5] Joint Development Procedure to be used by the NERC TLR Drafting Team and NAESB BPS

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NAESB UPDATE: PROPOSED 2008 WHOLESALE ELECTRIC QUADRANT ANNUAL PLAN
NOVEMBER 27, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD

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	Item Description	Completion[4]	Assignment[5]
	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)	4th Q, 2007	ESS/ITS
	Status: Underway		
	6. Preconfirmation Priority Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	4th Q, 2007	ESS/ITS
	Status: Underway		
	7. OASIS Exemptions Appendix	4th Q, 2007	ESS/ITS
	Status: Underway		
ii)	Group 2: Metrics; Redispatch Cost Posting		
	1. Metrics Related to Provision of Transmission Service (Paragraph 413 of Order 890)	1st Q, 2008	ESS/ITS
	Status: Underway		
	2. Metrics Related to Performance of Transmission Studies (Paragraphs 1308 through 1317 of Order 890	1st Q, 2008	ESS/ITS
	Status: Underway		
	3. Redispatch Cost Posting	1st Q, 2008	ESS/ITS
	o Monthly average cost of redispatch		
	o A high and low redispatch for the month		
	Status: Underway		
iii)	Group 3: Network Service On OASIS		
	1. Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource	2nd Q, 2008	ESS/ITS
	Status: Underway		
	2. Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests	2nd Q, 2008	ESS/ITS
	Status: Underway		

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Proposed 2008 WEQ Annual Plan Prepared October 29, 2007, Presented to the WEQ Executive Committee on November 6, 2007 and revised by the WEQ ESS/ITS for Order 890 on November 27, 2007

		Item Description	Completion[4]	Assignment[5]
	3.	Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	2nd Q, 2008	ESS/ITS
	4.	Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	2nd Q, 2008	ESS/ITS
	5.	Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	2nd Q, 2008	ESS/ITS
	6.	Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	2nd Q, 2008	ESS/ITS
	7.	Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	2nd Q, 2008	ESS/ITS
	8.	Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	2nd Q, 2008	ESS/ITS
iv)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7			
	1.	Pre-Emption Status: Not Started	2nd Q, 2008	ESS/ITS
	2.	Request No. R05019 Status: Not Started	2nd Q, 2008	ESS/ITS
	3.	Revisions to Standard 9.7 Status: Not Started	2nd Q, 2008	ESS/ITS
v)	Group 5: Paragraph 1377		3rd Q, 2008	ESS/ITS
	1.	Paragraph 1377 Status: Not Started	3rd Q, 2008	ESS/ITS

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Item Description	Completion[4]	Assignment[5]
2. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	3rd Q, 2008	ESS/ITS
vi) Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
1. Paragraph 1390 of Order 890 Status: Not Started	3rd Q, 2008	ESS/ITS
2. Paragraphs 1627 of Order 890 Status: Not Started	3rd Q, 2008	ESS/ITS
3. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	3rd Q, 2008	ESS/ITS
4. Posting of ETC (moved from Group 1) Status: Not Started	3rd Q, 2008	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts.[6]		
i) Develop standards to support existing Request No. R05004. Status: Underway	4th Q, 2008	BPS, ESS/ITS

[6] The 3rd Q, 2008 dates included in this Annual Plan Item are assigned as a result of NERC requesting an extension from the FERC on the original Order 890 deadlines that, if granted by the FERC, will affect the NAESB standards development on Order 890. NAESB plans to request that if the NERC deadline extensions are granted, that NAESB be given an additional 90 days to complete the business practices that are dependent on the NERC ATC reliability standards.

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	Item Description	Completion[4]	Assignment[5]
ii)	Develop Business Practice Standards for **Existing Transfer Capability (ETC)**		ESS/ITS
	1. Develop the Business Practice Standards complementary to NERC Reliability Standards for **Existing Transfer Capability (ETC)** to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses", including the elements of ETC for full implementation of the NERC MOD-001 reliability standard. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Not Started.	3rd Q, 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	3rd Q, 2008	BPS, ESS/ITS
iii)	**Capacity Benefit Margin (CBM) Business Practices** *Some of the Completion dates for these items may be changed if NERC timelines for Order 890 are changed*:		
	1. 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." The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Underway.	3rd Q, 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.	3rd Q, 2008	BPS, ESS/ITS

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	Item Description	Completion[4]	Assignment[5]
	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	3rd Q, 2008	BPS, ESS/ITS
iv)	**Transmission Reliability Margin Business Practices:** *Some of the Completion dates for these items may be changed if NERC timelines for Order 890 are changed*:		
	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	3rd Q, 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	3rd Q, 2008	BPS, ESS/ITS
	3. Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development Status: Underway	3rd Q, 2008	BPS, ESS/ITS

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NOVEMBER 27, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD

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	Item Description	Completion[4]	Assignment[5]
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)): *Some of the Completion dates for these items may be changed if NERC timelines for Order 890 are changed*:		
	1. Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.	3rd Q, 2008	BPS/ESS/ITS
	2. Business practice standards for data exchange for ATC modeling complementary to the related NERC reliability standards including any OASIS posting requirements to achieve the data exchange. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.	3rd Q, 2008	BPS/ESS/ITS
	3. Business practice standards that will set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC values on a constrained path." The standards will include a requirement that that the transmission provider posts the reason for the change in a narrative form. The posted information will include "the (1) specific events which gave rise to the change and (2) new values for ATC on that path (as opposed to all points on the network)." The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development.	4th Q, 2007	BPS/ESS/ITS
	4. Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations". The business practices developed to address this item will not require to coordination with the NERC Order 890 reliability standards development	3rd Q, 2008	BPS/ESS/ITS
	5. Business practice standards for posting on OASIS of the "actual daily peak load for the prior day." The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development	4th Q, 2007	BPS/ESS/ITS

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		Item Description	Completion[4]	Assignment[5]
	vi)	Business practice standards to complement NERC reliability standards for Transfer Capability in response to new NERC Supplemental SAR: Revisions to Existing Standards MOD001-MOD009, FAC12-13 This item was added as a result of the Supplemental SAR NERC created in case additional business practices are needed as a result of the work on this SAR by NERC. It does not have a cite in Order 890. This item will require coordination with the NERC Order 890 reliability standards development. Status: Underway	3rd Q, 2008	BPS, ESS/ITS
	vii)	Business practice standards to set forth the procedure for input on TTC and ATC methodologies and values. (During the Order 890 NERC and NAESB joint standards development effort, it was determined that the standards contained in MOD003 should be business practice standards instead of reliability standards. NERC has requested that NAESB adopt the standards as business practices via correspondence to Ms. McQuade, NAESB President.) This item will require coordination with the NERC Order 890 reliability standards development because the language to address this item is contained within a draft standards that addresses items that are dependent on NERC deliverables, i.e., the requirements to create an "ATC Information Link" on OASIS. There is no Order 890 cite for this item. Status: Underway	3rd Q, 2008	BPS, ESS/ITS
	c)	Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order. Status: Not Started.	3rd Q, 2008	BPS, ESS/ITS

3 Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling

a) Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:

i)	Develop OASIS S&CP changes to support OASIS business practices. Status: Dependent on development of OASIS business practices.	Ongoing	ESS/ITS

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NAESB UPDATE: PROPOSED 2008 WHOLESALE ELECTRIC QUADRANT ANNUAL PLAN
NOVEMBER 27, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD

Proposed 2008 WEQ Annual Plan Prepared October 29, 2007, Presented to the WEQ Executive Committee on November 6, 2007 and revised by the WEQ ESS/ITS for Order 890 on November 27, 2007

		Item Description	Completion[4]	Assignment[5]
ii)		Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions (R04006E). (Related to AP 2(a)(iii)) Status: Underway.	2nd Q, 2008	ESS/ITS
iii)		Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037). Status: Underway.	4th Q 2008	JISWG
	1)	Work with the NAESB counsel to develop a confidentiality agreement		JISWG
	2)	Transition the TSIN Registry from NERC to NAESB.		JISWG
	3)	Review and correct the Coordinate interchange Business Practice Standard as noted during the development of the e-Tag 1.8 development process.		JISWG
v)		Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019). Status: Not Started.(Related to request R05004)	4th Q, 2008	ESS/ITS
vi)		Make incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026). Status: Underway. Scoping statement completed by SRS, assignments made, and clarifications requested from the submitter.	2008	Various
vii)		Respond to issues in FERC Order No. 676 (Docket No. RM05-5-000) – NAESB WEQ Standards 001 9.7, (paragraph 51 of the order). Status: Underway. Assigned to group 4, reference 2007 WEQ AP item 2(a)(iv)(3)	2nd Q, 2008	ESS/ITS
b)		Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i)		Address the surety assessment findings on NAESB PKI standards. Status: Complete, will be provided as a response to the U.S. DoE upon completion by the WGQ for their response to the findings.	1st Q, 2008	JISWG
ii)		Develop PKI standards for OASIS. Status: Not Started.	3rd Q, 2008	ESS/ITS

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NORTH AMERICAN ENERGY STANDARDS BOARD

Proposed 2008 WEQ Annual Plan Prepared October 29, 2007, Presented to the WEQ Executive Committee on November 6, 2007 and revised by the WEQ ESS/ITS for Order 890 on November 27, 2007

	Item Description	Completion[4]	Assignment[5]
	iii) Develop PKI Standards for e-tagging. Status: Underway.	4th Q, 2007	JISWG
	iv) Develop enhanced Electric Industry Registry (EIR), (R06027) Status: Underway.	4th Q, 2007	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.	4th Q, 2007	NAESB Staff with WEQ support
4	**Review and develop business practices standards to support e-Tariff program**		
	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Underway.	1st Q 2008	Joint WEQ/WGQ e-Tariff Subcommittee
5	**Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs**		
	Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.	2008	Joint WEQ/Retail DSM-EE Subcommittee
	a) Develop matrix and business practice standards for measurement and verification for demand response programs in ISO/RTO footprint areas. Status: Underway		
	b) Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway		
	c) Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway		

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NOVEMBER 27, 2007

NORTH AMERICAN ENERGY STANDARDS BOARD

Proposed 2008 WEQ Annual Plan Prepared October 29, 2007, Presented to the WEQ Executive Committee on November 6, 2007 and revised by the WEQ ESS/ITS for Order 890 on November 27, 2007

Item Description	Completion[4]	Assignment[5]
d) Develop glossary for business practice standards Status: Underway		
e) Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway		
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		
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.		
h) Develop business practice standards for cap and trade programs for green house gas Status: Not Started.		

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.

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

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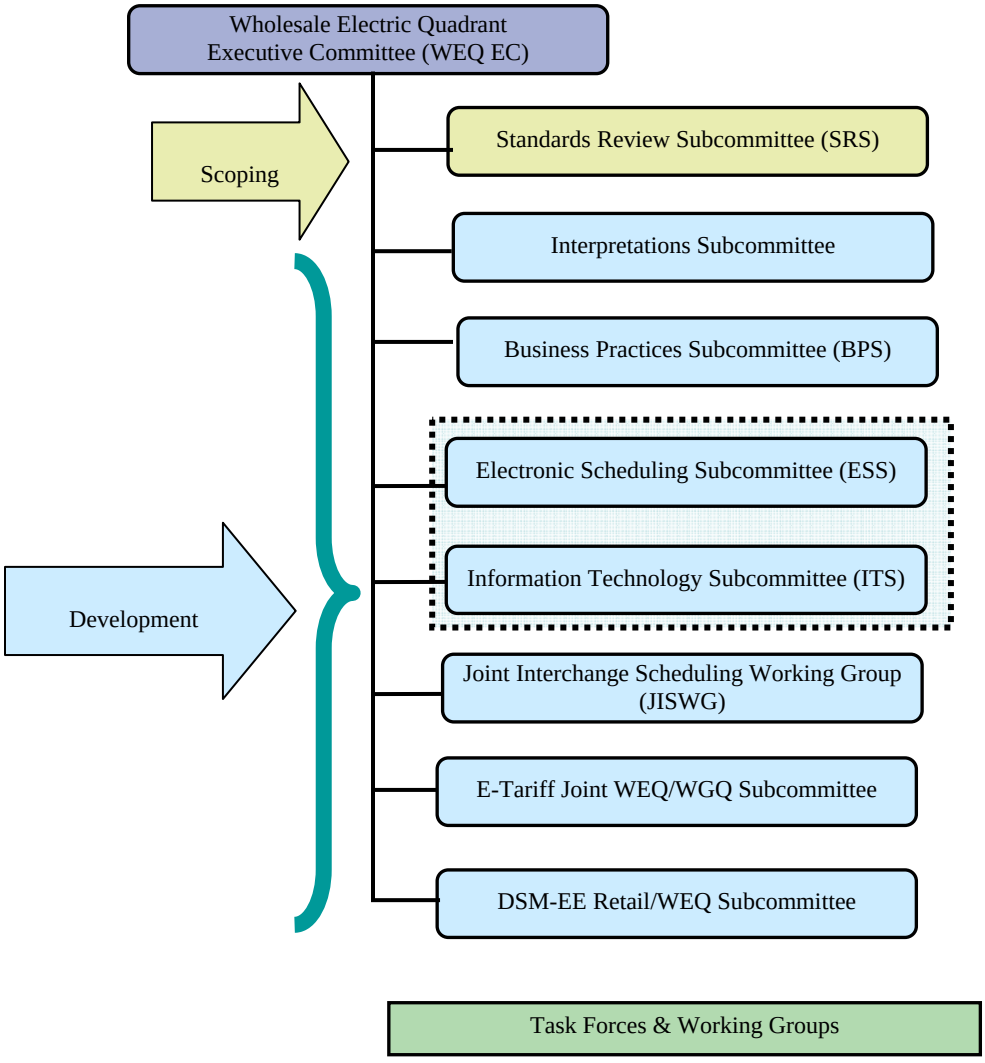
NAESB UPDATE: PROPOSED 2008 WHOLESALE ELECTRIC QUADRANT ANNUAL PLAN
NOVEMBER 27, 2007



NAESB WEQ EC and Subcommittee Leadership:
Executive Committee: Kathy York (WEQ EC Chair) and Clay Norris (WEQ EC Vice Chair)
Standards Review Subcommittee: Raj Rana, Narinder Saini
Interpretations Subcommittee: Robert Schwermann
Business Practices Subcommittee & Task Forces: Kathy York & Jim Busbin
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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NAESB UPDATE: PROPOSED 2008 QUADRANT ANNUAL PLANS END NOTES
NOVEMBER 27, 2007

End Notes Retail Plan:

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

[2] Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

[3] This work is considered routine maintenance and thus the items are not separately numbered.

[4] The REQ and RGQ ECs will assign maintenance efforts on a request-by-request basis.

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

End Notes WGQ Plan:

[i] 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.

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

[iii] The EC assigns maintenance of existing standards on a request-by-request basis.

End Notes WEQ Plan:

[4] 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.

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

TAB 9

MEMBERSHIP AND FINANCIAL REPORTS

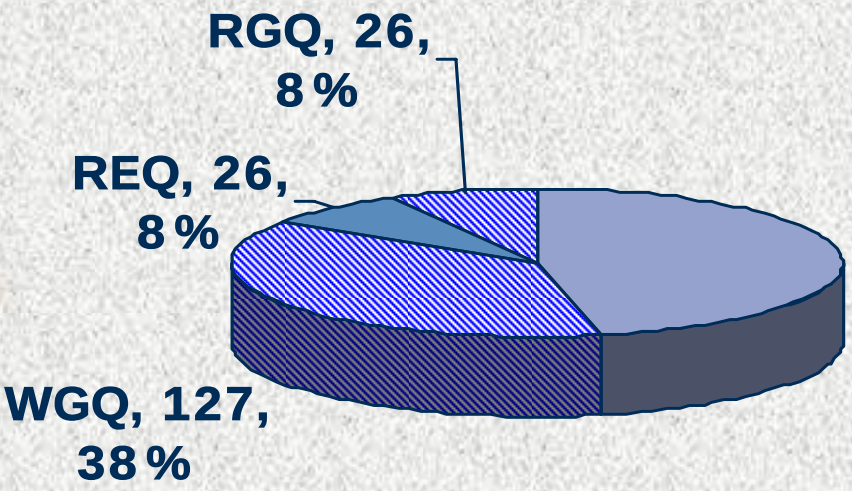
This section includes:

- Membership Report and Statistics
- Financial Reports YTD for 2007
- Proposed 2008 Budget

The material presented is background information for the discussion of agenda item 6. For the 2007 financial report and a review of the membership report, the material is presented as informational for discussion purposes with the no action expected of the board. For the proposed 2008 budget, action is required of the Board to approve proposed budget and to approve any changes suggested by the Board. To approve the proposed or amended budget, the Board will be asked to vote to endorse the 2008 budget via a simple majority vote. The Managing Committee met via conference call on December 7, reviewed, and unanimously approved the 2008 budget presented in these documents.

North American Energy Standards Board

Organizational Profile



Membership Profile

December 2, 2007

Total Membership

336

Quadrant Statistics	WEQ	WGQ	REQ	RGQ	Total
Membership YE 2006	141	124	26	25	316
Net Change	+16	+3	0	+1	+20
Membership YTD	157	127	26	26	336

North American Energy Standards Board Membership List
As of December 2, 2007

NAESB Membership Report - Quadrant/Segment Membership Analysis		Number of Members
WGQ Segments	**TOTAL**	**127**
	End Users	17
	Distributors	25
	Pipelines	41
	Producers	11
	Services	33
REQ Segments	**TOTAL**	**26**
	End Users	4
	Distributors	12
	Services	6
	Suppliers	4
RGQ Segments	**TOTAL**	**26**
	End Users	3
	Distributors	11
	Services	6
	Suppliers	6
WEQ Segments	**TOTAL**	**157**
	End Users	10
	Distributors	25
	Transmission	46
	Generation	31
	Marketers	34
	None Specified	1
	Independent Grid Operators/Planners	10

NAESB Membership Statistics – Changes by Quadrant for 2007 as of December 2, 2007

WEQ	New Members:	20
	Lincoln Electric System; New York Independent System Operator, Inc. (NYISO); TranServ International, Inc.; California ISO, Alberta Electric System Operator, Independent Electricity System Operator (IESO), ISO New England, Inc., PJM Interconnection, Portland General Electric, Public Service Company of New Mexico, APS Marketing and Trading, National Grid, Tucson Electric Power Company, Northwestern Corporation, Tampa Electric Company, Seattle City Light, Sierra Pacific Resources, SunGard, Tri-State G&T Association, Inc., NRG Energy, Inc.	
	Member Resignations:	4
	Trans-Elect, Inc., Platte River Power Authority, Ontario Power Generation, Electricity Consumers Resource Council	
WGQ	New Members:	13
	ANR Pipeline Company, Colorado Springs Utilities, Nexen Marketing; Houston Pipe Line Company, LP, Virginia Power Energy Marketing, Inc.; Transwestern Pipeline Company, Reliance Gas Transportation Infrastructure Limited, SolArc, Inc., Northern Border Pipeline Company, DB Energy Trading, Ozark Gas Transmission, LOC, Peoples Gas Systems, SUEZ Energy Marketing NA, Inc.	
	Member Resignations:	10
	Burlington Resources, Arizona Public Service Company, Trinity Apex Solutions, Inc., American Electric Power Service, Occidental Energy Marketing, Inc., Equitrans, LP, Bridgeline Gas Marketing, American Public Gas Association (APGA), Texas Gas Transmission, LLC, Integrys Energy Services, Inc.	
REQ	New Members:	1
	ista North America	
	Member Resignations:	0
	None	
RGQ	New Members:	1
	Allegro Development	
	Member Resignations:	1
	Peoples Gas System	
TOTAL	New Members	35
	Member Resignations:	15

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
REQ	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	Sara O'Neill, Peter Kelly-Detwiler, 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	Integrys 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	Barbara Alexander	
	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	
WGQ	1	8760	s	Jim Buccigross	
	2	Alliance Pipeline LP	pl	Neil Coghlan	
	3	Ameren Corporation	l	Scott Glaeser	
	4	Anadarko Energy Services Company	s	John Bretz	
	5	ANR Pipeline Company	s	Sandy Meyers	
	6	Apache Corporation	pr	Kelley Powell	
	7	Atmos Energy	pl	Steve Easley	
	8	Ballard Natural Gas, LLC	s	Susan Thibodeaux	
	9	Baltimore Gas & Electric Co.	l	Phil Precht	
	10	Barclays Bank PLC	s	Guy Kern-Martin	

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	11	BG Energy Merchants, LLC	s	Martha Braddy	
	12	Boardwalk Pipeline Partners, LP	pl	Randy Young, Mitch Whitehead	
	13	Boeing Co., The	e	Tina Burnett	
	14	BP Energy	pr	Bill Benham, Rhonda Denton	
	15	Calpine Energy Services, LP	e	Shonnie Daniel, Craig Chancellor	
	16	Cargill Incorporated	s	Kathy Gerken	
	17	Carolina Gas Transmission Corporation	pl	Ryan Leahy	
	18	Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn	
	19	CenterPoint Energy Gas Resources Corp.	s	James G. Beste, Laurie A. Rutherford	
	20	CenterPoint Energy Gas Transmission Company	pl	Larry Thomas	
	21	CenterPoint Energy Mississippi River Transmission Corporation	pl	Robert Trost	
	22	Chandeleur Pipe Line Company	pl	Janice E. Rogers	
	23	Cheniere LNG Marketing, Inc.	s	Mark Stubbe, Tammy Miller	
	24	Chevron Natural Gas	pr	Charles (Chuck) Cook	
	25	Cimarex Energy Co.	pr	Charlotte Baker	
	26	Citigroup Energy Inc.	s	Carrie Southard, Angela Davis	
	27	Colorado Springs Utilities	l	Joe M. Holmes	
	28	Columbia Gas Transmission	pl	Carl Levander	
	29	Comprehensive Energy Services	e	Jim Templeton	
	30	ConocoPhillips Gas and Power	pr	Peter Frost	
	31	Consolidated Edison Company of NY	l	Scott Butler, Paul Olmsted	
	32	Constellation Commodities Group Inc.	s	Lisa Simpkins	
	33	Coral Energy Resources, LP	s	Eric Gillaspie	
	34	Dauphin Island Gathering Partners	pl	Katie Rice	
	35	DB Energy Trading	s	William Donnelly, Travis McCullough	
	36	Defense Energy Support Center	e	Veronica Jones, Kevin Ahern	
	37	Department of Energy	e	Christopher Freitas	
	38	Dominion Exploration and Production, Inc.	pr	David Ogden, Gary Weaver, Sheri Heslington	
	39	Dominion Resources	l	Craig Columbo	
	40	Dominion Transmission, Inc.	pl	Gary Sypolt, Iris King	
	41	DTE Energy Trading, Inc.	s	Miki Kolobara	
	42	El Paso Natural Gas	pl	William Griffith	
	43	El Paso Exploration & Production Company	pr	Susan Lum	
	44	Enbridge Energy Company, Inc.	pl	Terry McGill	
	45	EnCana Marketing (USA) Inc.	s	Keith Sappenfield	
	46	EnCana Corporation	pr	Keith Sappenfield	
	47	Energy East Management Corporation	l	Marjorie Perlman	

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	48	Entergy Services, Inc.	e	Laura Berryman, Terry Shields	
	49	Enterprise Products Partners L.P.	pl	Richard W. Porter	
	50	Equitable Gas Company	l	Steve Rafferty	
	51	ExxonMobil Gas Marketing	pr	Richard Smith	
	52	Florida Power & Light Company	e	Dona Gussow	
	53	Florida Reliability Coordinating Council	e	Ken Wiley	
	54	FPL Energy Power Marketing, Inc.	e	Michael Jessop	
	55	Gas Transmission Northwest Corp.	pl	Jay Story	
	56	Great Lakes Gas Transmission	pl	Gene Fava	
	57	Group 8760	S	Jim Buccigross	
	58	Hess Corporation	s	Rebecca Batchelder	
	59	Houston Pipe Line Company LP	pl	Josie Castrejana	
	60	H S Resources Inc.	pl	Carol Hall	
	61	Imperial Irrigation District	e	William Rapp	
	62	Integrys Energy Group, Inc.	l	David E. Wear	
	63	Iroquois Gas Transmission System	pl	Tom Gwilliam	
	64	J.P. Morgan Ventures Energy Corp.	s	Ike Gibbs	
	65	Kern River Gas Transmission Co	pl	Brenda Horton	
	66	Key Span Energy	l	Dolores Chezar	
	67	Laclede Gas Co.	l	Kenneth Neises	
	68	Latitude Technologies	s	Leigh Spangler	
	69	Lehman Brothers Commodity Services Inc.	s	David Perlman	
	70	Louis Dreyfus Energy Services	s	Mary Ellen Bell, Ruby H.Melton	
	71	Lower Colorado River Authority	e	Mickey Bell	
	72	Macquarie Cook Energy, LLC	s	Angela Jones	
	73	Marathon Oil Company	pr	Robin Perrine	
	74	Mewbourne Oil Company	pr	Michael F. Shepard	
	75	Mirant Energy Trading, LLC	e	Laura Trautman, John F. Hogan	
	76	National Fuel Gas Distribution	l	Michael Novak	
	77	National Fuel Gas Supply Corp.	pl	Joseph Kardas	
	78	National Grid USA	l	Bruce Garcy	
	79	Natural Gas Pipeline Co of America	pl	Paul Love	
	80	New Jersey Natural Gas Company	l	Douglas C. Rudd	
	81	Nexen Marketing	s	Shelley Leavitt	
	82	NiSource Inc.	l	George Simmons	
	83	Northern Border Pipeline Company	pl	Scott Coburn	
	84	Northern Natural Gas	pl	Mary Darveaux	
	85	Northwest Natural Gas Company	l	Randolph Friedman	
	86	NOVA Gas Transmission Ltd.	pl	Doug Miller	
	87	ONEOK	l	Patricia Anderson	

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	88	ONEOK Partners GP, LLC	pl	Teri Tingler	
	89	Ozark Gas Transmission, LLC	pl	David A. Harrell	
	90	Pacific Gas & Electric	l	John Breen, Don Petersen	
	91	Panhandle Eastern Pipe Line	pl	William Grygar, Kim Van Pelt	
	92	PECO Energy Co.	l	Reed R. Horting, Amy Hamilton	
	93	Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzalez Azuara	
	94	Peoples Gas System (A division of Tampa Electric Co)	l	Wraye Grimard	
	95	Platts	s	Bill Murphy	
	96	Portland Natural Gas Transmission System	pl	David Haag	
	97	PPL EnergyPlus, LLC	e	Anne Lovett	
	98	Public Service Electric & Gas	l	David Wohlfarth	
	99	Questar Pipeline Co.	pl	Scott Hansen	
	100	Quorum Business Solutions Inc.	s	Mark Davis	
	101	Reliance Gas Transportation Infrastructure Limited	pl	Jagjit Yadav	
	102	Sabine Pipe Line LLC	pl	Jan Rogers	
	103	Salt River Project Agricultural Improvement & Power District	e	Diane McVicker	
	104	Sempra Energy - Southern California Gas Co.	l	Lee Stewart, Rodger Schwecke	
	105	Sequent Energy Management, L.P.	s	Pat Metteauer	
	106	SolArc, Inc.	s	Chuck McClure	
	107	Southern California Edison Company	e	Roman Bakke	
	108	Southern Company Services, Inc.	e	Alan Kilpatrick	
	109	Southern Natural Gas Co.	pl	Renee Hyde, Tracey Nicholson	
	110	Southern Star Central Gas Pipeline	pl	James L. Harder, Dale Sanders	
	111	Southwest Gas Corporation	l	Larry Black	
	112	Spectra Energy Transmission	pl	Richard Kruse	
	113	SUEZ Energy Marketing NA, Inc.	s	Shirley Tidor	
	114	SunGard	s	Lucia Nail	
	115	Tennessee Gas Pipeline Company	pl	Sue Barry, Mark Gracey	
	116	Tennessee Valley Authority	e	Valerie Crockett	
	117	Tiger Natural Gas	s	Tracy Phillips	
	118	TransCanada Pipelines	pl	Doug Miller	
	119	Transwestern Pipeline Company, LOC	pl	Blair V. Lichtenwalter, Mary Draemer, David Mendoza	
	120	UBS Energy LLC	s	Suzanne Calcagno	
	121	Vector Pipeline L.P.	pl	Amy Bruhn	
	122	Vega Energy Partners, Ltd.	s	Lori Leeder	
	123	Virginia Power Energy Marketing, Inc.	s	Paul Pfeffer	
	124	Washington Gas Light Co.	l	Adrian Chapman, Ken Yagelski	
	125	Westfield Gas & Electric Light Dept.	l	Joyce Bodak	

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	126	Williams Gas Pipeline	pl	Dale Davis	
	127	Williston Basin Interstate Pipeline	pl	Keith Tiggelaar	
WEQ	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	nd
	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	California Department of Water Resources	g	William (Bill) Forsythe	fed
	21	California ISO	i	Yakout Mansour	
	22	Central Electric Power Cooperative	d	Arthur Fusco	muni
	23	ChevronTexaco Energy Research and Technology	e	Carol Guthrie	sgen
	24	Cleco Power, LLC	t	Cindy Guillot	iou
	25	Comprehensive Energy Services	e	Jim Templeton	enduse
	26	Conectiv Energy Supply, Inc.	g	Gloria Ogenyi	merc
	27	Conectiv Energy Supply, Inc.	m	Gloria Ogenyi	iou
	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
	33	Department of the Interior, Bureau of Reclamation	g	Dr. Karl Wunderlich	fed
	34	Deseret Power Electric Co-op	g	Curt Winterfeld	muni

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	35	Dominion Energy Marketing, Inc.	g	Lou Oberski, Jalal Babik	iou
	36	Duke Energy Americas, LLC (DEA)	g	Walt Yeager	iou
	37	Duke Energy Corp.	d	Alan Pritchard	iou
	38	Dynegy Power Marketing, Inc.	g	Barry Huddleston	merc
	39	Edison Electric Institute	n	David Owens, Dave Dworzak, James P. Fama	N
	40	Edison Mission Marketing & Trading,Inc.	g	William Roberts	merc
	41	Electric Power Supply Association	m	Jack Cashin	at larg
	42	Electric Reliability Council of Texas (ERCOT)	i	Ray Giuliani, Bill Blevins	
	43	ElectriCities of North Carolina (North Carolina Eastern Municipal Power Agency)	g	Gregory Locke	muni
	44	Empire District Electric Company, The	t	Bary K. Warren	iou
	45	Energy East Management Corporation	t	Marjorie Perlman	iou
	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	Florida Reliability Coordinating Council	t	Linda D. Campbell	at large
	57	Georgia Transmission Corporation	t	Patrick McGovern	muni
	58	Hydro One Networks	t	Mark Graham	itc
	59	Hydro – Quebec Transenergie	t	Victor Bissonnette	fed
	60	Idaho Power Company	t	Tessia Park	iou
	61	Imperial Irrigation District	m	Kim M. Kiener, Frank M. Barbera	muni
	62	Imperial Irrigation District	t	Juan Carlos Sandoval, Javier Esparza	muni
	63	Independent Electricity System Operator (IESO)	i	Ron Falsetti, David Short	
	64	Indiana Muncipal Power Agency	g	Dick Foltz	muni
	65	Integrys Energy Services, Inc.	g	William Bourbonnais, Charles W. Severance, Neal Balu	iou
	66	ISO New England, Inc.	i	Matthew F. Goldberg	
	67	Lincoln Electric System	g	Douglas Bantam	muni
	68	Luminant	m	Mike Grim	niou
	69	Maryland Peoples Counsel	e	Seva Diakoparaskevas	
	70	Michigan Electric Transmission Company LLC	t	Charles V. Waits	itc
	71	Michigan Public Power Agency	d	James R. Nickel, Daniel E. Cooper	muni

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	72	MidAmerican Energy Company	m	Norman B. Stratton	iou
	73	Midwest Independent Transmission System Operator	i	William (Bill) Phillips, Ed Skiba	
	74	Midwest Reliability Organization	t	Shel Berg	at large
	75	Missouri River Energy Services	d	Brian Zavesky	muni
	76	Modesto Irrigation District	t	Roger Van Hoy	muni
	77	National Association of Regulatory Utility Commissioners	e	Lou Ann Westerfield	reg
	78	National Grid	t	Edward M. Kremzier	iou
	79	National Rural Electric Cooperative Assoc.	d	Barry Lawson	muni/coop
	80	Navigant Consulting, Inc.	m	Richard G. Smead	at large
	81	New York Independent System Operator (NYISO)	i	Mark S. Lynch	
	82	New York State Dept. of Public Service	e	William Heinrich	reg
	83	New York State Reliability Council	d	P. Donald Raymond	at large
	84	North American Electric Reliability Corporation	d	Donald M. Benjamin, Larry Kezele, Tom Vandervort	at large
	85	North Carolina Electric Membership Corporation	d	David Beam	muni
	86	North Carolina Electric Municipal Power Agency #1	m	Clay A. Norris	muni
	87	North Carolina Electric Municipal Power Agency #1	d	Matt Schull	muni
	88	Northeast Utilities Service Company	t	David Boguslawski, Calvin A. Bowie	iou
	89	Northwestern Corporation	t	Mike Cashell	iou
	90	NRG Energy, Inc.	m	Jennifer J. Vosburg	niou
	91	Ohio Consumers' Counsel	e	Wilson Gonzalez	comres
	92	Oncor	t	Ellis Rankin, Deborah McKeever	iou
	93	Ontario Power Generation	g	Colin Anderson, David Barr	merc
	94	Open Access Technology International, Inc.	e	Michehl Gent	at large
	95	Open Access Technology International, Inc.	t	Paul R. Sorenson	at large
	96	Otter Tail Power Company	t	Daryl Hanson, Larry Larson	iou
	97	PacifiCorp	m	Edison G. Elizeh, John Apperson	iou
	98	PacifiCorp	g	Greg Maxfield	iou
	99	PacifiCorp	t	Brian Weber	iou
	100	PHI Power Delivery	t	Ken Gates	iou
	101	PJM Interconnection	i	Alicia Daugherty	
	102	Portland General Electric	m	Terri Peschka	iou
	103	Portland General Electric	t	Frank Afranji	iou
	104	Powerex Corp	m	Michael L McWilliams, Sharole Tylor	fed
	105	PPL Electric Utilities Corporation	t	Ray Mammarella	iou
	106	Progress Energy (Regulated)	m	James Eckelkamp	iou

North American Energy Standards Board Membership List
As of December 2, 2007

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

North American Energy Standards Board Membership List
As of December 2, 2007

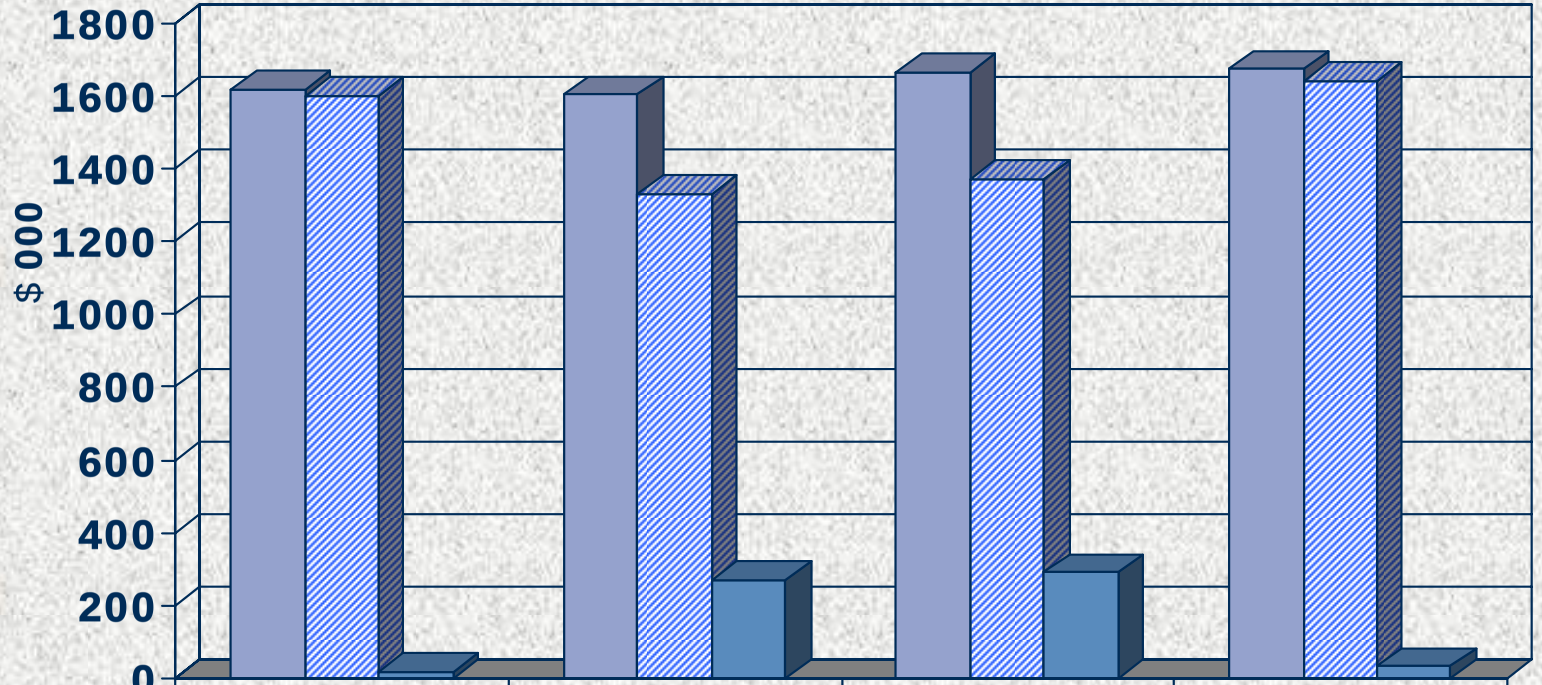
Quadrant		Organization	Segment	Contact	Sub-Segment
	144	Tennessee Valley Authority	t	W. Terry Boston	fed
	145	TranServ International, Inc.	i	Kevin Burns	
	146	Tri-State Generation and Transmission Association, Inc.	t	Keith V. Carman	muni
	147	Tri-State G&T Association, Inc.	g	Lisa Tiffin	muni
	148	Tucson Electric Power Company	t	Raquel Aguilar, Judy Fregoso, Ed Beck	iou
	149	Vermont Public Power Supply Authority	g	William J. Gallagher	muni
	150	Western Area Power Administration	t	Mark Fidrych	fed
	151	Western Area Power Administration	m	Jeffrey Ackerman	fed
	152	Western Electricity Coordinating Council	t	Michael Wells, Louise McCarren	at large
	153	We Energies (Wisconsin Electric)	d	Linda Horn	iou
	154	We Energies (Wisconsin Electric)	g	James R. Keller	iou
	155	Williams Power Company	g	Ron Mucci	at large
	156	Wisconsin Public Power, Inc.	d	Mike Stuart	muni
	157	Xcel Energy Inc.	m	David Lemmons	iou
RGQ	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	Center Point Energy Minnegasco	su	Tracy Bridge	
	6	Commerce Energy Group	s	Greg Lander	
	7	Dominion Retail, Inc.	su	Richard A. Zollars	
	8	Duke Energy Corp	d	Dan Jones	
	9	Energy Services Group, Inc.	s	George Behr	
	10	Exelon Energy	su	Sheree M. Petrone	
	11	Indiana Office of Utility Consumer Counselor	e	Matthew Parsell	
	12	Integrys Energy Group, Inc.	d	William Bourbonnais, Ken Thiry, Les Nishida	
	13	International LNG Alliance	s	David Sweet	
	14	Interstate Gas Supply	su	Elizabeth Clothier	
	15	Latitude Technologies	s	Leigh Spangler	
	16	National Fuel Gas Distribution Corporation	d	Mike Novak	
	17	Niagara Mohawk	d	James Dillon	
	18	Northern Indiana Public Service Company (NiSource, Inc.)	d	Mark T. Maassel	
	19	Ohio Consumer's Counsel	e	Bruce M. Hayes	
	20	Pennsylvania Office of Consumer Advocate	e	Tanya J. McCloskey	
	21	Public Service Electric & Gas Company	d	Terrence Moran	
	22	Sprague Energy Corp.	su	Kathy Fudali	
	23	Systrends USA	s	Dave Darnell	

North American Energy Standards Board Membership List
As of December 2, 2007

Quadrant		Organization	Segment	Contact	Sub-Segment
	24	UBS Energy LLC	su	Suzanne Calcagno	
	25	UGI Utilities, Inc.	d	Paul Szykman	
	26	Xcel Energy	d	Don Basler	

North American Energy Standards Board
Board of Directors Meeting – 12-13-07

As of October 2007 Accrual Based Income and Expenses



	2007 Budget	YTD Oct Bud	YTD Oct Act	YE Est. 2007
Income	1617	1603	1663	1673
Expense	1600	1331	1373	1639
Net Income	17	272	290	34

North American Energy Standards Board

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NAESB UPDATE – FINANCIAL REPORT
DECEMBER 1, 2007

KEY FINANCIAL HIGHLIGHTS:

- **December 14, 2006:** The Board of Directors approved the 2006 budget: $1,616,920 for revenues to be collected in 2007 based primarily on 2006-7 dues collections, and $1,599,647.00 for expenses expected in 2007, with an expected net income of $17,273.00.
- **YE December 31, 2006:** Total assets and total liabilities and equity for the yearend 2006 were $864,810.76. Accounts Receivables related to outstanding membership dues were $209,000, of which $15,000 is 90 days or more in arrears, $148,500 is 60 days in arrears and $45,500 is 30 days or less in arrears. Our net income year-end is $95,288.34 (Expenses $1,489,295.97 and net revenue of $1,584,584.31). Compared to this period last year, we have a net income increase of $135,656 (expenses were $95,624 lower in 2006 YTD and revenues were $40,033 higher YTD). Our expenses are 5.8% lower than budgeted for YTD ($1,489,295.97 actual compared to $1,581,015.00 budgeted), which is offset by revenues being 3.3% lower ($1,584,584.31 actual to $1,639,100 budgeted). As such, the net income is 39% higher than budgeted – $95,288.34 actual compared to $58,085.00 budgeted. On a cash basis, we have an ending balance as of December 31 of $607,144.
- **January 31, 2007:** Total assets and total liabilities and equity are $664,333.83. Accounts Receivables related to outstanding membership dues were $125,500, of which $20,000 is 90 days or more in arrears, $10,000 is 60 to 90 days in arrears, $65,000 is 30-60 days in arrears and $30,500 is 30 days or less in arrears. Our net income year-to-date is $906,745.87 (Expenses $206,228.59 and net revenue of $1,112,974.46). Compared to this period last year, we have a net income decrease of $45,134 (expenses were $18,557 higher for this period YTD compared to 2006 and revenues were $26,577 lower). Our expenses are 2.5% lower than budgeted for YTD ($206,228.59 actual compared to $211,474.37 budgeted), which is augmented by revenues being 2.3% higher ($1,112,974.46 actual to $1,087,993.40 budgeted). As such, the net income is 3.4% higher than budgeted – $906,745.87 actual compared to $876,519.03 –budgeted – a net gain of $30,226.84. On a cash basis, we have an ending balance as of January 31 of $491,591.
- **February 28, 2007:** Total assets and total liabilities and equity are $639,370.26. Accounts Receivables related to outstanding membership dues were $185,000, of which $25,000 is 90 days or more in arrears, $60,000 is 60 to 90 days in arrears, $10,000 is 30-60 days in arrears and $90,000 is 30 days or less in arrears. Our net income year-to-date is $862,438.79 (Expenses $321,016.97 and net revenue of $1,183,455.76). Compared to this period last year, we have a net income increase of $36,389 (expenses were $1,867 lower for this period YTD compared to 2006 and revenues were $34,522 higher). Our expenses are 5.2% lower than budgeted for YTD ($321,016.97 actual compared to $338,543.70 budgeted), which is augmented by revenues being 12.1% higher ($1,183,455.76 actual to $1,107,778.40 budgeted). As such, the net income is 3.4% higher than budgeted – $862,438.79 actual compared to $769,254.70 –budgeted – a net gain of $93,184.09. On a cash basis, we have an ending balance as of February 28 of $409,688.
- **March 31, 2007:** Total assets and total liabilities and equity are $676,748.78. Accounts Receivables related to outstanding membership dues were $220,000, of which $40,000 is 90 days or more in arrears, $10,000 is 60 to 90 days in arrears, $10,000 is 30-60 days in arrears and $160,000 is 30 days or less in arrears. Our net income year-to-date is $844,342.95 (Expenses $443,845.94 and net revenue of $1,288,188.89). Compared to this period last year, we have a net income increase of $22,569 (expenses were $3,064 lower for this period YTD compared to 2006 and revenues were $19,532 higher). Our expenses are 3.6% lower than budgeted for YTD ($443,845.94 actual compared to $460,313.03 budgeted), which is augmented by revenues being 4.8% higher ($1,288,188.89 actual to $1,241313.40 budgeted). As such, the net income is 8.1% higher than budgeted – $844,342.95 actual compared to $781,000.37 –budgeted – a net gain of $63,342.58 On a cash basis, we have an ending balance as of March 31 of $409,997.
- **April 30, 2007:** Total assets and total liabilities and equity are $594,109.58. Accounts Receivables related to outstanding membership dues were $125,500, of which $30,000 is 90 days or more in arrears, $10,000 is 60 to 90 days in arrears, $5,000 is 30-60 days in arrears and $80,500 is 30 days or less in arrears. Our net income year-to-date is $760,636.81, (Expenses $570,143.56 and net revenue of $1,330,780.37). Compared to this period last year, we have a net income increase of $10,257, (expenses were $13,541 higher for this period YTD compared to 2006 and revenues were $23,797 higher). Our expenses are 2.1% lower than budgeted for YTD, ($570,143.56 actual compared to $582,252.36 budgeted), which is

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augmented by revenues being 2.6% higher, ($1,330,780.37 actual to $1,297,348.40 budgeted). As such, the net income is 6.4% higher than budgeted – $760,636.81 actual compared to $715,096.04 –budgeted – a net gain of $45,540.77. On a cash basis, we have an ending balance as of April 30 of $424,427.

- **May 31, 2007:** Total assets and total liabilities and equity are $1,101,266.97. Accounts Receivables related to outstanding membership dues were $586,500, of which $20,000 is 90 days or more in arrears, $15,000 is 60 to 90 days in arrears, $30,500 is 30-60 days in arrears and $521,000 is 30 days or less in arrears. Our net income year-to-date is $876,541.10, (Expenses $694,692.87 and net revenue of $1,574,233.97). Compared to this period last year, we have a net income increase of $51,998, (expenses were $28,391 higher for this period YTD compared to 2006 and revenues were $80,389 higher). Our expenses are 2.5% lower than budgeted for YTD, ($694,692.87 actual compared to $712,191.69 budgeted), which is augmented by revenues being 5.7% higher, ($1,574,233.97 actual to $1,489,633.40 budgeted). As such, the net income is 13.1% higher than budgeted – $879,541.10 actual compared to $777,441.71 –budgeted – a net gain of $102,099.39. On a cash basis, we have an ending balance as of May 31 of $463,016.

- **June 30, 2007:** Total assets and total liabilities and equity are $1,013,087.29. Accounts Receivables related to outstanding membership dues were $316,000, of which $30,000 is 90 days or more in arrears, $5,000 is 60 to 90 days in arrears, $25,500 is 30-60 days in arrears and $255,500 is 30 days or less in arrears. Our net income year-to-date is $771,463.69 (Expenses $815,821.41 and net revenue of $1,587,285.10). Compared to this period last year, we have a net income increase of $14,277, (expenses were $30,316 higher for this period YTD compared to 2006 and revenues were $44,594 higher). Our expenses are 2.7% lower than budgeted for YTD, ($815,821.41 actual compared to $838,731.02 budgeted), which is augmented by revenues being 4.1% higher, ($1,587,285.10 actual to $1,525,501.73 budgeted). As such, the net income is 12.3% higher than budgeted – $771,463.69 actual compared to $686,770.71 budgeted – a net gain of $84,692.98. On a cash basis, we have an ending balance as of month-end of $662,526.

- **July 31, 2007:** Total assets and total liabilities and equity are $1,101,266.97. Accounts Receivables related to outstanding membership dues were $216,000, of which $20,500 is 90 days or more in arrears, $10,000 is 60 to 90 days in arrears, $125,500 is 30-60 days in arrears and $60,000 is 30 days or less in arrears. Our net income year-to-date is $634,698.67 (Expenses $960,144.06 and net revenue of $1,594,842.73). Compared to this period last year, we have a net income increase of $14,058, (expenses were $45,380 higher for this period YTD compared to 2006 and revenues were $59,438 higher). Our expenses are 0.5% lower than budgeted for YTD, ($960,144.06 actual compared to $964,920.35 budgeted), which is augmented by revenues being 3.3% higher, ($1,594,842.73 actual to $1,543,286.73 budgeted). As such, the net income is 9.7% higher than budgeted – $634,698.67 actual compared to $578,366.38 budgeted – a net gain of $56,332.29. On a cash basis, we have an ending balance as of month-end of $611,875.

- **August 30, 2007:** Total assets and total liabilities and equity are $955,203.57. Accounts Receivables related to outstanding membership dues were $331,500, of which $10,500 is 90 days or more in arrears, $15,000 is 60 to 90 days in arrears, $90,500 is 30-60 days in arrears and $215,500 is 30 days or less in arrears. Our net income year-to-date is $564,853.17 (Expenses $1,090,849 and net revenue of $1,655,702). Compared to this period last year, we have a net income increase of $19,327, (Expenses $1,017,010 and net revenue of $1,562,536 for the same YTD period in 2006). Our expenses virtually flat compared to budget YTD, ($1,090,848.82 actual to $1,089,839.68 budgeted), which is augmented by revenues being 4.4% higher, ($1,655,701.99 actual to $1,586,155.08 budgeted). As such, the net income is 13.8% higher than budgeted – $564,853.17 actual compared to $496,315.40 budgeted – a net gain of $68,537.77. On a cash basis, we have an ending balance as of month-end of $ 568,128.

- **September 30, 2007:** The financial review by Dishongh, Jankowski and Eubank PC was completed in August and the audit report was submitted to the office and to the NAESB Board officers in late September. No adverse findings have been reported.

- **September 30, 2007**: Total assets and total liabilities and equity are $851,664.51. Accounts Receivables related to outstanding membership dues were $236,500, of which $86,000 is 90 days or more in arrears, $30,000 is 60 to 90 days in arrears, $110,500 is 30-60 days in arrears and $10,000 is 30 days or less in arrears. Our net income year-to-date is $433,527 (Expenses $1,222,666 and net revenue of $1,656,194). Compared to this period last year, we have a net income decrease of $16,070, (Expenses $1,131,591 and net revenue of $1,581,189 for the same YTD period in 2006). Our expenses virtually

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flat (0.7% variance) compared to budget YTD, ($1,222,666 actual to $1,213,929 budgeted), which is augmented by revenues being 3.2% higher, ($1,656,194 actual to $1,605,065 budgeted). As such, the net income is 10.8% higher than budgeted – $433,527 actual compared to $391,136 budgeted – a net gain of $68,537.77. On a cash basis, we have an ending balance as of month-end of $ 552,557.

- **October 31, 2007:** Total assets and total liabilities and equity are $1,153,224.45. Accounts Receivables related to outstanding membership dues were $597,000, of which $66,0500 is 90 days or more in arrears, $30,000 is 60 to 90 days in arrears, $60,000 is 30-60 days in arrears and $440,000 is 30 days or less in arrears. The majority of Accounts Receivable is due to the 2008 membership bills being sent. Our net income year-to-date is $289,841.67 (Expenses $1,372,812 and net revenue of $1,662,654). Compared to this period last year, we have a net income loss of $62,187, (Expenses $1,236,206 and net revenue of $1,588,234 for the same YTD period in 2006). Our expenses are 2% higher compared to budget YTD, ($1,372,812 actual to $1,345,518 budgeted), which is offset by revenues being 3.7% higher, ($1,662,654 actual to $1,603,350 budgeted). As such, the net income is 12.4% higher than budgeted – $289,842 actual compared to $257,832 budgeted – a net gain of $32,009.92. On a cash basis, we have an ending balance as of month-end of $ 473,775.
- **November 15, 2007:** The IRS 990m was filed on November 15 after preparation by Dishongh, Jankowski and Eubank PC.
- **December 7, 2007:** The 2008 budget was forwarded to the NAESB Managing Committee, and after review and discussion, it was unanimously adopted.
- **December 13, 2007:** The 2008 budget will be presented to the Board for its approval.

North American Energy Standards Board

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NAESB UPDATE – FINANCIAL REPORT
DECEMBER 1, 2007

MEETING STATISTICS

Month	Event	WEQ	WGQ	Retail	Joint	Board
January	12 meetings/54 hours	5/22	3/15	4/17		
	14 conf. calls/41 hours	8/22	2/6	3/12	1/1	
February	13 meetings/62.5 hours	7/35	3/15.5	1/5	2/7	
	7 conf. calls/23.5 hours	3/10	1/4	3/9.5		
March	15 meetings/64.5 hours	7/34	3/17	0	1/5	4/8.5
	13 conf. calls/35.5 hours	9/25.5	0	1/5	3/5	
April	13 meetings/71 hours	8/43	3/18	0	2/10	
	2 conf. calls/4 hours	0	0	0	2/4	
May	19 meetings/99 hours	12/64	3/16	3/14	1/5	
	15 conf. calls/40 hours	9/27	1/3	1/3	4/7	
June	15 meetings/72.5 hours	7/38	3/18	1/2	2/10	2/4.5
	10 conf. calls/33 hours	8/27	0	2/6	0	0
July	20 meetings/110 hours	10/54	3/16	3/17	4/23	
	9 conf. calls/21 hours	6/17	0	1/1	2/3	
August	21 meetings/114 hours	11/60	6/31	0	4/23	
	9 conf. calls/22.5 hours	7/15.5	0	1/3	1/4	
September	16 meetings/67.5 hours	6/22	2/12	1/2	5/27	2/4.5
	12 conf. calls/30 hours	8/21	0	3/8	1/1	0
October	19 meetings/104 hours	6/33	3/15	2/8	8/48	
	14 conf. calls/23 hours	7/14	3/3	3/5	1/1	
November	18 meetings/93 hours	8/36	3/18	1/6	6/33	
	18 conf. calls/59 hours	8/36	2/5	5/12		3/6
Total	**181 meetings/912 hours**	**87/441**	**35/191.5**	**16/71**	**35/191**	**8/17.5**
	121 conf calls/330.5 hours	**71/213**	**9/21**	**23/64.5**	**15/26**	**3/6**

North American Energy Standards Board

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Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB UPDATE – FINANCIAL REPORT
DECEMBER 1, 2007

PRODUCT ACCESS

- **Monthly:** The copyright policy and list of companies with authorized access to our standards is prepared monthly and posted on the NAESB web site. It includes all companies who have legal access to the NAESB standards.
- **December 1, 2007:** The copyright report as of December 1, 2007 is posted on the web site. Statistics for purchases of standards are maintained monthly and can be seen below as of December 1, 2007.
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Purchases of NAESB Products as of December 1, 2007

Product	J	F	M	A	M	J	J	A	S	O	N	D	Total
NAESB Home Page Access for Password Protected Area ($3500)	1	0	0	0	0	0	0	0	0	0	0		**1**
NAESB WGQ / REQ / RGQ Internet Electronic Transport Manual, Version 1.0 ($300)	0	0	1	0	0	0	0	0	0	0	0		**1**
WGQ Printed NAESB Business Practice Standards Booklet (1 of 2 or 2 of 2) (Version 1.7) ($100)	0	0	4	2	0	0	0	0	0	0	0		**6**
WGQ Printed NAESB Business Practice Standards Booklet (1 of 2 or 2 of 2) (Version 1.8) ($100)	0	1	2	6	0	0	1	0	4	3	1		**18**
Retail Base Contract for Sales/Purchase of Natural Gas/Electricity ($50)	0	1	0	3	3	2	1	2	2	0	0		**14**
WGQ Base Contract for Sales/Purchases of Natural Gas/FTAA/OBA (Version 1.7) ($50 ea)	0	0	0	0	0	2	0	0	0	1	0		**3**
WGQ Base Contract for Sales/Purchases of Natural Gas/FTAA/OBA (Version 1.8) ($50 ea)	13	17	11	7	4	11	5	1	8	3	4		**84**
WGQ Electronic CD-Rom of Standards Manuals (Versions other than 1.7) ($200)	0	1	2	1	0	0	0	0	0	1	1		**6**
WGQ Electronic CD-Rom of Standards Manuals (Version 1.7) ($150/$300)	5	11	1	3	0	0	0	0	1	0	0		**21**
WGQ Electronic CD-Rom of Standards Manuals (Version 1.8) ($150/$300)	8	1	6	1	1	1	3	2	1	3	2		**29**
WEQ Printed NAESB Business Practice Standards Booklet ($100)	0	1	0	1	0	0	0	0	0	0	0		**2**
WEQ Electronic CD-Rom of Standards Manuals ($150/$300)	0	2	2	1	0	0	0	0	0	1	0		**6**
NAESB WGQ Contracts Course CD-Rom	0	0	0	0	0	0	0	0	0	0	0		**0**
NAESB WGQ Version 1.8 (Advanced Release of Final Actions) ($50)	0	0	0	0	0	0	0	0	0	0	0		**0**
Printed REQ/RGQ Model Business Practices Booklet ($100)	0	0	0	0	0	0	0	0	0	0	0		**0**
NAESB REQ/RGQ Model Business Practices CD-Rom ($150/$300)	0	0	0	0	0	0	0	0	0	0	0		**0**
Total	**27**	**35**	**29**	**25**	**8**	**16**	**10**	**5**	**16**	**12**	**8**		**191**

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NAESB UPDATE – FINANCIAL REPORT
DECEMBER 1, 2007

FINANCIAL REPORT YEAR-TO-DATE 2007 – ACCRUAL BASED, AS OF OCTOBER 31, 2007

BALANCE SHEET

Assets	
Current Assets	$492,406.95
Accounts Receivable	$597,000.00
Fixed Assets	$53,539.56
Other Assets	$10,277.94
Total Assets	$1,153,224.45
Liability & Equity	
Deferred Revenue	$1,076,458.37
Accounts Payable	$63,462.52
Retained Earnings	($276,538.11)
Net Income	$289,841.67
Total Liability and Equity	$1,153,224.45

INCOME AND EXPENSE

Income	$1,662,653.65
Expense	$1,372,811.98
Net Income	$289,841.67

INCOME AND EXPENSES TO BUDGET - YTD

2007 YTD Budget for Income	$1,603,350.09
Income Variance	$59,303.56
2007 YTD Budget for Expenses	$1,345,518.34
Expenses Variance	$27,293.64
Net Income Variance	$32,009.92

YEAR END ANALYSIS

2007 Budget	$1,616,920.00
Revenue YTD Actual	$1,662,653.65
Remaining Revenue Estimated through YE	$10,000.00
Estimated YE Revenue	$1,672,653.65
Expenses YTD Actual	$1,372,811.98
Remaining Expenses Estimated through YE	$266,000.00
Estimated YE Expenses	$1,638,811.98
Difference - Revenue - Expenses	$33,841.67

CASH BASIS ANALYSIS

Beginning Balance 1-1-07	$607,142
Total Cash Income	$1,255,869
Total Costs	$1,389,236
Ending Balance	$473,775

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ACCOUNTS RECEIVABLE ANALYSIS

Accounts Receivable	$597,000
Items 90 Days or more Outstanding	$66,000
Items 60 Days Outstanding	$30,000
Items 30 Days Outstanding	$61,000
Items Less Than 30 Days Outstanding	$440,000

North American Energy Standards Board
2008 Proposed Budget

	YTD Actuals as of Oct	Est YE Actuals	2007 Budget	2007 YE - Budget Difference	2007 Budget	2007-2008 Budget Difference
Revenue (Income - Cost of Sales)						
Membership Based	$1,588,750.03		$1,558,000.00		$1,700,000.00	
Non-Dues Revenue	$73,903.62		$58,920.00		$69,900.00	
Total Revenue	$1,662,653.65	$1,672,653.65	$1,616,920.00	$55,733.65	$1,769,900.00	($152,980.00)
Expense						
Total Salaries, Benefits, Taxes	$686,126.07		$812,000.00		$910,000.00	
Office Rents & Parking	$104,656.55		$126,000.00		$126,000.00	
Office Expenses	$65,778.67		$49,200.00		$78,500.00	
Telecommunications	$61,803.15		$60,000.00		$80,000.00	
Travel and Meetings	$288,286.57		$300,000.00		$335,000.00	
Publications/Mailings/Printing	$55,016.28		$73,500.00		$69,300.00	
Outside Services	$103,564.87		$155,000.00		$123,400.00	
Insurance, Taxes, Fees	$7,579.82		$8,947.00		$8,947.00	
Capital Expenditures	$0.00		$15,000.00		$15,000.00	
Total Expense	$1,372,811.98	$1,638,811.98	$1,599,647.00	$39,164.98	$1,746,147.00	($146,500.00)
Net Income	**$289,841.67**	**$33,841.67**	**$17,273.00**	**$16,568.67**	**$23,753.00**	**($6,480.00)**

Expenses YTD October	$1,372,811.98
Expected Expenses for Nov-Dec	$266,000.00
YE 2006 Est Expenses	**$1,638,811.98**
Revenue YTD October	$1,662,653.65
Expected Revenue for Nov-Dec	$10,000.00
YE 2006 Est Revenue	**$1,672,653.65**
YE 2007 Net Income	**$33,841.67**

Retained Earnings History:	
Retained Earnings from 2005	**($371,826.45)**
Retained Earnings from 2006	**($276,538.11)**
Expected Retained Earnings 2007	**($242,696.44)**
Estimated Retained Earnings 2008	**($218,943.44)**

TAB 10

STANDARDS DEVELOPMENT ACTIVITIES AND NAESB EFFORTS WITH GOVERNMENT AGENCIES AND INDUSTRY GROUPS

This section includes:

- Interactions with FERC, Other Government Agencies and Industry Groups
- 2007/2008 Meeting Schedule

The material presented is background information for the discussion of agenda item 8. 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 REGULATORY AND LIAISON REPORT UPDATE
DECEMBER 1, 2007

FEDERAL ENERGY REGULATORY COMMISSION

- **February 1, 2007:** NAESB held a one-day meeting hosted by the FERC to discuss possible standards development activities for e-Tariff. Chairman Kelliher opened the meeting.
- **March 27, 2007:** NAESB held a two-hour conference call with FERC staff to review the Order 890 plans and verify that NAESB had identified all items that require our attention. NERC staff was also on the call.
- **May 29, 2007:** A NAESB update was held with Patricia Schaub. The focus of the update was Order 890, DSM-EE and gas quality.
- **June 15 – July 20, 2007:** Rae McQuade met with each of the FERC Commissioners offices to update on Order 890, Order 698, DSM-EE, eTariff, gas quality, DUNs number efforts and the planning for the 2008 annual plans. Other meetings were held with Susan Pollonais, George Godding, Jamie Simpler and Shelton Cannon.
- **August 23, 2007:** A NAESB update was held with Susan Pollonais. The focus of the update was Order 890, DSM-EE and Order 698 and the recent WEQ EC meeting decisions.
- **September 14, 2007:** A NAESB update was held with Susan Pollonais. The focus of the update is a continuation of the August 23 meeting, including a discussion of the reconsideration of recommendation R04006D (Secondary Market Sales of Transmission Service).

FERC FILINGS

- **October 25, 2006**: FERC issued notices of proposed rulemakings for Docket Nos. RM96-1-027 and RM05-5-001 as well as an order instituting inquiries for ISOs and RTOs regarding gas-electric coordination issues (Docket Nos. EL07-1, EL07-2, EL07-3, EL07-4, EL07-5 and EL07-6). The NOPRs outline the expectation that the FERC will adopt NAESB gas-electric coordination standards. The NOPRs appeared in the Federal Register on November 3, which began the clock for commenting.
- **October 30, 2006** - NAESB WEQ Filing with FERC on Minor Correction - Standards for Business Practices and Communication Protocols for Public Utilities (Docket No. RM05-5)
- **November 2, 2006** - NAESB Filing with FERC - Addendum to the Testimony of Ronald M. Mucci on Behalf of the North American Energy Standards Board the Notice of Proposed Rulemaking. Voluntarily submitted by NAESB in response to Docket Nos. RM05-25-000 and RM05-17-000.
- **November 3, 2006** - Federal Register posting, NAESB Communication Standards NOPR
- **November 15, 2006**: FERC Notice of Request for Supplemental Comments on RM05-17-000 and RM05-25-000 - Due December 15, 2006
- **November 16, 2006**: NAESB WEQ Filing with FERC: Update to Coordinate Interchange Business Practice Standards (Docket RM05-5)
- **November 17, 2006**: The D.C. Circuit vacated and remanded Order 2004: http://www.naesb.org/doc_view2.asp?doc=04-1183a.pdf
- **January 9, 2007:** FERC issued an Interim Rule on Standards of Conduct (Docket No. RM07-6-000, Order 690). As NAESB has implemented standards to support standards of conduct, it was thought that there may be changes required to those standards. It was determined that no changes were needed.

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NAESB REGULATORY AND LIAISON REPORT UPDATE
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- **January 18, 2007:** FERC issued a NOPR on Standards of Conduct for Transmission Providers (Docket No. RM07-1-000). As NAESB has implemented standards to support standards of conduct, as this order is considered and adopted in a final order, there may be changes to both WEQ and WGQ standards.
- **February 5, 2007:** NAESB filed WEQ "Standards of Business Practices and Communication Protocols for Public Utilities" (Docket Nos. RM05-5-000) to provide additional information regarding the November 16, 2006 submittal of modifications to NAESB Wholesale Electric Quadrant business practices for Coordinate Interchange (WEQ-004).
- **February 16, 2007:** FERC issued a Final Rule (Order 890) on Preventing Undue Discrimination and Preference in Transmission Service. This order will require extensive changes to NAESB OASIS standards, addresses ATC/TTC standards already under development, will create new transparency reporting and new services – all of which will require modified or new NAESB standards.
- **February 20, 2007:** FERC issued a NOPR on Standards for Business Practices and Communication Protocols for Public Utilities, Docket No. RM05-5-003 to adopt changes to the Coordinate Interchange (CI) business practice NAESB standards in order for the business practices and reliability standards for CI to remain consistent.
- **March 8, 2007**: FERC issued Order 682-A denying rehearing in Docket No. RM06-18-01 (Revision of Regulations to Require Reporting of Damage to Natural Gas Pipeline Facilities).
- **April 9, 2007:** NAESB filed Minor Correction to Coordinate Interchange Business Practice Standards in Docket No. RM05-5-000, "Standards for Business Practices and Communication Protocols for Public Utilities"
- **April 11, 2007:** FERC issued an Order Granting Extension of Compliance Action Dates for Order 890 "Preventing Undue Discrimination and Preference in Transmission Service" (Docket Nos. RM05-17-000 and RM05-25-000; Order No. 890).
- **June 13, 2007**: NAESB filed a status report including the plans for task related to FERC Order 890 and OATT Reform.
- **June 25, 2007**: FERC issued Order 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 Docket Nos. RM96-1 and RM05-5-001 (Standards for Business Practices for Interstate Natural Gas Pipelines; Standards for Business Practices for Public Utilities).
- **June 26, 2007**: FERC issued an Order Establishing Technical conference and Providing Guidance for Docket Nos. RM05-17-002 and RM05-25-002 (Preventing Undue Discrimination and Preference in Transmission Service).
- **July 27, 2007**: FERC issued an Order Extending Compliance Action Date and Establishing Technical Conferences for Docket Nos. RM05-17-000 and RM05-25-000. In this Order, the FERC extended the date for transmission providers to submit an attachment to their OATT incorporating the transmission planning principles and concepts adopted in Order 890 and established further planning-related technical conferences.
- **August 2, 2007**: FERC issued a Notice of White Paper in Docket Nos. RM05-17-000 and RM05-25-000 "to assist transmission providers in their development of planning processes consistent with the requirements of Order 890."
- **August 31, 2007**: FERC issued an order (Docket Nos. EL07-1 to EL07-6) terminating the six section 206 proceedings related to gas-electric coordination.

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- **September 14, 2007**: NAESB filed a status report with the FERC on September 14, 2007 that included the NAESB WGQ Version 1.8 standards: NAESB Report on Standards for Business Practices of Interstate Natural Gas Pipelines (Docket No. RM 96-1 et al) and Regulation of Short-Term Natural Gas Transportation Services and Regulation of Interstate Natural Gas Transportation Services (Docket No. RM 98-10 et al)
- **November 1, 2007:** Federally jurisdictional entities were to file compliance reports with the FERC regarding implementation of the gas-electric communication standards adopted in Order 698.
- **December 6, 2007:** NERC requested and was granted an extension for the Order 890 ATC deliverables until May 9, 2008. As there are interdependences between the NERC and NAESB efforts, FERC extended NAESB's deadlines to August 7, 2007 for the ATC related work products.

FERC FILING SCHEDULE

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

Filed in the 1st Quarter 2006

(1) WEQ: Version 0 split of transmission loading relief (RM05-5-000) –Filed 2-17-06

(2) WEQ: Inadvertent Interchange Payback report and comments (RM05-5-000) – Filed 2-17-06

(3) WEQ and WGQ: Follow up report from the Gas-Electric Interdependency Committee (RM05-28-000) – Filed 2-24-06

Filed in the 3rd Quarter 2006

(4) WEQ: A report was provided to the Commission on August 7 related to Docket Nos. RM05-25-000 and RM05-17-000. The report included a list of items that may require NAESB attention and standards development dependent on the final order and proposed staging of development and industry implementation. – Filed August 7, 2006.

Filed in the 4th Quarter 2006

(5) WEQ: A minor correction on WECC timing, Docket No. RM05-5-000 – Filed 10-30-06

(6) WEQ: A set of speaker points and addendum answering Commission questions on the OATT Reform NOPR as part of the October 12 FERC Technical Conference – Filed 11-2-06.

(7) WEQ: NAESB filed a coordinate interchange version 1 modification to ensure consistency with NERC filings on coordinate interchange for reliability standards, Docket No. RM05-5-000 – Filed 11-16-06.

Filed in the 1st Quarter 2007

(8) WEQ: NAESB filed comments clarifying the coordinate interchange submittal on 11-6-06. The comments were filed in Docket No. RM05-5-000 – Filed 2-5-07.

(9) WEQ: NAESB filed Minor Correction to Coordinate Interchange Business Practice Standards in Docket No. RM05-5-000, "Standards for Business Practices and Communication Protocols for Public Utilities" to address timetables for WECC. Docket No. RM05-5-000 – Filed 4-9-07.

Planned by 2nd/3rd Quarter 2007

(10) WEQ: Order 890 Status Report and Plan, Docket Nos. RM05-17-000 and RM05-25-000 – Filed June 13, 2007

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(11) WGQ: Version 1.8 WGQ standards (published September 30, 2006) (RM96 et al). Should be filed once minor corrections are processed and NAESB determines if changes are needed to support the FERC actions on the court-vacated Order 2004.

Planned in 4th Quarter 2007

(12) WEQ: Version 1.0 filing will be filed including TLR, all changes made since the 2005 Version 0 filing, changes for part of Order 890. Version ! is planned to be filed on December 21, 2007. The filing acknowledges the Order 890 extension date and further notes the dissolution of the Joint Interface Committee.

(13) 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).

Planned Post 4th Quarter 2007

(14) WEQ: Business Practices for the ATC/TTC functions and complementary to the ATC/TTC reliability standards should be filed with the FERC in 2007-2008 as requested by the Commission on May 18 in the NOPR, Docket No. RM05-25-000, and subsequently finalized in Order 890, See item 11.

(15) WEQ: Business Practices for the transparency and electronic scheduling functions should be filed with the FERC in 2007-2008 as requested by the Commission on May 18 in the NOPR, Docket No. RM05-25-000, and subsequently finalized in Order 890, See item 11. As groups of standards are complete that address specific functions, they will be coordinated with FERC and filed.

DEPARTMENT OF ENERGY & SANDIA NATIONAL LABORATORIES

- **October 23, 2006:** 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 expected in yearend, after which NAESB will respond to the DoE.

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). 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.
- **Planned 2007:** Monthly update calls in 2007 are scheduled for January 31, March 14, May 23, July 25, September 12 and December 5.
- **January 31, 2007:** A monthly update call was held to discuss seams issues, demand side management activities, the e-tariff activities, the PKI standards recently adopted, the creation of a new segment in the WEQ and an update on the coordination efforts with NERC on TLR.
- **February 17, 2007:** The NAESB Advisory Council meeting took place in conjunction with the NARUC winter session. The meeting was scheduled from 4:00 PM to 6:00 PM Eastern at the Renaissance Washington Hotel in Washington, DC. It was well attended, and the agenda covered such items as DSM, EE, gas-electric interdependency, participation by the ISOs, coordination with NERC, gas quality, and OATT reform.

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- **February 18, 2007:** A primer from Jimmy Glotfelty of ICF regarding the GEIC report produced on June 22, 2006 and a primer from Ken Costello of NRRI regarding the GEIC report on July 30, 2006 was published in support of the NAESB filing made on February 22, 2006. The FERC NOPR (Docket Nos. RM05-5-001 and RM96-12-027) regarding this filing was made available on October 25 to address communication standards. Valerie Crockett and Rae McQuade participated in the NARUC winter session on this issue on February 18, 2007.
- **March 14, 2007:** A monthly update call was held to discuss seams issues, demand side management activities, the e-tariff activities, the creation of a new segment in the WEQ, the gas quality efforts, the Advisory Council and an update on the efforts to address standards issues in Order 890.
- **May 23, 2007:** A monthly update call was held to review the various projects underway at NAESB include: the coordination with NERC to complete the NERC split version of the TLR standards; the progress to date on FERC Order 890; the development of standards to address e-Tariff; Gas Quality; and Demand Side Management and Energy Efficiency.
- **July 15, 2007:** Rae McQuade updated the gas staff subcommittee on recent activities including Order 698, e-Tariff, DSM and gas quality.
- **July 25, 2007**: NAESB subcommittee chairs provided reviews of the various projects underway at NAESB including the development of standards to address e-Tariff; Demand Side Management and Energy Efficiency; the progress to date on FERC Order 890; and FERC Order 698.
- **September 12, 2007**: The topics on the call included coverage of the DSM and Energy Efficiency Subcommittee efforts; e-Tariff Subcommittee efforts; the work of the WGQ Business Practices Subcommittee on Order 698; the Planning for the 2008 Annual Plans; an Update on the efforts in the WEQ to address Order 890; and an update on TLR.
- **November 6, 2007**: Ms. McQuade, Mr. Koogler and Mr. Desselle visited with Commissioners Kerr and Ervin regarding NAESB activities in DSM, DR and EE.
- **November 11-14, 2007**: Ms. McQuade and Ms. Kennedy attended the NARUC Annual Convention in Anaheim, California. Ms. McQuade moderated a DSM-EE panel with Mr. Koogler and Mr. Haynes as speakers along with speakers from the DoE, ConEd and NASUCA.
- **December 4, 2007:** Ms. McQuade and Mr Murphy met with Commissioner Mason regarding NAESB activities in DSM, DR and EE.
- **December 5, 2007**: The December Monthly Update Call included topics on eTariff, DSM, Order 890, Order 698 and the creation of the 2008 Annual Plans. The schedule for 2008 has been set.

NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

- **April 5, 2007:** NAESB met with NERC administration in Princeton to address TLR delays, joint publication scenarios for revenue neutral solutions, joint development concerns and coordination of Order 890 tasks and filings with the FERC.
- **September 28, 2007:** NAESB met with NERC administration in Washington, DC to discuss copyright waivers so NERC can publish the NAESB TLR standards in a standards manual.

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November 6, 2006

TO: NAESB Executive Committee and Interested Industry Participants
FROM: Rae McQuade, NAESB Executive Director
RE: Schedule of 2007 Meetings and 2008 Meetings

Below is the schedule for 2007 and plan for 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:

2007 Calendar of Board and EC Meetings

Date	Meeting	Location
February 6-7	EC Meetings – WEQ. Retail	Houston
February 17	Advisory Council Meeting	Washington D.C. in conjunction with the NARUC Winter meetings
March 22	Board of Directors	Houston
May 8-10	Executive Committee Meetings (WEQ, Retail, WGQ)	Washington D.C.
June 28	Board of Directors Meeting & Strategic Planning Session	Austin, Texas
August 14	Executive Committee Meetings (WEQ)	Colorado Springs, CO
September 27	Board of Directors	Houston
November 6-8	Executive Committee Meetings (WEQ, Retail, WGQ)	Houston
December 13	Board of Directors	Houston

2008 Calendar of Board and EC Meetings

Date	Meeting	Location
February 5-7	EC Meetings (WEQ. Retail, WGQ)	Houston – NAESB Office
February 16	Advisory Council Meeting	Washington D.C. in conjunction with the NARUC Winter meetings
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)	Houston – NAESB Offices
December 18	Board of Directors	Houston – Wyndham Greenspoint