North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB BOARD OF DIRECTORS MEETING INCLUDING THE MEETING OF THE MEMBERS
Hilton Houston North Hotel, Houston, Texas - Thursday, September 25 – 9:00 a.m. to 1:00 pm Central
DRAFT AGENDA WITH LINKS TO RELATED DOCUMENTS

Time	Agenda	Topic/Materials	Page
8:00 am		**Resources Committee Meeting**	
8:30 am		**Continental Breakfast**	
9:00 am	**1.**	**Administration and Welcome**	
	a)	Antitrust Guidelines http://www.naesb.org/misc/antitrust_guidance.doc (Guidance)	**1**
	b)	Introduction of Board Members and Guests http://www.naesb.org/pdf2/bod_terms.pdf (Board Roster)	**2**
	2	**Adoption of the Agenda and Minutes**	
	a)	Agenda Adoption -- http://www.naesb.org/pdf3/bd092508a.doc (Agenda)	**9**
	b)	Adoption of Draft Minutes – June 26, 2008 http://www.naesb.org/pdf3/bd062608dm.doc (Minutes)	**11**
	3.	**Membership and Financial Report**	
	a)	http://www.naesb.org/misc/membership_slide_090308.ppt (Membership Chart)	**20**
		http://www.naesb.org/misc/membership_report_090308.doc (Membership Report)	**21**
	b)	http://www.naesb.org/misc/financial_chart.ppt (Financial Chart)	**34**
		http://www.naesb.org/misc/financial_report091408.doc (Financial Report)	**35**
	4.	**Reports from board committees**	
	a)	**Revenues Task Force**	
		Review of recommended actions and draft resolutions for consideration and vote	
		(Revenue Task Force Summary) http://www.naesb.org/misc/revenues_summary.doc	**40**
		(Board Draft Resolutions) http://www.naesb.org/misc/motions_090908.doc	**42**
	b)	**Parliamentary Committee**	
		Review of recommended actions and draft resolutions for consideration and vote	
		(Certificate Amendments) http://www.naesb.org/pdf3/parliamentary090908a1.doc	**44**
		(Bylaws Amendments) http://www.naesb.org/pdf3/parliamentary090908a2.doc	**52**
		(NAESB Ops Amendments) http://www.naesb.org/pdf3/parliamentary090908a3.doc	**90**
		(Proposed Policy) http://www.naesb.org/pdf3/parliamentary090908a5.doc	**108**
		(Board Draft Resolutions) http://www.naesb.org/misc/motions_090908.doc	**109**
	c)	**Resources Committee**	
		Review of Progress http://www.naesb.org/pdf3/board_resource092508w1.pdf (Resources Report)	**111**
	5.	**Updates on specific efforts**	
	a)	**WEQ and WGQ: eTariff Courses**	
		- http://www.naesb.org/pdf3/NAESB_eTariff_Flier_102108.pdf (Course Description)	**142**
		- http://www.naesb.org/pdf3/ferc091808_etariff.pdf (FERC Press Release)	**144**
		- http://www.naesb.org/pdf3/ferc091908_final_rule_order714.doc (FERC Order No. 714)	**145 ***

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB BOARD OF DIRECTORS MEETING INCLUDING THE MEETING OF THE MEMBERS
Hilton Houston North Hotel, Houston, Texas - Thursday, September 25 – 9:00 a.m. to 1:00 pm Central
DRAFT AGENDA WITH LINKS TO RELATED DOCUMENTS

Time	Agenda		Topic/Materials	Page
	5	**b)**	WEQ: Order No. 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress, NAESB filing of Version 2 with FERC	
			http://www.naesb.org/pdf3/update091008w6.doc (Order 890 Work Plan)	**159**
			http://www.naesb.org/pdf3/update091008w7.pdf (Order 890 Progress Report)	**191**
			http://www.naesb.org/pdf3/ferc082908_order_890_filing.pdf (NAESB Version 2.0 Status Report)	**193 ***
		c)	WGQ: NAESB filing of Order No. 698 business practices with FERC	
			http://www.naesb.org/pdf3/update091008w1.pdf (NAESB Order 698 Status Report)	**206 ***
		d)	WGQ: Update on capacity release price indexing technical implementation and progress report on FERC Order No. 712	
			http://www.naesb.org/pdf3/update091008w4.pdf (FERC Order No. 712)	**212 ***
		e)	WEQ and Retail: DSM/EE efforts	
			http://www.naesb.org/pdf3/update091008w3.doc (DSM Report)	**218**
		f)	Retail: Progress on next publication	
			http://www.naesb.org/pdf3/update091008w5.doc (Retail Publication Report)	**251**
		g)	Retail: Progress on retail restructuring	
			No materials available	
	6		**Executive Committee Reports**	
		a)	Review of WGQ Annual Plan and possible vote on revisions http://www.naesb.org/pdf3/wgq_2008_annual_plan.doc (WGQ Annual Plan)	**253**
		b)	Review of Retail Annual Plan and possible vote on revisions http://www.naesb.org/pdf3/retail_2008_annual_plan.doc (Retail Annual Plan)	**258**
		c)	Review of WEQ Annual Plan and possible vote on revisions http://www.naesb.org/pdf3/weq_2008_annual_plan.doc (WEQ Annual Plan)	**263**
	7		**Plan for December 2008 Board Meeting**	
			No materials available	
	8		**Old and New Business**	
		a)	WEQ Subsegment Status: http://www.naesb.org/pdf3/weq_leadership100108a.doc (WEQ Leadership Materials)	**283**
		b)	Liaisons with external groups: FERC, NARUC, NERC, Other Groups	
		c)	Board Meeting Schedule for 2008, 2009: http://www.naesb.org/misc/schedule.doc (2008/2009 schedule)	**285**
1:00 pm	**9**		**Adjourn**	

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

* Recognizing the length of the document, an excerpt provided in assembled materials. The complete document can be found in the link provided.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB ANTITRUST GUIDELINES STATEMENT

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

NORTH AMERICAN ENERGY STANDARDS BOARD
2008 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	12-31-2009
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	12-31-2009
Marty Patterson	Vice President – Commercial Operations, Foothills Energy Ventures LLC	12-31-2008
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	12-31-2009
PIPELINE SEGMENT		
Cathie Legge	Manager – Customer Service, Alliance Pipeline LP	12-31-2008
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	12-31-2008
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	12-31-2008
Anne Bomar	Vice President, Dominion	12-31-2009
Richard Kruse	Senior Vice President, Spectra Energy Transmission	12-31-2009
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
Amy Hamilton	Manager of Gas Supply & Transportation, PECO Energy Co.	12-31-2009
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	12-31-2009
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	12-31-2009
END USERS SEGMENT		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	12-31-2008
Timothy W. Gerrish	Director of Origination-Energy Marketing and Trading, Florida Power & Light	12-31-2008
Tina Burnett	Natural Gas Resources Administrator, The Boeing Co.	12-31-2008
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	12-31-2009
Jim Templeton	Principal, Comprehensive Energy Services	12-31-2009
SERVICES SEGMENT		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	12-31-2008
Rusty Braziel	Managing Director, Bentek Energy, LLC	12-31-2008
Jim Buccigross	Vice President Energy Industry Practice, 8760 Inc.	12-31-2009
Bill Hebenstreit	Marketing Manager, Goodrich Petroleum Company, LLC	12-31-2009
V A C A N T		12-31-2008

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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

SUPPLIERS SEGMENT		**TERM END:**
Robert K. Koger	President, North Carolina Advanced Energy Corporation	12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
DISTRIBUTORS SEGMENT		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	12-31-2009
Dennis Derricks	Director Regulatory Policy and Analysis, Wisconsin Public Service Corporation	12-31-2009
Ruth Kiselewich	Director, Conservation Programs, Baltimore Gas & Electric Company (MAAC NERC Region)	12-31-2008
Debbie McKeever	Market Advocate, Oncor	12-31-2008
END USERS SEGMENT		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Controller, PPL Solutions LLC	12-31-2009
David Pickles	Vice President, ICF International	12-31-2009
J Cade Burks	President, EC Power	12-31-2008
V A C A N C Y		12-31-2008

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD
2008 BOARD TERMS – Wholesale Electric Quadrant

TRANSMISSION SEGMENT		**TERM END:**	**SUBSEGMENT:**
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	12-31-2009	Muni/Coop
Chuck Feagans	Senior Manager, Reliability Policy, Tennessee Valley Authority	12-31-2008	Fed/State/Prov.
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	12-31-2008	IOU
Jerry Smith	Alliance/Partnership Manager, Arizona Public Service Co.	12-31-2009	IOU
Jill Horswell	Director Transmission, Southern California Edison	12-31-2008	at large
Terri Grabiak	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc.	12-31-2009	at large
Michelle Mizumori	Market Interface Manager, Western Electricity Coordinating Council (WECC)	12-31-2009	At-Large
GENERATION SEGMENT			
Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	12-31-2009	Muni/Coop
Belinda Thornton	General Manager - Energy Origination, 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, Wisconsin Public Service Corporation	12-31-2009	IOU
Ron Mucci	Consultant, Representing Entegra Power Group LLC	12-31-2009	Merchant
Gloria Ogenyi	Vice President Energy Policy, Conectiv Energy Supply, Inc.	12-31-2008	Merchant
Shah Hossain	Senior Regulatory Specialist, Westar Energy, Inc.	12-31-2009	at large
MARKETERS/BROKERS SEGMENT			
Roy True	Manager of Regulatory and Markets Development, ACES Power Marketing	12-31-2008	Muni/Coop
Jeff Ackerman	Manager, Colorado River Storage Project Energy Management and Marketing Office, Western Area Power Administration	12-31-2009	Fed/State/Prov.
V A C A N T		12-31-2008	Not IOU Affiliated
Jack Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	12-31-2009	at large
Sam Forrest	Vice President, Energy Marketing and Trading, Florida Power & Light	12-31-2008	IOU
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	12-31-2009	IOU
Rick Smead	Director, Navigant Consulting, Inc.	12-31-2009	At-Large

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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	12-31-2009	Muni/Coop
V A C A N C Y		12-31-2008	IOU
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	12-31-2009	IOU
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	12-31-2009	at large
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	12-31-2008	at large
Bruce Ellsworth	New York State Reliability Council	12-31-2009	At-Large
END USERS SEGMENT			
V A C A N C Y		12-31-2009	at large
V A C A N C Y		12-31-2008	at large
Thomas G. Dvorsky	Director of the Office of Electricity, Gas, and Water at the New York State Department of Public Service	12-31-2008	Regulator
V A C A N C Y		12-31-2009	at large
V A C A N C Y		12-31-2008	at large
V A C A N C Y		12-31-2009	at large
Michehl Gent	Open Access Technology International, Inc.	12-31-2009	At-Large
INDEPENDENT GRID OPERATORS/PLANNERS			
Michael Desselle	Vice President Process Integrity, Southwest Power Pool	12-31-2008	
Kent Saathoff	Vice President of System Operations, 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	Senior Vice President Marketing, PJM Interconnection	12-31-2009	
Bill Phillips	Vice President Standards Compliance & Strategy, Midwest ISO (MISO)	12-31-2009	
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)	12-31-2009	

The subsegments noted in the above roster are:

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

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

End Use (also in another segment)

Federal/State/Provincial

IOU – Investor Owned Utility or IOU Affiliated

ITC – Independent Transmission Company

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Large Industrials (not in other segments)

Merchant

Muni/Coop – Municipals, Cooperatives

Not IOU Affiliated

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

Regulator

Residential/Commercial

End Use (Self Generation)

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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

SUPPLIERS SEGMENT		**TERM END:**
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2008
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
DISTRIBUTORS SEGMENT		
Alonzo Weaver	Vice President of Engineering and Operations, Memphis Light, Gas & Water Division (APGA)	12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2008
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.	12-31-2009
V A C A N C Y		12-31-2009
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		12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2009
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	12-31-2009
Greg Lander	President, Capacity Center	12-31-2009
V A C A N C Y		12-31-2009
V A C A N C Y		12-31-2008

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

September 4, 2008

TO: NAESB Board of Directors, Invited Guests, Speakers

FROM: Rae McQuade, NAESB President and COO

RE: Meeting Announcement for the NAESB Board Meeting – September 25, 2008

Dear Board Members, Speakers and Invited Guests:

As previously communicated, the June Board meeting including the meeting of the members will be held in Houston at the Hilton Houston North Hotel, which is located near the George Bush Intercontinental Airport. The specifics of the meeting are:

WHERE:		Hilton Houston North (previously called the Wyndham Greenspoint) Hotel, 12400 Greenspoint Drive, Houston, Texas 77060, Phone (281) 875-2222	
WHEN:	Sep 24	Wholesale Gas Leadership Meeting (a working lunch will be served at this meeting)	Noon to 3:00 pm C
	Sep 24	Retail Leadership Meeting (a coffee service will be provided at this meeting)	3:00 pm to 5:00 pm C
	Sep 24	Board Reception and Dinner	6:00 pm reception 7:00 pm dinner seating
	Sep 25	Resources Committee Meeting (a breakfast will be served for this meeting)	8:00 am to 9:00 am C
	Sep 25	Board Meeting (a continental breakfast and buffet lunch will be served during the meeting)	9:00 am to 1:00 pm C

We are very fortunate that Bob Gee will be our dinner speaker speaking on the topic of China's power sector – an article he recently penned for the Energy Law Review (http://www.naesb.org/misc/chinas_power_sector.pdf). Bob is a long time friend to both NAESB and its predecessor GISB, and he serves on our Advisory Council and has done so since its inception. Bob is the president and founder of the Gee Strategies Group LLC, a consulting firm providing policy analysis, advocacy, and litigation support services based in Washington, D.C. His background and experience clearly qualify him as sought-after key advisor to the energy, utility and critical infrastructure industries through a thirty-year record of achievement -- including Assistant Secretary for Policy and International Affairs and as Assistant Secretary for Fossil Energy of the U.S. Department of Energy in Washington, D.C, chairman of the Public Utility Commission of Texas and chairman of the Committee on Electricity for the National Association of Regulatory Utility Commissioners. His biography follows. We are very excited to have Bob as our dinner speaker, and with the many changes facing the global energy market and China's impact, we know his remarks will be thought provoking and well received.

As with all our meetings, these events are open to any interested party. For the meetings, conference calling will be available should you be unable to attend in person. Please contact Veronica Thomason (vthomason@naesb.org, 713-356-0060) for additional information on the meeting and conference calling information. **Please RSVP by September 12 if you plan to attend in person or call into the meeting**. Board materials should be provided to you shortly.

We hope you will be able to make the dinner on the September 24 followed by the Board meeting on September 25. We also encourage you to attend the related Board Committee meetings on both September 24 and 25.

Best Regards,

Rae McQuade

Rae McQuade
NAESB President & COO

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB BOARD OF DIRECTORS MEETING INCLUDING THE MEETING OF THE MEMBERS
Hilton Houston North Hotel, Houston, Texas
Thursday, September 25 – 9:00 a.m. to 1:00 pm Central

DRAFT AGENDA

8:00 a.m. **Resources Committee Meeting**
8:30 a.m. **Continental Breakfast**

9:00 a.m. **1. Administration and Welcome**
a) Antitrust Guidelines
b) Introduction of Board Members and Guests

2. Adoption of the Agenda and Minutes
a) Agenda Adoption
b) Adoption of Draft Minutes – June 26, 2008

3. Membership and Financial Report
a) Membership Report
b) Financial Report for 2008 YTD

4. Reports from board committees
a) Revenues Task Force
- Review of recommended actions and draft resolutions for consideration and vote

b) Parliamentary Committee
- Review of recommended actions and draft resolutions for consideration and vote

5. Updates on specific efforts:
a) WEQ and WGQ: eTariff Courses
b) WEQ: Order No. 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress, NAESB filing of Version 2 with FERC
c) WGQ: Order No. NAESB filing of Order No. 698 business practices with FERC
d) WGQ: Update on capacity release price indexing technical implementation and progress report on FERC Order No. 712
e) WEQ and Retail: DSM/EE efforts
f) Retail: Progress on next publication

6. Executive Committee Reports
a) Review of WGQ Annual Plan and possible vote on revisions
b) Review of Retail Annual Plan and possible vote on revisions
c) Review of WEQ Annual Plan and possible vote on revisions

7. Plan for December 2008 Board Meeting

8. Old and New Business
a) WEQ Subsegment Status
b) Liaisons with external groups: FERC, NARUC, NERC, Other Groups
c) Board Meeting Schedule for 2008, 2009

1:00 p.m. **9. Adjourn**

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

ROBERT W. GEE

Robert W. Gee is President and Founder of the Gee Strategies Group LLC, a consulting firm providing policy analysis, advocacy, and litigation support services for the energy, utility and critical infrastructure industries based in Washington, D.C. His diverse client base includes investors, trade associations, utilities, and public sector institutions. He has a thirty-year record of achievement as a seasoned Washington and Texas-based senior public official, attorney, and executive performing complex assignments involving major energy and telecommunications issues at the state, national, and international level.

A frequent speaker at conferences, he has testified numerous times before the United States Congress, and has been interviewed and quoted by news media, including USA Today, The Wall Street Journal, the Los Angeles Times, National Journal, Energy News Live and CNBC television. His editorials have appeared in the Los Angeles Times, the Dallas Morning News, and the Houston Chronicle.

From 1997 to 2000, he served as Assistant Secretary for Policy and International Affairs and as Assistant Secretary for Fossil Energy of the U.S. Department of Energy in Washington, D.C. He chaired the Energy Department's Central Asia/Caspian energy strategy to promote strategic oil and gas production and pipeline objectives, and was responsible for the timely completion of the Department's 1998 Comprehensive National Energy Strategy. He also oversaw the operation of the Strategic Petroleum Reserve, and the national research program to develop and demonstrate advanced clean coal, natural gas, and petroleum technologies.

From 1991 until 1997, he served as a member of the Public Utility Commission of Texas and as its Chairman from 1991 through 1995. During his service, he chaired the Committee on Electricity for the National Association of Regulatory Utility Commissioners.

He served as Vice President for Development and Partner Relations for the Electricity Innovation Institute (E2I), an affiliate of the Electric Power Research Institute (EPRI), where he advocated efforts to create a "smart grid" to digitize the electric utility power delivery system of the United States to enhance reliability and instantaneously instances of outages.

He has served as an Attorney Advisor at the Interstate Commerce Commission and as a Supervisory Trial Attorney at the Federal Energy Regulatory Commission. He held the position of General Attorney at Tenneco Oil Company, and was Of Counsel to the law firm of Akin, Gump, Strauss, Hauer & Feld. Mr. Gee received a Bachelor of Arts Degree in government with honors from the University of Texas and a Doctor of Jurisprudence degree from the University of Texas School of Law. He is a Fellow with the Texas Bar Foundation, and a member of the Committee of 100. His past affiliations have included serving as a trustee for St. Edward's University in Austin, Texas, and as a member of the Dallas Regional Panel of the President's Commission on White House Fellowships.

North American Energy Standards Board

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

July 9, 2008

TO: NAESB Board Members, Posting for Interested Industry Participants

FROM: Jonathan Booe, Meeting Administration/Project Manager

RE: Draft Minutes from the NAESB Board of Directors Meeting – June 26, 2008

NORTH AMERICAN ENERGY STANDARDS BOARD
NAESB BOARD OF DIRECTORS MEETING
June 26, 2008 – Wyndham Greenspoint Hotel - Houston, TX
Draft Minutes

1. Administration and Welcome

Mr. Desselle welcomed the Board members and guests in the room and on the phone. Mr. Boswell read the antitrust guidelines. Mr. Booe read the roster of the Board members and quorum was established.

The Board of Directors took a brief recess while the NAESB Annual Meeting of the Members was conducted in accordance with Article IV of the Certificate. After discussion during the meeting of the members, Mr. True moved, seconded by Mr. Sappenfield, to adjourn the meeting of the members. The motion passed without objection. The meeting of the members adjourned at 9:10 AM Central.

The Board members reviewed the draft agenda included on page 14 behind tab 2 of the Board book. Mr. Buccigross moved, seconded by Mr. Lucas, to adopt the agenda as drafted. The motion passed without objection. The Board members reviewed the March 27, 2008 Board meeting minutes included on page 17 behind tab 3 of the Board book. Three minor corrections were made to the draft minutes. Mr. Lucas moved, seconded by Mr. Templeton, to adopt the minutes as drafted. The motion passed without objection. The final minutes are posted on the NAESB Board page: http://naesb.org/pdf3/bd032708fm.doc.

2. Reports from Board Committees

Resources Committee: Next, Mr. Brown provided an update of the work of the Resource Committee. The Committee's report was included behind tab 4 of the Board book, beginning on page 25. Mr. Brown noted that since the last Board meeting, the organization has had a net loss of 13 members. In an effort to bolster membership, the Resource Committee will contact those non-members involved in the Demand Response effort, request time on the agenda of the upcoming NARUC meetings, and continue to discuss the benefits of NAESB membership with the trade organizations. The NAESB office will also distribute a friendly reminder to members to include NAESB membership in their budgets for 2009. Mr. Brown noted that if each quadrant brought in five new members in the upcoming quarter, the organization would be back on track regarding the membership goals for the year. He challenged the Board members to meet that goal and stated that the NAESB office would provide an award for the quadrant that accumulates the most new members.

Retail Restructuring: Mr. Desselle noted that Mr. Bourbonnais is retiring and that the Parliamentary Committee will take the Retail Quadrant restructuring issue into consideration. The Parliamentary Committee will bring back a recommendation by yearend. Mr. Bourbonnais was thanked for his years of leadership in the NAESB organization.

3. Updates on specific standards development efforts

Next, the Board reviewed the progress of several standards development efforts underway.

WEQ and WGQ: e-Tariff Progress: Mr. Sappenfield provided the update for the e-Tariff efforts. The e-Tariff report was included behind tab 5, beginning on page 54 of the Board book. The e-Tariff standards and implementation guide were ratified by the membership on April 4 and filed with the FERC on April 15. On April 17 the FERC issued a Notice of Proposed Rulemaking regarding the e-Tariff filing with a comment period ending

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

on May 29. The comments submitted by those in the gas and oil industry were generally supportive. The comments submitted by some members in the electric industry were not critical of the standard, but suggested alternative methods for electronic filing. Mr. Sappenfield noted that the comments were not unexpected based on discussions held at the EC and subcommittee meetings.

WEQ: FERC Order No. 890, Coordination with NERC, ATC deliverable deadlines, OASIS change progress: Ms. York provided an update of the NAESB standards development on FERC Order No. 890. The FERC Order No. 890 information begins on page 71 of the Board book behind tab 5. Ms. York noted that the ESS/ITS has met 14 times, the ESS/ITS and BPS have met 18 times, and there have been 9 WEQ Executive Committee meetings addressing the subcommittees' work since the last Board meeting. Of the 17 Order 890 ATC related items slated for the ESS/ITS and BPS, 13 have been completed, including TRM, Data Exchange, Load Forecast Postings, Daily Peak Load Postings, and TTC/ATC input, which are currently in the ratification phase. The subcommittees' are currently addressing CBM and Commissioner Wellinghoff's concurring opinion in Order 890-A requesting modifications to certain ancillary services to include demand response.

In response to the ESS/ITS and BPS subcommittees' request for direction concerning the controversial ATC Information List, the WEQ Executive Committee organized a task force to review the List and make a determination regarding its future. The task force met on June 6, 2008 and will meet again in mid July to continue discussions and propose a recommendation that will be posted for the 30 day formal comment period.

The ESS/ITS has completed Group 1 (Conditional Firm; Annotations for ATC; Load Forecast and Actual Load; Rebid of Partial Service; and Preconfirmation Priority) and Group 2 (Metrics and Redispatch Cost Posting) of the Order 890 Work Plan and has had several meetings to address Group 3 (Network Resources). In April, the ESS/ITS suspended the work concerning Network Resources in order to address the time sensitive Conditional Firm standards requested in paragraph 592 of Order 890-A, which set a filing deadline of July 14, 2008. Despite the valiant efforts of the subcommittee, the recommendation was not voted out of subcommittee in time to met the deadline established by Order 890-A. Currently, the Conditional Firm standard is out for the 30 day formal comment period ending July 25, 2008, after narrowly passing a subcommittee vote on June 24, 2008. The NAESB office will file a request for a deadline extension through the end of August, so that there will be ample time, if needed, to vet the controversial standard through the Executive Committee.

Ms. York also noted that the coordination with NERC regarding the Order 890 standards has been going well and that the subcommittee will review Order 890-B, which was issued June 24, 2008, at their next meetings.

WGQ: FERC Order No. 698 approach, schedule, progress and correspondence: Ms. Crockett provided the update of the work of the WGQ Business Practices Subcommittee to address FERC Order No. 698. The FERC Order No. 698 information begins on page 105 of the Board book behind tab 5. Ms. Crockett noted that the WGQ BPS has been addressing Order No. 698 for almost a year and that of the three topics involved, 2008 WGQ Annual Plan Item No. 4b (Redirects -- Alternate Receipt Points Upstream of or an Alternate Delivery Point Downstream of a Point of Constraint) is the only item that has been fully vetted and is complete. The business practice standards and definitions related to 2008 WGQ Annual Plan Item No. 4a (index-based capacity release) were voted out of the WGQ Executive Committee yesterday and the technical implementation standards have yet to be developed. The Information Requirements and Technical subcommittees have on their schedules the development efforts to complete item 4a. The last item related to Order No. 698, 2008 WGQ Annual Plan Item No. 4c (intraday nomination timeline), has been completed by the subcommittee with a recommendation that no action be taken on the item. The no action recommendation is out for formal comment until July 2, 2008 and will be voted on during a subsequent single topic WGQ Executive Committee meeting on July 14, 2008.

Ms. Crockett stated that waiting for the IR and Technical subcommittees to fully staff the index-based capacity release standards would postpone the Order No. 698 FERC filing until the end of the year, at the earliest. She made a motion to direct the NAESB office to send the business practices for item 4b (redirects) out for member ratification immediately and to file the completed Order 698 items with the FERC after the July 14, 2008 WGQ Executive Committee meeting (namely, item nos. 4b and 4c). Mr. Ellsworth seconded the motion. Ms. McQuade noted that following yesterday's Executive Committee meeting, concern was expressed about postponing the Order

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

No. 698 filing until the index-based capacity release recommendation had been fully staffed, as the Commission may expect a filing from NAESB sooner than first quarter 2009 in response to Order No. 698. She also noted that if the Board recommends that NAESB proceed with a filing of the index-based release standards and definitions completed to date, that it will be explained that a subsequent filing containing the technical implementation of those standards will be made at a later date. Mr. Kruse stated that if the FERC is focused on receiving the intraday timeline piece of the Order No. 698 filing, he suggests bifurcating the filing, providing the FERC the intraday timeline recommendation immediately along with the redirects (item nos. 4b and 4c), and the index-based release piece once fully staffed. Ms. McQuade stated that she supported Mr. Kruse's recommendation and that she could discuss it with the FERC staff. Mr. Novak noted that the technical implementation of the index-based release recommendation (item no. 4a) should be given high priority so that it can be timely filed after the standards and definitions. The participants discussed the priority the IR and Technical Subcommittees should give to completing item no. 4a with respect to the Order 712 work, and determined that both should be considered high priority.

Mr. Desselle asked if Ms. Crockett and Mr. Ellsworth would consider the suggestions to file the redirect and intraday timeline recommendations after the July 14, 2008 WGQ Executive Committee meeting and to highlight the index-based capacity release work as high priority on Annual Plan, as modifications to the motion. It was noted that Ms. McQuade would discuss the plan with the FERC staff to determine if the approach of two separate filings – one with redirects and nominations deadlines (items nos. 4b and 4c) and another with the fully staffed indexed pricing for released capacity (item no. 4a) would be appropriate. Ms. Crockett and Mr. Ellsworth agreed to the modifications. Mr. Desselle asked the participants if there is any more discussion on the motion. None was offered. The motion passed without opposition. Ms. McQuade noted that she would discuss such with FERC staff regarding a two-staged filing, to provide FERC and the industry with the work completed to date and the indication that NAESB reached the conclusion that no changes were needed at this time for the nominations deadlines, as no consensus could be reached on any adjustments.

WEQ and Retail: DSM/EE efforts: Next, Mr. Wattles provided an overview of the WEQ DSM/EE efforts. The materials were included behind tab 5, beginning on page 154 of the Board book. On the wholesale side, the subcommittee is currently on schedule to submit the Demand Response Measurement and Verification standards by September 30, 2008. To this end, the subcommittee is continuing to focus their efforts on defining and distilling a baseline methodology and converting the various elements of the Wholesale Matrix into standards language. The subcommittee has been meeting regularly and having bi-weekly conference calls. Mr. Wattles also noted the leadership of ISO New England's Eric Winkler and Bob Laurita and thanked them for moving the effort forward. Ms. McQuade noted that on the retail market, the team is reviewing air conditioning load programs and dispatchable direct load programs and mapping them for validation against the retail matrix. This effort is being coordinated with the Association of Edison Illuminating Companies (AEIC) Load Research Committee. The next DSM/EE meeting is scheduled for July 30, 2008 in Carmel, Indiana. Mr. Brown added that the publicity surrounding the effort should be very beneficial for NAESB as an organization, both in the eyes of the FERC and at the regional and state levels. He urged the Board members to take advantage of this opportunity and garner support from the various trade organizations for NAESB and the standards the organization is developing. Mr. Wattles noted that representatives from FERC have recognized the efforts of NAESB at several meetings over the last few months.

Retail: Texas Registration Model, Interest in Customer Choice Programs and NAESB Standards: Ms. McKeever reviewed Retail efforts found on page 196 behind tab 5 of the Board book. The Retail quadrant has been focusing their efforts on completing the Technical Guidelines for the Texas Registration Model in time for the NAESB publication date. To meet the deadline, the group has used a streamlined process by focusing their efforts on the transactions that match the model business practices, and delaying completion of the items that could be left up to the states. This is a less prescriptive, less detailed process that could be used in other Retail efforts. The group has made a lot of progress in very little time, thanks to the efforts of Jennifer Teel, Denise Rager, Susan Munson, Cade Burks, Ray Giuliani and the others involved from ERCOT.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

4. Executive Committee Reports

Mr. Buccigross noted that the highpoints of Order 698 and e-Tariff had already been discussed and reviewed the proposed changes to the WGQ 2008 Annual Plan, including changes to support Order No. 712. Mr. Desselle asked that the vote to approve the WGQ 2008 Annual Plan be held until all three Annual Plans have been reviewed, so that they may all be considered together. Mr. Novak reviewed the proposed revisions to the Retail 2008 Annual Plan and noted that most of the revisions concerned modifications to expected completion dates. Ms. York provided a review of the proposed revisions to the WEQ 2008 Annual Plan. Mr. Lucas moved, seconded by Mr. Burks to adopt the proposed revisions to all three annual plans.

5. Membership and Financial Reports

Ms. McQuade reviewed the membership report included on page 237 of the Board book, behind tab 7. The membership profile reflects an 11 member loss from year end 2007 to today. In many cases, the losses can be attributed to members who joined to address single topics which are now complete and members who have held duplicate membership in other segments and quadrants. Mr. Desselle encouraged the Board members to reach out and bring in some new members, as the membership directly affects revenues. There were no questions regarding the membership report. The 2008 Financial Report and budget accrued as of May 2008 are included in the Board book, beginning on page 251 behind tab 7. Ms. Wishart provided a comparison of the income and expenses through May 2008 and the 2008 budget. The organization has a gross income of approximately $1,567,000 through May 2008 and $815,000 in expenses, giving us a net income of $752,000. This puts the organization $55,000 under the net income budget projection for May of 2008 ($807,000). This shortfall can be directly attributed to the loss of members and the increased number of meetings this year. Ms. McQuade noted that page 256 of the Board book contained a comparison of the meeting statistics from January to May 2007 to January to May 2008. The numbers reflect a 53% increase in the number of hours spent on conference calls and a 9% to 10% increase in the number of hours spent in face-to-face meetings. Ms. McQuade also noted that the NAESB office has taken action to reduce expenses by renegotiating our telecommunication contract with our carrier as well as changing our health insurance provider.

Mr. Desselle stated that he would like to create a committee of the Board to investigate the possibility of raising membership dues as well as revenue generated from other sources, and ask that committee to bring back a recommendation at our next Board meeting. Mr. Hebenstreit also suggested that the committee consider stricter enforcement of the NAESB copyright policy. Mr. Desselle supported the suggestion. Mr. Boswell stated that in September he would distribute a letter to the general counsels of companies explaining the NAESB copyright policy and request compliance. Mr. True also suggested adding a statement about copyright infringement to the NAESB newsletter. The members discussed the importance of enforcing the NAESB copyright policy. There were no further questions regarding the financial report

6. Review and Possible Consideration for Vote Procedure Changes to Support Segment Block Restrictions

Next, Mr. Desselle reviewed the proposed modifications to the NAESB Certificate. The modifications are highlighted on page 258 of the Board book under tab 8. He suggested that the Board postpone the vote on the modifications until the next meeting, so that the parliamentary committee may have an opportunity to discuss the modifications and identify other conforming changes to other governance documents (bylaws and standard operating procedures). Ms. McQuade noted that the parliamentary committee should also consider the restructuring of the retail quadrants. Mr. Desselle stated that he would ask that the parliamentary committee bring a recommendation to the Board no later than yearend.

7. Plan for March 2008 Board Meeting

Mr. Desselle noted that the September Board meeting is scheduled for September 25 at the Wyndam Greenspoint in Houston, and that during that meeting the members will conduct usual business as well as be updated on the

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

membership and financial issues discussed today and review the roles and responsibilities of Board membership. The Board members were asked to contact Ms. McQuade if they had any agenda items that should be addressed.

8. Old and New Business

Ms. McQuade provided an update of the NAESB liaisons with various external groups. Since the last Board meeting, there has been significant interaction with the FERC Commissioners regarding the standards, and the Commissioners have expressed great interest in demand side management, Order No. 890, and Order No. 698. The NAESB office has also been working closely with NERC to ensure that the Order No. 890 work remains coordinated. The WEQ subcommittees have developed several standards that, while driven by the NERC standards, have been completed before the NERC standards have been finalized. To combat any potential issues that could arise given the situation, all recommendations related to the NERC standards include a coversheet explaining that the subcommittee chairs will review the standards for inconsistencies once the NERC standards have been finalized.

Ms. McQuade and Mr. Minneman met with the Illinois Commerce Commission to review the NAESB retail standards in conjunction with the state's Customer Choice Program. In addition, Ms. McQuade accepted a seat on the National Petroleum Council. Mr. Desselle also noted that a filing has been submitted to the FERC officially dissolving the Joint Interface Committee.

9. Adjourn

Mr. Templeton moved to adjourn and Mr. Buccigross seconded the motion. The meeting adjourned at 11:30 AM Central.

10. Board Attendance (Vacancies Omitted)

Wholesale Gas Quadrant

PRODUCERS SEGMENT		**ATTENDANCE:**
Jay Ellzey	Vice President Commercial Operations, Chevron Natural Gas	In Person
William T. Benham	Vice President – Regulatory Affairs, BP Energy Company	
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	In Person
Marty Patterson	Vice President – Commercial Operations, Foothills Energy Ventures LLC	Phone
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	In Person
PIPELINE SEGMENT		
Jim Goldmann	Vice President - Transportation Services and Development, Alliance Pipeline LP	
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	In Person
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	In Person
Anne Bomar	Vice President, Dominion	
Richard Kruse	Senior Vice President, Spectra Energy Transmission	In Person
LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT		
Clifton Olson	Vice President of Supply and Transmission, Energy East Corporation	
Adrian Chapman	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	
Amy Hamilton	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	In Person
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	

North American Energy Standards Board

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

END USERS SEGMENT		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	In Person
Timothy W. Gerrish	Director of Origination-Energy Marketing and Trading, Florida Power & Light	
Tina Burnett	Natural Gas Resources Administrator, The Boeing Co.	In Person
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	Phone
Jim Templeton	Principal, Comprehensive Energy Services	In Person
SERVICES SEGMENT		
John Bretz	Vice President - Gas Marketing, Anadarko Energy Services Company	
Jim Buccigross	Vice President Energy Industry Practice, Group 8760 LLC	In Person
Bill Hebenstreit	Manager – Contract Administration, Cheniere Marketing, Inc.	In Person
Rusty Braziel	Managing Director, Bentek Energy, LLC	In Person

Retail Electric Quadrant

DISTRIBUTORS SEGMENT		
David Koogler	Director – State Regulation, Dominion Virginia Power (SERC NERC Region)	In Person
Dennis Derricks	Director Regulatory Policy and Analysis, Integrys Energy Services, Inc.	
Ruth Kiselewich	Director Special Projects and Supplier Services, Baltimore Gas & Electric Company (MAAC NERC Region)	Phone
Debbie McKeever	Market Advocate, Oncor	In Person
END USERS SEGMENT		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	
SERVICE PROVIDERS SEGMENT		
Jim Minneman	Director of Business Services, PPL Solutions LLC	Phone
J Cade Burks	President, EC Power	In Person

Wholesale Electric Quadrant

TRANSMISSION SEGMENT		**SUBSEGMENT:**	**ATTENDANCE**
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	Muni/Coop	
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	IOU	In Person
Jerry Smith	Alliance/Partnership Manager, Arizona Public Service Co.	IOU	
Jill Horswell	Director of FERC Compliance, Southern California Edison	at large	Phone
Terri Grabiak	Director – FERC and RTO Internal Affairs, Allegheny Energy, Inc.	at large	Phone
Michael Wells	Director – Market-Operations Interface, WECC	at large	
GENERATION SEGMENT			
Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	Muni/Coop	In Person
Belinda Thornton	Senior Manager – Real Time Trading, Tennessee Valley Authority	Fed/State/Prov.	
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc.	IOU	Phone

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Charles W. Severance	Manager – Supply & Wholesale Services, Integrys Energy Services, Inc.	IOU	Phone
Ron Mucci	Manager – Regulatory Affairs, Williams Power Company	At-Large	Phone
Gloria Ogenyi	Vice President Energy Policy, Conectiv Energy Supply, Inc.	Merchant	
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.	
Jim Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	at large	In Person
Sam Forrest	Vice President, Energy Marketing and Trading, Florida Power & Light	IOU	
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	IOU	In Person
Rick Smead	Director, Navigant Consulting, Inc.	At-Large	In Person
DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT		**SUBSEGMENT:**	
Arthur G. Fusco	Vice President and General Counsel, Central Electric Power Cooperative Inc.	Muni/Coop	Phone
Barry R. Lawson	Manager-Power Delivery, National Rural Electric Cooperative Association	Muni/Coop	In Person
Leonard Haynes	Executive Vice President – Supply Technologies, Renewables and Demand Side Planning, Southern Company Generation	IOU	Phone
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	IOU	
Thomas Burgess	Director – FERC Compliance, FirstEnergy Service Company	at large	Phone
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	at large	
Bruce Ellsworth	New York State Reliability Council	At-Large	In Person
END USERS SEGMENT			
Thomas G. Dvorsky	Director of the Office of Electricity, Gas and Water at the New York State Department of Public Service	Regulator	
Michehl Gent	Open Access Technology International, Inc.	At-Large	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.		Phone
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)		Phone
Andy Ott	Vice President Markets, PJM Interconnection		
Bill Phillips	Vice President Interregional Coordination & Policy, Midwest ISO (MISO)		Phone
Don Tench	Director Planning & Assessments, Independent		Phone

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

	Electricity System Operator (IESO)	

Retail Gas Quadrant

DISTRIBUTORS SEGMENT		
Alonzo Weaver	Vice President of Engineering and Operations, Memphis Light, Gas & Water Division	
William Bourbonnais	Vice President – Transmission, Wisconsin Public Service Corporation	
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.	
SERVICE PROVIDERS SEGMENT		
Leigh Spangler	President, Latitude Technologies Inc.	In Person
Dave Darnell	President & CEO, Systrends USA	
Greg Lander	Principal, Commerce Energy Group	

11. Other Attendance

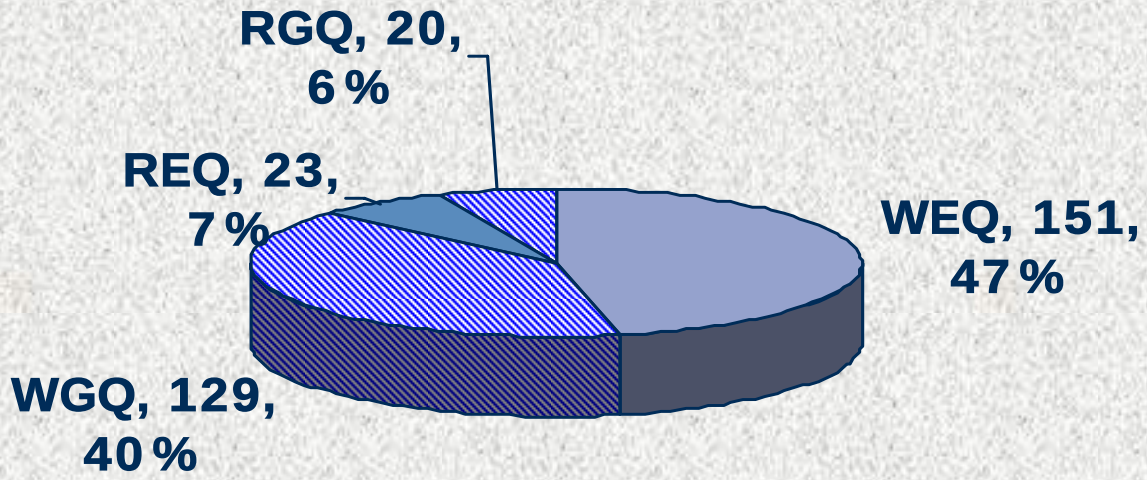
Name	Organization	Attendance
Jeb Bartley	Accenture	In Person
Jonathan Booe	NAESB	In Person
Bill Boswell	NAESB	In Person
Tammy Bramlett	Tennessee Valley Authority	In Person
Kathryn Burch	Spectra Energy Transmission	In Person
Christopher Burden	Williams Gas Pipeline	In Person
Deonne Cunningham	NAESB	In Person
Dale Davis	Williams Gas Pipeline	In Person
Ed Davis	Entergy	In Person
Michael DiCarlo	Williams Gas Pipeline	In Person
Chuck Feagans	Tennessee Valley Authority	Phone
Melody Fontenot	BG Energy Merchants	In Person
Cory Galik	NAESB	In Person
Michael Goldenberg	FERC	Phone
Mark Gracey	Tennessee Gas Pipeline	In Person
Bill Griffith	El Paso Natural Gas	In Person
Bill Lohrman	FERC	Phone
Annunciata Marino	PA Public Utility Commission	Phone
Rob Martinko	First Energy	In Person
Rae McQuade	NAESB	In Person
Art Morris	Florida Power and Light	In Person

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Name	Organization	Attendance
Susan Munson	ERCOT	In Person
Joelle Ogg	Brunenkant & Cross, LLP	In Person
Marcie Otondo	Arizona Public Service	Phone
Thomas Pearce	Public Utilities Commission of Ohio	Phone
Phil Precht	Baltimore Gas & Electric	Phone
Denise Rager	NAESB	In Person
Ron Ruckman	Dynegy	In Person
Gwen Schoepp	Williston Basin Interstate Pipeline	In Person
Ronald Tomlinson	Dominion Transmission	Phone
Veronica Thomason	NAESB	In Person
Kim Van Pelt	Panhandle Eastern Pipeline	In Person
Paul Wattles	ERCOT	In Person
Jill Web	Preferred Legal Services	In Person
Larry Williford	OnCor	In Person
JT Wood	Southern Company	Phone
Charles Yeung	SPP	In Person
Kathy York	Tennessee Valley Authority	In Person
Randy Young	Boardwalk Pipelines	Phone
Darla Wishart	NAESB	In Person

North American Energy Standards Board

Organizational Profile



Membership Profile

September 3, 2008

Total Membership

323

Quadrant Statistics	WEQ	WGQ	REQ	RGQ	Total
Membership YE 2007	157	127	26	26	336
Net Change	-6	+2	-3	-6	-13
Membership YTD	151	129	23	20	323

North American Energy Standards Board Membership List
As of September 3, 2008

NAESB Membership Statistics – Changes by Quadrant for 2008 as of September 3, 2008

NAESB Membership Report - Quadrant/Segment Membership Analysis		Number of Members	
WGQ Segments	**TOTAL**		**129**
	End Users	17	
	Distributors	24	
	Pipelines	39	
	Producers	13	
	Services	36	
REQ Segments	**TOTAL**		**23**
	End Users	2	
	Distributors	10	
	Services	7	
	Suppliers	4	
RGQ Segments	**TOTAL**		**20**
	End Users	1	
	Distributors	9	
	Services	5	
	Suppliers	5	
WEQ Segments	**TOTAL**		**151**
	End Users	7	
	Distributors	26	
	Transmission	46	
	Generation	30	
	Marketers	31	
	None Specified	1	
	Independent Grid Operators/Planners	10	

North American Energy Standards Board Membership List
As of September 3, 2008

WEQ	New Members:	7
	British Columbia Transmission Corporation, Entegra Power Group, LLC, Public Power Council, San Diego Gas & Electric Company, Santee Cooper, Westar Energy, Inc., Black Hills Corporation	
	Member Resignations:	12
	Conectiv Energy Supply, Inc., Dept. of the Interior – U.S. Bureau of Reclamation, Florida Reliability Coordinating Council, Ohio Consumers Council, ChevronTexaco Energy Research, Imperial Irrigation District, Michigan Electric Transmission Company, Oncor, Maryland People's Counsel, Constellation Energy, Sacramento Municipal Utility District, Salt River Project Agricultural Improvement & Power District,	
WGQ	New Members:	6
	EnergySouth Midstream, Inc., Foothills Energy Ventures, LLC, OGE Energy Resources, Inc., Vega Energy Partners, Ltd., Goodrich Petroleum Company, LLC, Noble Energy, Inc.	
	Member Resignations:	7
	HS Resources, Inc., Vega Energy Partners, Ltd., J.P. Morgan Ventures Energy Co., UBS Energy LLC, Florida Reliability Coordinating Council, Equitable Gas Company, Reliance Gas Transportation Infrastructure Limited	
REQ	New Members:	2
	ICF International, North Carolina Advanced Energy Corporation	
	Member Resignations:	4
	Wal-Mart Stores, Inc., Mississippi Power Company, Gulf Power Company, TXU Energy Retail	
RGQ	New Members:	1
	Vectren Retail, LLC	
	Member Resignations:	6
	Center Point Energy Minnegasco, Energy Services Group, Inc., Public Service Electric & Gas Company, Indiana Office of Utility Consumer, Niagara Mohawk, UBS Energy LLC,	
TOTAL	New Members	16
	Member Resignations:	29

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
Retail Electric Quadrant:	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	Adrienne Austin	
	5	Constellation NewEnergy, Inc.	d	Jansen Pollock	
	6	Direct Energy Business Services	su	David Booty	
	7	Dominion Retail	su	William Barkas, Richard Zelenko	
	8	Dominion Virginia Power	d	David F. Koogler, Mary Edwards	
	9	EC Power International	s	Judy Bailey, J. Cade Burks, Jennifer Teel	
	10	Electric Reliability Council of Texas (ERCOT)	s	Susan Munson	
	11	Exelon Energy Delivery	d	Toni Garza	
	12	ICF International	s	David Pickles	
	13	Ista North American	s	Charles Porter	
	14	MidAmerican Energy	d	James E. Wilson	
	15	North Carolina Advanced Energy Corporation	su	Robert K. Koger	
	16	Office of Public Advocate, State of Maine	e	Agnes Gormley	
	17	Oncor	d	Larry Williford, Debbie McKeever	
	18	Pennsylvania Office Of Consumer Advocate	e	Tanya J. McCloskey, Sonny A. Popowsky	
	19	PPL Solutions, LLC	s	James M. Minneman	
	20	Public Service Electric & Gas	d	Terrence Moran	
	21	Southern Company Services	s	Barbara Hingst	
	22	Structure Group	s	Stacey Wood	
	23	Wisconsin Public Service Corporation	d	Dennis Derricks, Les Nishida, Ken Thiry	

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

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

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
Wholesale Gas Quadrant:	1	8760, Inc.	s	Jim Buccigross	
	2	Alliance Pipeline LP	pl	Jim Goldmann	
	3	Ameren Corporation	l	Scott Glaeser	
	4	Anadarko Energy Services Company	s	John Bretz, Steven Abbey	
	5	ANR Pipeline Company	s	Sandy Meyers	
	6	Apache Corporation	pr	Kelley Powell	
	7	Arizona Public Service Company	e	Tom Carlson, Kelly Daly	
	8	Atmos Energy	pl	Steve Easley	
	9	Ballard Natural Gas, LLC	s	Susan Thibodeaux	
	10	Baltimore Gas & Electric Co.	l	Phil Precht	
	11	Barclays Bank PLC	s	Guy Kern-Martin	
	12	Bentek Energy, LLC	s	E. Russell Braziel	
	13	BG Energy Merchants, LLC	s	Martha Braddy	
	14	Boardwalk Pipelines, LP	pl	Randy Young, Mitch Whitehead	
	15	Boeing Co., The	e	Tina Burnett	
	16	BP Energy	pr	Bill Benham, Rhonda Denton	
	17	Calpine Energy Services, LP	e	Shonnie Daniel, Craig Chancellor	
	18	Cargill Incorporated	s	Kathy Gerken	
	19	Carolina Gas Transmission Corporation	pl	Ryan Leahy	
	20	Cascade Natural Gas Corporation	l	Mark Sellers-Vaughn	
	21	CenterPoint Energy Gas Services, Inc.	s	James G. Beste, Larry Kunkle	
	22	CenterPoint Energy Gas Transmission Company	pl	Larry Thomas	
	23	CenterPoint Energy Mississippi River Transmission Corporation	pl	Robert Trost	
	24	Chandeleur Pipe Line Company	pl	Janice E. Rogers	
	25	Cheniere LNG Marketing, Inc.	s	Mark Stubbe, Tammy Miller	
	26	Chevron Natural Gas	pr	Charles (Chuck) Cook	
	27	Cimarex Energy Co.	pr	Charlotte Baker	
	28	Citigroup Energy Inc.	s	Carrie Southard, Angela Davis	
	29	Colorado Springs Utilities	l	Joe M. Holmes	
	30	Columbia Gas Transmission	pl	Claire Burum	
	31	Comprehensive Energy Services	e	Jim Templeton	

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	32	ConocoPhillips Gas and Power	pr	Peter Frost	
	33	Consolidated Edison Company of NY	l	Scott Butler, Paul Olmsted	
	34	Constellation Energy Commodities Group Inc.	s	Lisa Simpkins	
	35	Coral Energy Resources, LP	s	Eric Gillaspie	
	36	Dauphin Island Gathering Partners	pl	Katie Rice	
	37	DB Energy Trading	s	William Donnelly, Travis McCullough	
	38	Defense Energy Support Center	e	Veronica Jones, Kevin Ahern	
	39	Department of Energy	e	Christopher Freitas	
	40	Dominion Exploration and Production, Inc.	pr	David Ogden, Gary Weaver, Sheri Heslington	
	41	Dominion Resources	l	Craig Columbo	
	42	Dominion Transmission, Inc.	pl	Gary Sypolt, Iris King	
	43	DTE Energy Trading, Inc.	s	Gregory V. Staton	
	44	El Paso Natural Gas	pl	William Griffith	
	45	El Paso Exploration & Production Company	pr	Susan Lum	
	46	Enbridge Energy Company, Inc.	pl	Terry McGill	
	47	EnCana Marketing (USA) Inc.	s	Keith Sappenfield	
	48	EnCana Corporation	pr	Keith Sappenfield	
	49	Energy East Management Corporation	l	Mark Marini	
	50	Entergy Services, Inc.	e	Laura Berryman, Terry Shields	
	51	EnergySouth Midstream, Inc.	s	Russell Murrell	
	52	Enterprise Products Partners L.P.	pl	Richard W. Porter	
	53	ExxonMobil Gas & Power Marketing Company a division of Exxon Mobil Corporation	pr	Jim Hanrahan	
	54	Florida Power & Light Company	e	Dona Gussow, Art Morris	
	55	Foothills Energy Ventures, LLC	pr	Marty Patterson	
	56	FPL Energy Power Marketing, Inc.	e	Michael Jessop	
	57	Gas Transmission Northwest Corp.	pl	Jay Story	
	58	Goodrich Petroleum Company, L.L.C.	s	Bill Hebenstreit	
	59	Great Lakes Gas Transmission	pl	Gene Fava	
	60	Hess Corporation	s	Rebecca Batchelder	
	61	Houston Pipe Line Company LP	pl	Josie Castrejana	
	62	Imperial Irrigation District	e	William Rapp	
	63	Integrys Energy Group, Inc.	l	David E. Wear	

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	64	Iroquois Gas Transmission System	pl	Tom Gwilliam	
	65	Kern River Gas Transmission Co	pl	Brenda Horton	
	66	Laclede Gas Co.	l	Kenneth Neises	
	67	Latitude Technologies	s	Leigh Spangler	
	68	Lehman Brothers Commodity Services Inc.	s	David Perlman	
	69	Louis Dreyfus Energy Services	s	Mary Ellen Bell, Ruby H.Melton	
	70	Lower Colorado River Authority	e	Mickey Bell	
	71	Macquarie Cook Energy, LLC	s	Angela Jones	
	72	Marathon Oil Company	pr	Robin Perrine	
	73	Mewbourne Oil Company	pr	Michael F. Shepard	
	74	Mirant Energy Trading, LLC	e	Laura Trautman, John F. Hogan	
	75	National Fuel Gas Distribution	l	Michael Novak	
	76	National Fuel Gas Supply Corp.	pl	Joseph Kardas	
	77	National Grid Gas Distribution Companies	l	Dolores Chezar	
	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	Noble Energy, Inc.	pr	Richard Smith	
	84	Northern Border Pipeline Company	pl	Scott Coburn	
	85	Northern Natural Gas	pl	Mary Darveaux	
	86	Northwest Natural Gas Company	l	Randolph Friedman	
	87	NOVA Gas Transmission Ltd.	pl	Doug Miller	
	88	OGE Energy Resources, Inc.	s	Cary Metz	
	89	ONEOK	l	Richard Tangeman	
	90	ONEOK Partners GP, LLC	pl	Teri Tingler	
	91	Ozark Gas Transmission, LLC	pl	David A. Harrell	
	92	Pacific Gas & Electric	l	John Breen, Don Petersen	
	93	Panhandle Eastern Pipe Line	pl	William Grygar, Kim Van Pelt	
	94	PECO Energy Co.	l	Reed R. Horting, Amy Hamilton	
	95	Pemex Gas Y Petroquimica Basica	s	Juan Enrique Gonzalez Azuara	
	96	Peoples Gas System (A division of	l	Wraye Grimard	

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
		Tampa Electric Co)			
	97	Platts	s	Bill Murphy	
	98	Portland Natural Gas Transmission System	pl	David Haag	
	99	PPL EnergyPlus, LLC	e	Anne Lovett	
	100	Public Service Electric & Gas	l	David Wohlfarth	
	101	Questar Pipeline Co.	pl	Scott Hansen	
	102	Quorum Business Solutions Inc.	s	Anne Golenternek, Michael Lewis	
	103	Sabine Pipe Line LLC	pl	Jan Rogers	
	104	Salt River Project Agricultural Improvement & Power District	e	Lori-Lynn C. Pennock	
	105	Sempra Energy - Southern California Gas Co.	l	Lee Stewart, Rodger Schwecke	
	106	Sequent Energy Management, L.P.	s	Pat Metteauer	
	107	SolArc, Inc.	s	Chuck McClure	
	108	Southern California Edison Company	e	Roman Bakke	
	109	Southern Company Services, Inc.	e	Alan Kilpatrick	
	110	Southern Natural Gas Co.	pl	Renee Hyde, Tracey Nicholson	
	111	Southern Star Central Gas Pipeline	pl	Philip Rullman, Dale Sanders	
	112	Southwest Gas Corporation	l	Larry Black	
	113	Spectra Energy Transmission	pl	Richard Kruse	
	114	SUEZ Energy Marketing NA, Inc.	s	Shirley Tidor	
	115	SunGard	s	Lucia Nail	
	116	Tennessee Gas Pipeline Company	pl	Sue Barry, Mark Gracey	
	117	Tennessee Valley Authority	e	Valerie Crockett	
	118	Tiger Natural Gas	s	Tracy Phillips	
	119	TransCanada Pipelines	pl	Doug Miller	
	120	Transwestern Pipeline Company, LLC	pl	Blair V. Lichtenwalter, Mary Draemer, David Mendoza	
	121	UBS Energy LLC	s	Suzanne Calcagno	
	122	Vector Pipeline L.P.	pl	Amy Bruhn	
	123	Vega Energy Partners, Ltd	s	Julie Pincus	
	124	Virginia Power Energy Marketing, Inc.	s	Paul Pfeffer	
	125	Washington Gas Light Co.	l	Adrian Chapman, Ken Yagelski	
	126	Westfield Gas & Electric Light Dept.	l	Joyce Bodak	
	127	Williams Gas Marketing, Inc.	s	Rich Ficken	

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	128	Williams Gas Pipeline	pl	Dale Davis	
	129	Williston Basin Interstate Pipeline	pl	Keith Tiggelaar	
Wholesale Electric Quadrant:	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.	d	Barbara Radous, Joseph Hartsoe, Phil Cox	iou
	7	American Municipal Power - Ohio, Inc.	d	Mack Thompson, Chris Norton	muni
	8	American Public Power Association	d	Allen Mosher	muni
	9	American Transmission Company LLC	t	Julie Voeck	itc
	10	APS Marketing and Trading	m	Steve Norris	iou
	11	Arizona Public Service Company	t	Mark W. Hackney	iou
	12	Basin Electric Power Cooperative	t	Dan Klempel	muni
	13	Basin Electric Power Cooperative	m	David Raatz	muni
	14	Basin Electric Power Cooperative	g	Jason Doerr	muni
	15	Black Hills Corporation	t	Larry D. Williamson	iou
	16	Bonneville Power Administration	d	Sydney D. Berwager	other
	17	Bonneville Power Administration	g	Francis Halpin	fed
	18	Bonneville Power Administration	m	Brenda Anderson	fed
	19	Bonneville Power Administration	t	Barbara Rehman	fed
	20	BP America Inc.	e	Jeanne Zaiontz	lind
	21	British Columbia Transmission Corporation	t	Rohan Soulsby	fed
	22	California Department of Water Resources	g	William (Bill) Forsythe	fed
	23	California ISO	i	Yakout Mansour	
	24	Central Electric Power Cooperative	d	Arthur Fusco	muni
	25	Cleco Power, LLC	t	Cindy Guillot	iou
	26	Comprehensive Energy Services	e	Jim Templeton	enduse
	27	Conectiv Energy Supply, Inc.	g	Gloria Ogenyi	merc
	28	Consolidated Edison Company of New York, Inc.	t	Scott Butler	iou
	29	Consumers Energy Company	d	Andrew C. Dotterweich, Frank Johnson	iou

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	30	Coral Power, LLC	m	Robert Reilley, Paul Kerr	niou
	31	Dairyland Power Cooperative	t	Chuck Callies	muni
	32	Deseret Power Electric Co-op	g	Curt Winterfeld	muni
	33	Dominion Energy Marketing, Inc.	g	Lou Oberski, Jalal Babik	iou
	34	Duke Energy Americas, LLC (DEA)	g	Walt Yeager	iou
	35	Duke Energy Corp.	d	Alan Pritchard	iou
	36	Dynegy Power Marketing, Inc.	g	Barry Huddleston	merc
	37	Edison Electric Institute	n	David Owens, Dave Dworzak, James P. Fama	N
	38	Edison Mission Marketing & Trading,Inc.	g	William Roberts	merc
	39	Electric Power Supply Association	m	Jack Cashin	at large
	40	Electric Reliability Council of Texas (ERCOT)	i	Bill Blevins	
	41	ElectriCities of North Carolina (North Carolina Eastern Municipal Power Agency)	g	Gregory Locke	muni
	42	Empire District Electric Company, The	t	Bary K. Warren	iou
	43	Energy East Management Corporation	t	Mark Marini	iou
	44	Entegra Power Group, LLC	g	Rebecca Turner	merc
	45	Entergy Services, Inc.	t	Edward J. Davis, Narinder Saini	iou
	46	Exelon Corporation - PECO Energy	d	John McCawley	iou
	47	Exelon Generation - Power Team	m	Jack Crowley	iou
	48	ExxonMobil Gas Marketing	e	Kerrie Anne Lanigan	sgen
	49	First Energy Service Company	d	Robert M. Martinko, Thomas C. Burgess	iou
	50	FirstEnergy Solutions Corp.	m	Mark Travaglianti	iou
	51	Florida Municipal Power Agency	g	Robert C. Williams	muni
	52	Florida Municipal Power Agency	d	Steven H. McElhaney	muni
	53	Florida Power & Light Company	m	Gerry Yupp, Tim Gerrish	iou
	54	Florida Power & Light Company	t	Marty Mennes	iou
	55	Georgia Transmission Corporation	t	Patrick McGovern	muni
	56	Hydro One Networks	t	Mark Graham	itc
	57	Hydro – Quebec Transenergie	t	Victor Bissonnette	fed
	58	Idaho Power Company	t	Tessia Park	iou
	59	Imperial Irrigation District	m	Kim M. Kiener, Frank M. Barbera	muni
	60	Independent Electricity System	i	Ron Falsetti, Biju Gopi	

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
		Operator (IESO)			
	61	Indiana Muncipal Power Agency	g	Dick Foltz	muni
	62	ISO New England, Inc.	i	Matthew F. Goldberg	
	63	Lincoln Electric System	g	Douglas Bantam	muni
	64	Luminant	m	Mike Grim	niou
	65	Michigan Public Power Agency	d	James R. Nickel, Daniel E. Cooper	muni
	66	MidAmerican Energy Company	m	Norman B. Stratton	iou
	67	Midwest Independent Transmission System Operator	i	William (Bill) Phillips, Ed Skiba	
	68	Midwest Reliability Organization	t	Shel Berg	at large
	69	Missouri River Energy Services	d	Brian Zavesky	muni
	70	Modesto Irrigation District	t	Roger Van Hoy	muni
	71	National Association of Regulatory Utility Commissioners	e	Lou Ann Westerfield	reg
	72	National Grid	t	Edward M. Kremzier	iou
	73	National Rural Electric Cooperative Assoc.	d	Barry Lawson	muni/coop
	74	Navigant Consulting, Inc.	m	Richard G. Smead	at large
	75	New York Independent System Operator (NYISO)	i	Rana Mukerji	
	76	New York State Dept. of Public Service	e	William Heinrich	reg
	77	New York State Reliability Council	d	P. Donald Raymond	at large
	78	North American Electric Reliability Corporation	d	Donald M. Benjamin, Larry Kezele, Tom Vandervort	at large
	79	North Carolina Electric Membership Corporation	d	David Beam	muni
	80	North Carolina Electric Municipal Power Agency #1	m	Clay A. Norris	muni
	81	North Carolina Electric Municipal Power Agency #1	d	Matt Schull	muni
	82	Northeast Utilities Service Company	t	David Boguslawski, Calvin A. Bowie	iou
	83	Northwestern Corporation	t	Mike Cashell	iou
	84	NRG Energy, Inc.	g	Jennifer J. Vosburg, Alan Johnson	niou
	85	Ontario Power Generation	g	Colin Anderson, David Barr	merc
	86	Open Access Technology International, Inc.	e	Michehl Gent	at large
	87	Open Access Technology International, Inc.	t	Paul R. Sorenson	at large

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	88	Otter Tail Power Company	t	Daryl Hanson, Larry Larson	iou
	89	PacifiCorp	m	Edison G. Elizeh, John Apperson	iou
	90	PacifiCorp	g	Greg Maxfield	iou
	91	PacifiCorp	t	Shay Labray	iou
	92	PHI Power Delivery	t	Ken Gates	iou
	93	PJM Interconnection	i	Patrick Brown	
	94	Portland General Electric	m	John Jamieson	iou
	95	Portland General Electric	t	Frank Afranji	iou
	96	Powerex Corp	m	Michael L McWilliams, Sharole Tylor	fed
	97	PPL Electric Utilities Corporation	t	Ray Mammarella	iou
	98	Progress Energy (Regulated)	m	James Eckelkamp	iou
	99	Progress Energy	t	Nina M. McLaurin, Phillip W.Lewis	iou
	100	PSEG Power LLC	g	Thomas M. Piascik	merc
	101	PSEG Energy Resources and Trade LLC	m	James D. Hebson	iou
	102	Public Power Council Inc.	d	Nancy Baker	muni
	103	Public Service Company of New Mexico	m	Steven Maestas	iou
	104	Public Service Electric and Gas Company	d	Jeffrey C. Mueller	iou
	105	Public Service Electric and Gas Company	t	Kenneth D. Brown	iou
	106	Puget Sound Energy, Inc.	t	George Marshall, Bob Harshbarger	iou
	107	Qualedi, Inc.	g	Stephen A. Morocco	at large
	108	Reliant Energy Services	g	Gary A. Hinners	merc
	109	Sacramento Municipal Utility District	d	W. Shannon Black	muni
	110	Salt River Project Agricultural Improvement and Power District	t	Steve Cobb	fed
	111	Salt River Project Agricultural improvement and Power District	m	Mark S. Mitchell	fed
	112	San Diego Gas & Electric Company	t	Patricia vanMidde	iou
	113	Santee Cooper	t	Tom Abrams	fed
	114	Seattle City Light	d	Marilynn Semro	muni
	115	Seminole Electric Cooperative, Inc.	m	Steve Wallace	muni
	116	Sierra Pacific Resources	t	Patricia Englin	iou
	117	Sierra Pacific Resources	m	Sheryl Torrey	iou

North American Energy Standards Board Membership List
As of September 3, 2008

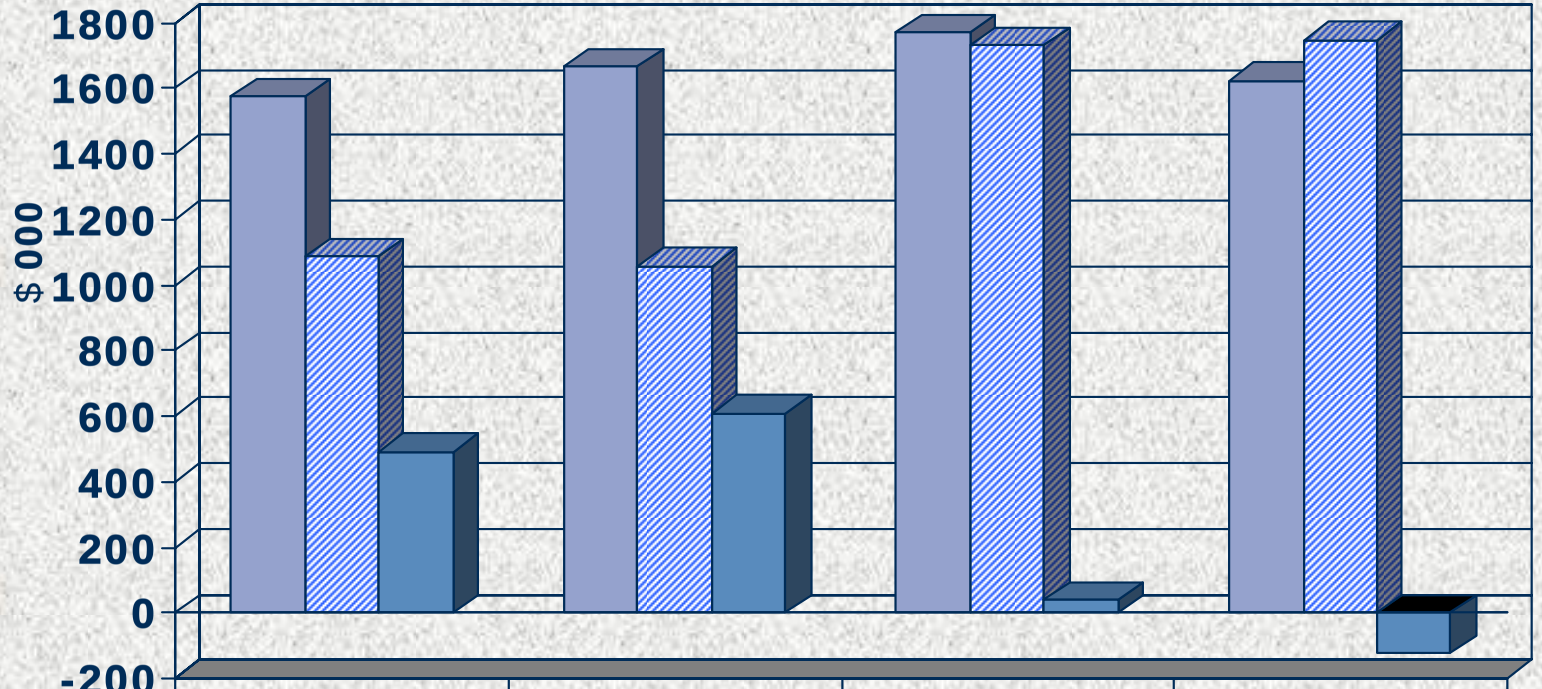
Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	118	South Carolina Electric & Gas Company	t	S. Porcher Stoney	iou
	119	South Carolina Electric & Gas Company	m	Kevin Spitzform	iou
	120	Southeastern Power Administration	g	Bob Goss	fed
	121	Southern California Edison	t	Weston Williams	iou
	122	Southern California Edison Co.	g	Tracy Bibb	iou
	123	Southern Company Services, Inc.	d	Gary Rozier, Greg Butrus	iou
	124	Southern Company Services, Inc.	g	John Ciza	iou
	125	Southern Company Services, Inc.	m	Joel Dison	iou
	126	Southern Company Services, Inc.	t	R.D. (Dean) Ulch, John Lucas, JT Wood, James Y. Busbin	iou
	127	Southwest Power Pool	i	Carl Monroe, Michael Desselle	
	128	Southwest Transmission Cooperative, Inc.	t	Larry D. Huff	muni
	129	Southwestern Power Administration	t	Tracey Stewart	fed
	130	SUEZ Energy Marketing NA, Inc.	m	Ken Lackey, Cesar Seymour	niou
	131	Sungard	e	Andrew Tritch	at large
	132	Tampa Electric Company	m	Gail M. McKaig	iou
	133	Tenaska, Inc.	g	Scott Helyer	merc
	134	Tennessee Valley Authority	d	Cindy Herron, Dianne H. Nunez	other
	135	Tennessee Valley Authority	g	Kathy York	fed
	136	Tennessee Valley Authority	m	Belinda Thornton	fed
	137	Tennessee Valley Authority	t	Chuck Feagans	fed
	138	TranServ International, Inc.	i	Kevin Burns	
	139	Tri-State Generation and Transmission Association, Inc.	t	Keith V. Carman	muni
	140	Tri-State G&T Association, Inc.	g	Lisa Tiffin	muni
	141	Tucson Electric Power Company	t	Raquel Aguilar, Judy Fregoso, Ed Beck	iou
	142	Vermont Public Power Supply Authority	g	William J. Gallagher	muni
	143	Westar Energy, Inc.	g	Shah Hossain	iou
	144	Western Area Power Administration	t	Mark Fidrych	fed
	145	Western Area Power Administration	m	Jeffrey Ackerman	fed
	146	Western Electricity Coordinating Council	t	Michelle Mizumori, Louise McCarren	at large
	147	We Energies (Wisconsin Electric)	d	Linda Horn	iou

North American Energy Standards Board Membership List
As of September 3, 2008

Quadrant		Organization	Segment[1]	Contact	Sub-Segment[2]
	148	We Energies (Wisconsin Electric)	g	James R. Keller	iou
	149	Wisconsin Public Power, Inc.	d	Mike Stuart	muni
	150	Wisconsin Public Service Corporation	g	Tom Webb, Charles W. Severance, Neal Balu	iou
	151	Xcel Energy Inc.	m	David Lemmons	iou
Retail Gas Quadrant:	1	AGL Resources Inc.	d	Katrina Bond	
	2	Allegro Development	s	Kimberly Page	
	3	American Public Gas Association (APGA)	d	Alonzo Weaver, Joe Stengel	
	4	Baltimore Gas & Electric Company	d	Phil Precht	
	5	Commerce Energy Group	s	Greg Lander	
	6	Dominion Retail, Inc.	su	Richard A. Zollars	
	7	Duke Energy Corp	d	Dan Jones	
	8	Exelon Energy	su	Sheree M. Petrone	
	9	International LNG Alliance	s	David Sweet	
	10	Interstate Gas Supply	su	Ginger Fletcher	
	11	Latitude Technologies	s	Leigh Spangler	
	12	National Fuel Gas Distribution Corporation	d	Mike Novak	
	13	Northern Indiana Public Service Company (NiSource, Inc.)	d	George Simmons	
	14	Pennsylvania Office of Consumer Advocate	e	Tanya J. McCloskey	
	15	Sprague Energy Corp.	su	Nicole D. Spaur	
	16	Systrends USA	s	Dave Darnell	
	17	UGI Utilities, Inc.	d	Paul Szykman	
	18	Vectren Retail, LLC	su	Tami Wilson	
	19	Wisconsin Public Service Corporation	d	Dennis Derricks, Ken Thiry, Les Nishida	
	20	Xcel Energy	d	Don Basler	

North American Energy Standards Board
Board of Directors Meeting – 9-25-08

2008 YTD Income and Expenses Compared to 2008 Budget and YE Estimate
Accrual Based as of 7-31-08



	YTD Actuals	YTD Budget	YE Budget	YE Estimate
Income	1575	1666	1770	1625
Expense	1086	1059	1731	1748
Net Income	489	607	39	-123

North American Energy Standards Board

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

September 14, 2008

TO: NAESB Board of Directors

FROM: Rae McQuade, Darla Wishart

RE: NAESB Financial Report

Below are the meeting statistics through August 31, 2008. Meeting statistics are a leading indicator for expenses:

2008 Meeting Statistics

Month	Event	WEQ	WGQ	Retail	Joint	Board
January	21 Meetings/105.5Hours	8/39	6/29	2/9.5	5/28	0/0
	15 Conf. Calls/44 Hours	9/34	1/2	1/3	4/5	0/0
February	12 Meeting/57.5 Hours	6/33	4/18.5	0/0	2/6	0/0
	8 Conf. Calls/40 Hours	5/27	2/7	1/6	0/0	0/0
March	17 Meeting/80 Hours	7/38	5/25	1/2	1/6	3/9
	11 Conf. Calls/34 Hours	7/24	0/0	1/6	3/4	0/0
April	11 Meeting/58.5 Hours	3/18	4/19.5	0/0	4/21	0/0
	14 Conf. Calls/56.5 Hours	13/54.5	0/0	0/0	1.2	0/0
May	16 Meeting/79 Hours	6/34	4/19	5/21	1/5	0/0
	10 Conf. Calls/44 Hours	9/43	0/0	0/0	1/1	0/0
June	Meeting/Hours	6/42	6/32	5/21.5	1/7	2/5
	Conf. Calls/Hours	6/32	7/3	1/5	0	0
July	Meeting/Hours	5/27	3/15	3/9	2/8	0
	Conf. Calls/Hours	11/11.5	7/15.5	0	2/5.5	0
August	Meeting/Hours	4/20	3/13	0	0	1/7
	Conf. Calls/Hours	4/12	0	0	2/3	0
Total	**Meetings/Hours**	**34/182**	**26/124**	**8/32.5**	**13/66**	**4/16**
	Conf. Calls/Hours	**47/194.5**	**3/9**	**3/15**	**11/15**	**0/0**

Purchase of products is a factor in non-dues revenue:

Purchases of NAESB Products as of August 31, 2008

Product	J	F	M	A	M	J	J	A	S	O	N	D	Total
NAESB Home Page Access for Password Protected Area ($3500)	0	0	1	0	0	0	0	0					**1**
NAESB WGQ / REQ / RGQ Internet Electronic Transport Manual, Version 1.0 ($300)	0	0	0	0	0	0	0	0					**0**
WGQ Printed NAESB Business Practice Standards Booklet (1 of 2 or 2 of 2) (Version 1.7) ($100)	3	0	0	0	0	0	0	0					**3**
WGQ Printed NAESB Business Practice Standards Booklet (1 of 2 or 2 of 2) (Version 1.8) ($100)	1	0	0	2	0	0	0	0					**3**

North American Energy Standards Board

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

Purchases of NAESB Products as of August 31, 2008

Product	J	F	M	A	M	J	J	A	S	O	N	D	Total
Retail Base Contract for Sales/Purchase of Natural Gas/Electricity ($50)	0	0	0	0	0	1	1	3					**5**
WGQ Base Contract for Sales/Purchases of Natural Gas/FTAA/OBA (Version 1.7) ($50 ea)	0	0	0	2	0	0	0	0					**2**
WGQ Base Contract for Sales/Purchases of Natural Gas/FTAA/OBA (Version 1.8) ($50 ea)	6	3	13	7	8	8	8	4					**57**
WGQ Electronic CD-Rom of Standards Manuals (Versions other than 1.7) ($200)	0	0	0	1	0	0	0	0					**1**
WGQ Electronic CD-Rom of Standards Manuals (Version 1.7) ($150/$300)	3	0	0	0	0	0	1	1					**5**
WGQ Electronic CD-Rom of Standards Manuals (Version 1.8) ($150/$300)	9	2	4	2	1	0	1	2					**21**
WEQ Printed NAESB Business Practice Standards Booklet ($100)	2	0	1	0	0	1	1	2					**7**
WEQ Electronic CD-Rom of Standards Manuals ($150/$300)	1	2	1	1	1	0	1	2					**9**
NAESB WGQ Contracts Course CD-Rom	0	0	0	19	0	0	0	0					**19**
NAESB WGQ Version 1.8 (Advanced Release of Final Actions) ($50)	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**
NAESB REQ/RGQ Model Business Practices CD-Rom ($150/$300)	0	0	0	0	0	0	0	1					**0**
Total	**25**	**7**	**20**	**34**	**10**	**10**	**13**	**15**					**134**

Changes in membership are the key contributor to revenue shifts for NAESB. The membership as of August 31, 2008 breaks down as follows:

Quadrant	Segment	Number of Members
WGQ Segments	**TOTAL**	**129**
	End Users	17
	Distributors	24
	Pipelines	39
	Producers	13
	Services	36
REQ Segments	**TOTAL**	**23**
	End Users	2
	Distributors	10
	Services	7
	Suppliers	4
RGQ Segments	**TOTAL**	**20**
	End Users	1
	Distributors	9
	Services	5

North American Energy Standards Board

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

Quadrant	Segment	Number of Members	
	Suppliers	5	
WEQ Segments	**TOTAL**		**151**
	End Users	7	
	Distributors	26	
	Transmission	46	
	Generation	30	
	Marketers	31	
	None Specified	1	
	Independent Grid Operators/Planners	10	

NAESB Membership Statistics – Changes by Quadrant for 2008 as of August 2008

WEQ	New Members:	7
	British Columbia Transmission Corporation, Entegra Power Group, LLC, Public Power Council, San Diego Gas & Electric Company, Santee Cooper, Westar Energy, Inc., Black Hills Corporation	
	Member Resignations:	12
	Conectiv Energy Supply, Inc., Dept. of the Interior – U.S. Bureau of Reclamation, Florida Reliability Coordinating Council, Ohio Consumers Council, ChevronTexaco Energy Research, Imperial Irrigation District, Michigan Electric Transmission Company, Oncor, Maryland People's Counsel, Constellation Energy, Sacramento Municipal Utility District, Salt River Project Agricultural Improvement & Power District,	
WGQ	New Members:	6
	EnergySouth Midstream, Inc., Foothills Energy Ventures, LLC, OGE Energy Resources, Inc., Vega Energy Partners, Ltd., Goodrich Petroleum Company, LLC, Noble Energy, Inc.	
	Member Resignations:	7
	HS Resources, Inc., Vega Energy Partners, Ltd., J.P. Morgan Ventures Energy Co., UBS Energy LLC, Florida Reliability Coordinating Council, Equitable Gas Company, Reliance Gas Transportation Infrastructure Limited	
REQ	New Members:	2
	ICF International, North Carolina Advanced Energy Corporation	
	Member Resignations:	4
	Wal-Mart Stores, Inc., Mississippi Power Company, Gulf Power Company, TXU Energy Retail	
RGQ	New Members:	1
	Vectren Retail, LLC	
	Member Resignations:	6
	Center Point Energy Minnegasco, Energy Services Group, Inc., Public Service Electric & Gas Company, Indiana Office of Utility Consumer, Niagara Mohawk, UBS Energy LLC,	
TOTAL	New Members	16
	Member Resignations:	29

North American Energy Standards Board

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

FINANCIAL REPORT YEAR-TO-DATE – ACCRUAL BASED, AS OF 7-31-08

BALANCE SHEET	
Assets	
Current Assets	$494,086.15
Accounts Receivable	$199,500.00
Fixed Assets	$51,447.04
Other Assets	$10,277.94
Total Assets	$755,311.13
Liability & Equity	
Deferred Revenue	$471,375.00
Accounts Payable	$50,237.33
Retained Earnings	($256,160.71)
Net Income	$489,859.51
Total Liability and Equity	$755,311.13
INCOME AND EXPENSE	
Income	$1,575,481.76
Expense	$1,085,622.25
Net Income	$489,859.51
INCOME AND EXPENSES TO BUDGET - YTD	
2008 YTD Budget for Income	$1,665,800.00
Income Variance	($90,318.24)
2008 YTD Budget for Expenses	$1,058,540.53
Expenses Variance	($27,081.72)
Net Income Variance	($117,399.96)
YEAR END ANALYSIS	
2008 Budget for Expenses	$1,731,147.00
2008 Budget for Revenue	$1,769,900.00
Revenue YTD Actual	$1,575,481.76
Remaining Revenue Estimated through YE	**$50,000.00**
Estimated YE Revenue	$1,625,481.76
Expenses YTD Actual	$1,085,622.25
Remaining Expenses Estimated through YE	**$662,500.00**
Estimated YE Expenses	$1,748,122.25
Est YE Revenue Underage Compared to Budget	($144,418.24)
Est YE Expenses Overage Compared to Budget	$16,975.25
Difference - YE Est Revenue - YE Est Expenses	($122,640.49)

North American Energy Standards Board

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

FINANCIAL REPORT YEAR-TO-DATE – ACCRUAL BASED, AS OF 7-31-08	
CASH BASIS ANALYSIS	
Beginning Balance 1-1-08	$498,320.00
Total Cash Income	$1,064,518.00
Total Costs	$1,075,072.00
Ending Balance 7-31-08	$487,766.00
ACCOUNTS RECEIVABLE ANALYSIS	
Accounts Receivable	$199,500
Items 90 Days or more Outstanding	$53,500
Items 60 Days Outstanding	$10,000
Items 30 Days Outstanding	$135,500
Items Less Than 30 Days Outstanding	$500

North American Energy Standards Board

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

NAESB SUMMARY OF BOARD REVENUE TASK FORCE FINDINGS AND RECOMMENDATIONS
SEPTEMBER 11, 2008

Task Force Members:

Michael Desselle, Valerie Crockett, Sue Barry, Bill Hebenstreit, Scott Brown, Bruce Ellsworth, Mike Gent, Debbie McKeever, Jim Templeton, Rick Smead

Chronology of Events:

- On June 26, 2008, the Board created a committee to investigate the possibility of raising membership dues as well as revenue generated from other sources. The committee was to bring back a recommendation at the September Board meeting.
- The committee was created with members asked to serve by the chair. Two meetings were held on August 12 and August 28, 2008 with multiple work products created for team review and consideration.
- The following analyses and discussions were undertaken in the meetings:
  - Financial Profile
  - Why Charge for Standards – ANSI Document, Standards/Work Product Charges and Membership Fees Comparisons
  - Profile of work efforts for 2008/2009
  - Generation of non-dues revenue, possible role for the Managing Committee, and certificate and bylaws implications for implementing any changes
  - Charges for work products
  - Incentives for the proper use of work products - including copyright protection and notification.
  - Dues analysis – effect of $6000, $6500 and $7000 dues structure for 2009, including a review of the multiple memberships held by corporations

Results and Recommendations:

Based on the discussions and reviews of various analyses, the Board Committee recommends the increase in the membership dues from $5000 to $6500 effective for 2009. As a point of perspective, the dues were raised to $5000 in 1996 and there has been no increase since that time. This is a 1.9% increase over the years since NAESB provided its last increase, while over the same time period, the standards development process has become more complex representing more diverse interests in the market.

Based on today's membership numbers, the increase would represent a $450,000 increase in revenue – to be applied to the negative retained earnings, which has been slowly brought down since the creation of NAESB. The negative retained earnings for the past several years are: $343,660.71 (2007), $358,494.11 (2006), and $371,826.45 (2005). This year, with the projects undertaken and unanticipated increases in a number of areas, instead of reducing the negative retained earnings, 2008 will add to them. As such, the board created the committee to address this issue. The effect if the dues increase in 2009 would be applied to the negative retained earnings as they sit today, plus any that is added this year – providing a strong fiscal base from which the organization can operate. NAESB has operated with negative retained earnings since its inception.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB SUMMARY OF BOARD REVENUE TASK FORCE FINDINGS AND RECOMMENDATIONS
SEPTEMBER 11, 2008

It is expected that we will see some loss in membership as a result of increasing the dues. However, in comparison to other similar standards development organizations, our dues are on the lower scale, particularly when considering the pricing of the work products, which are considered a part of the membership benefits. While the proposed dues increase is the focus of the recommendation, the group will continue to investigate other means.

Non-members will also see increases in costs to access products. Currently the non-members pay $300 for a full set of a version of standards on electronic media. With the release of Version 2.0 of the WEQ standards, the price will increase to $900. This increase will still not approximate the cost to the organization and its members in creating the work product, and it is significantly lower than the cost of standards from similar standards setting organizations that are funded through dues and sales of work products, but it will add an estimated $25,000 in revenues based on the sales year-to-date.

Similarly, more efforts will be made to protect the copyrighted materials and communicate such to the users and potential users of the work products.

North American Energy Standards Board

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

September 9, 2008

RE: Draft NAESB Board Resolutions for September 25, 2008

Agenda item 4(a) – Revenues Task Force – Dues Increase	**WHEREAS,** the Board Revenue Ad Hoc Group through its review of the 2008 balance sheet and consideration of the negative retained earnings, consideration of membership and pricing of work products, unanimously supports a dues increase from $5000 to $6500; and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Revenues Task Force; **THEREFORE, BE IT RESOLVED,** the membership dues for 2009 will be increased by $1500 to $6500. This increase will take effect January 1, 2009. Those members receiving the $500 dues amount will not experience an increase in the dues for 2009.
Agenda Item 4(b) – Parliamentary Committee – Certificate Amendments	**WHEREAS,** the Board Parliamentary Committee unanimously supports proposed changes to the NAESB Certificate to address situations where segments of the Board of Directors or the Executive Committee are not fully populated; and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Board Parliamentary Committee; **THEREFORE, BE IT RESOLVED,** the amendments to the NAESB Certificate of Incorporation are adopted by the Board of Directors, and the NAESB office is directed to forward the amendments to the NAESB membership for ratification.
Agenda Item 4(b) – Parliamentary Committee – Bylaws Amendments	**WHEREAS,** the Board Parliamentary Committee unanimously supports proposed changes to the NAESB Bylaws to address situations where segments of the Board of Directors or the Executive Committee are not fully populated; and proposed language to include Board resolutions creating the Managing Committee, and proposed language to clarify officer elections; and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Board Parliamentary Committee, **THEREFORE, BE IT RESOLVED,** the amendments to the NAESB Bylaws are adopted by the Board of Directors.
Agenda Item 4(b) – Parliamentary Committee – NAESB Operating Practices Amendments	**WHEREAS,** the Board Parliamentary Committee reviewed changes to the NAESB Operating Practices for consistency with the proposed changes to the certificate and bylaws, and changes to support current practices (creation of the IGO segment, retirement of the memorandum of understanding that created the Joint Interface Committee), and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Board Parliamentary Committee, **THEREFORE, BE IT RESOLVED,** the amendments to the NAESB Operating Practices are adopted by the Board of Directors.

North American Energy Standards Board

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

Agenda Item 4(b) – Parliamentary Committee – NAESB Policy on Efficient Standards Development

WHEREAS, the Parliamentary Committee considered the draft policy on efficient standards development as remanded to it by the Board of Directors on June 26, 2008, and

WHEREAS, the Parliamentary Committee amended the draft policy and unanimously supports the amended draft policy, and

WHEREAS, the Managing Committee unanimously supports the recommendation of the Parliamentary Committee,

THEREFORE, BE IT RESOLVED, the NAESB Policy on Efficient Standards Development as amended by the Parliamentary Committee is adopted by the Board of Directors.

AMENDED AND RESTATED

CERTIFICATE OF INCORPORATION

OF THE

NORTH AMERICAN ENERGY STANDARDS BOARD, INC.

.

Article I

Name, Duration, and Registered Agent

Section 1. The name of the corporation is the **NORTH AMERICAN ENERGY STANDARDS BOARD, INC.** (hereinafter referred to as "NAESB"). NAESB is a non-stock corporation.

Section 2. The period of duration of NAESB is PERPETUAL. NAESB may be dissolved at any time in the manner provided in the Statute; provided, however, that no later than December 31, 2004, NAESB's Board of Directors shall submit to the members a resolution recommending whether NAESB shall continue. An affirmative vote of both the Board of Directors and the members, as defined in Article V of this Certificate, shall be required to continue NAESB.

Section 3. Reserved.

Section 4. No later than October 1, 1996, the Board of Directors shall submit to the membership a proposal on whether to consolidate the functions of the Board of Directors and the Executive Committee. An affirmative vote of both the Board of Directors and the members, as defined in Article V of this Certificate, shall be required to consolidate the functions of the Board of Directors and the Executive Committee. If the functions of the Board of Directors and the Executive Committee are consolidated, the surviving entity shall become the Board of Directors.

Section 5. NAESB is not organized for pecuniary profit or for the pecuniary profit of its members, or to engage in a regular business ordinarily carried on for profit. No part of the net earnings of NAESB shall inure to the benefit of any member or members or other private persons. During its functioning life, and in the event of its dissolution, all net earnings of NAESB and its assets shall be devoted solely to the objects and purposes stated in this

Certificate. Upon dissolution of NAESB, its assets may be distributed in any manner consistent with this Section and with the applicable provisions of law.

Section 6. The registered office and registered agent of NAESB is The Prentice-Hall Corporation System, Inc., 32 Loockerman Square, Suite L-100, Dover, Kent County, Delaware, 19904.

Article II

Purposes and Scope

Section 1. The objects and purposes of NAESB are to propose and adopt voluntary standards and model business practices designed to promote more competitive and efficient natural gas and electric service, as such standards apply to electronic data interchange ("EDI") record formats and communications protocols and related business practices that streamline the transactional processes of the natural gas and electric industries.

Section 2. NAESB shall engage in any lawful activities necessary or desirable to achieve the objectives and purposes of NAESB set forth in Section 1 of this Article II to the extent consistent with the provisions of Section 501(c)(6) of the Internal Revenue Code of 1986 (or any corresponding provision of any future revenue law) and the regulations promulgated thereunder (as they now exist or as they may be amended in the future, the "Code").

Section 3. NAESB shall be a non-profit organization qualifying under Section 501 (c) (6) of the Code and shall not have the authority to issue capital stock.

Section 4. NAESB shall not have any formal relationship with any regulatory agency. NAESB shall not have an advocacy role regarding its standards before the FERC or any other regulatory agency.

Article III

Organization and Management

Section 1. The business and affairs of NAESB shall be managed by the Board of Directors except to the extent that specific powers and duties are conferred upon the Executive Committee by this Certificate. The Board of Directors may delegate additional powers to the Executive Committee, provided that the Board of Directors may not delegate its power to approve an amendment of the Certificate of Incorporation, a merger or consolidation, a sale of substantially all the assets or dissolution of NAESB, or amendment of the By-Laws.

Section 2. The Board of Directors and Executive Committee members shall be elected for such terms as provided in the By-Laws. The number of members of the Board of Directors and Executive Committee shall as provided in the By-Laws. There may be as many as four Quadrants and each Quadrant shall be composed of industry Segments.. The members of each Segment shall vote separately for the election of Directors and Executive Committee members for such Segment pursuant to procedures set forth in the By-Laws.

Section 3. Each representative of the Board of Directors and the Executive Committee shall have one vote. Neither the Board of Directors nor the Executive Committee shall allow substitutes for any member thereof at their respective meetings; provided, however, that, as provided in the By-Laws, the Executive Committee may have designated alternates as selected by their segment. The Board of Directors and Executive Committee shall further establish procedures for notational voting, attendance by telephone or video conferencing, and determination of quorums. These procedures shall be included in, or attached to, the By-Laws. The Board of Directors and the Executive Committee shall each elect a chairman from among their own members. The Chairman of the Board of Directors may request that any vote or action be taken by the Board of Directors without a meeting and without unanimous consent, and such action may be taken if approved by the appropriate voting levels specified in Article V. The Chairman of the Executive Committee may request that any vote or action be taken by the Executive Committee without a meeting and without unanimous consent, and such action may be taken if approved by the appropriate voting levels specified in Article V.

Section 4. Among its other duties of governance, the Board of Directors shall be responsible for approving the budget and Annual Plan(s), initiating and recommending charter changes, maintaining contacts within the natural gas and electric industries and with government agencies, and selecting counsel and the external auditor for NAESB. The Board of Directors shall also have the authority to adopt and amend the By-Laws pursuant to Section 5 of Article V.

Section 5. **(a)** The Executive Committee shall be responsible for (1) the development and formation of NAESB technical standards that are based upon broad industry consensus and recognize the particular needs of each Segment, (2) considering and coordinating its work with existing standards-setting organizations and with regard to standards already developed, and (3) establishing an accessible library of transactions developed by members of NAESB for future consideration by NAESB in the standards development process.

(b) In addition, the Executive Committee shall be responsible for: (1) recommending the initiation, maintenance, and approval of standards-related activities; (2) establishing working

committees as it deems necessary to perform NAESB's standards development functions pursuant to procedures set forth in the By-Laws; (3) preparing recommendations to the Board on the Annual Plan; (4) setting priorities for standards to be developed or modified pursuant to the Annual Plan; and, (5) directing activities for reviewing standards interpretation pursuant to the appropriate voting levels specified in Article V.

Section 6. The personal liability of the members of the Board of Directors and the Executive Committee, and such other persons acting for NAESB, to the extent applicable under the Statute, is hereby eliminated to the fullest extent permitted by Section 102(b)(7) of the Statute, as the same may be amended and supplemented.

Any person who is or was a director, officer, agent, or employee of NAESB, or is or was serving, at the request of NAESB, as a director, officer, agent, or employee of another corporation, trust, or enterprise, shall be entitled to be indemnified by NAESB to the fullest extent now or hereafter permitted by the Statute in connection with any actual or threatened action or proceeding (including civil, criminal, administrative or investigative proceedings) arising out of their service to such entity. The indemnification provided by this Article shall not be deemed exclusive of any other rights to which an indemnified person may be entitled under any by-law, agreement, insurance policy, or otherwise.

Section 7. The Chairman of the Board of Directors shall be the Chief Executive Officer of NAESB. An Executive Director shall be selected by the Board of Directors and shall exercise the duties of the chief operating officer of NAESB.

Section 8. Advisory Committee. The Board of Directors shall establish a permanent, standing advisory committee to be composed of representatives of federal, state, and local agencies; public interest groups; non-profit research organizations; and similar organizations, selected pursuant to procedures set forth in the By-Laws. The Board of Directors and the Executive Committee shall seek the advice of this committee as either deems appropriate.

Section 9. NAESB shall have no standing relationships with any technical or trade association; provided, however, NAESB may establish an appropriate relationship with the American National Standards Institute (ANSI) for the purpose of seeking ANSI adoption of its standards, and further provided, however, that any Board-approved arrangement for financial support of NAESB by any technical or trade association shall not be deemed to create a prohibited standing relationship. NAESB may work with such associations on an ad hoc basis. Furthermore, any such association may become a non-voting member of NAESB.

Article IV

Membership

Section 1. NAESB shall have two classes of members, voting members and non-voting members. The requirements for becoming a member of NAESB shall facilitate to the greatest extent possible a wide based membership consistent with NAESB's fiscal requirements and shall be consistent with all applicable law. Membership criteria for each Segment shall be established separately and set forth in or attached to the By-Laws; provided that the adoption of the requirements for membership in any Segment and any amendment thereof must first be approved by a majority of the Directors representing such Segment.

Section 2. Voting members. The voting members of NAESB shall be individuals, partnerships, firms or corporations, which shall apply for membership in one or more Segments and are in good standing in accordance with the procedures of their Segment(s). As a condition of membership, each voting member will be required to execute a revocable appointment, in a form approved by the Board of Directors, authorizing a designated proxy to vote in support of any of the proposals adopted by the Board of Directors described in Article V, Section 3 of this Certificate of Incorporation which may be submitted to a vote of the general membership. Any voting member may resign from NAESB by written notice to the Executive Director, whereupon that member's participation in all NAESB activities shall cease.

A voting member which is delinquent in the payment of its dues shall continue as a member, but shall not be allowed to vote until it is current in the payment of its dues.

Section 3. Non-voting members. Non-voting members shall include any person or entity, including a governmental entity, that has a legitimate business interest in a Quadrant of NAESB and desires to join as a non-voting member.

Article V

Voting

Section 1. All actions within the respective responsibilities of the Board and the Executive Committee, as the case may be, shall be by majority vote, except as otherwise provided in this Certificate of Incorporation. A quorum shall be a majority of the Board or Executive Committee, respectively.

Section 2. Voting members shall be entitled to one vote each at meetings of members, except that procedures attached to the By-Laws may provide for weighted or limited voting for

members of any Segment, if such By-Law provision is first approved by a majority of the Directors representing such Segment, provided such Segment is fully populated to the extent determined in the By-laws. The quorum for meetings of members shall be one-third of the total number of votes eligible to be cast unless a different number is established by this Certificate.

Section 3. An affirmative vote of at least seventy-five percent (75%) from the Board, including an affirmative vote of at least forty percent (40%) from Directors representing each Segment within each Quadrant, provided such Segment is fully populated to the extent determined in the By-laws, which vote must be ratified by a ninety percent (90%) affirmative vote of the general membership, shall be required to approve an amendment of this Certificate, including NAESB's scope and purposes described in Article II, to continue NAESB pursuant to Section 2 of Article I, to expand or contract the activities of NAESB pursuant to Section 3 of Article I and to consolidate the functions of the Board of Directors and the Executive Committee pursuant to Section 4 of Article I. No quorum of the members shall be required for such votes.

Section 4. An affirmative vote of at least sixty-seven percent (67%) from each of the applicable Quadrant(s) of the Executive Committee, including an affirmative vote of at least forty percent (40%) from representatives of each Segment within each of the applicable Quadrant(s), provided such Segment is fully populated to the extent determined in the By-laws, which vote must be ratified by a sixty-seven percent (67%) affirmative vote of those members of the applicable Quadrants of the general membership voting, shall be required to adopt, promulgate, amend, revise, modify, interpret, or rescind a standard. No quorum of the members shall be required for such vote.

Section 5. The By-Laws may be adopted or amended by the Board on an affirmative vote of at least seventy-five percent (75%) from the Board, including an affirmative vote of at least forty percent (40%) from Directors representing each Segment within each Quadrant, provided such Segment is fully populated to the extent determined in the By-laws. The procedures of any Quadrant attached to the By-Laws as an Exhibit, or any amendment of such procedures, may be accepted for consistency by the Board by a simple majority vote.

Deleted: Section 6. A vote of at least seventy-five percent (75%) from the Board, including an affirmative vote of at least forty percent (40%) from the Directors representing each Segment within each Quadrant, shall be required to determine how to fund a budget deficit or to establish or modify a promotional dues program.

Formatted: Font color: Red

Article VI

Meetings

Section 1. The Board of Directors and Executive Committee shall meet as often as necessary to consider matters within their respective responsibilities. Notice of such meetings,

Deleted: ,

Deleted: ,

Deleted: ,

Deleted: ,

Deleted: ,

Deleted: ,

which shall be appropriate under the circumstances and comply with all applicable statutory requirements, shall be given.

Section 2. The Board of Directors shall instruct the Executive Director to call such meetings of the general membership of NAESB as are required by statute or are necessary to transact the business of NAESB. Meetings of NAESB may also be called by a majority of the members of NAESB or by a majority of the members of the Board of Directors. Between meetings of NAESB, votes of the membership may be taken by written ballot.

Section 3. Written notice of the annual meeting of NAESB shall be given in such manner as is prescribed by Statute, but not less than ten (10) nor more than sixty (60) days prior to the date of the annual meeting. Notice of other meetings shall be given in a manner as may reasonably permit attendance at such meeting, but in any event in a time and manner sufficient to satisfy any statutory requirements.

Article VII

Funding

Section 1. The funds necessary to conduct the business of NAESB shall be determined by the NAESB Board of Directors. The NAESB Board of Directors shall determine the amount of the membership fee to be assessed to each member on the year prior to its assessment, provided that except for promotional dues, the dues shall be the same for all voting members. NAESB may elect to receive funds from non-dues sources to the extent authorized by the Board of Directors and permitted by law and NAESB's bylaws. The Executive Director of NAESB shall ensure that NAESB expenditures in any year shall not exceed the sum of: (x) the aggregate amount of membership fees received (or projected to be collected) during the year to which such annual budget relates and (y) all other monies or income received (or projected to be received) by NAESB from whatever source during such year.

Section 2. A vote of at least seventy-five percent (75%) from the Board, including an affirmative vote of at least forty percent (40%) from the Directors representing each Segment within each Quadrant, provided such Segment is fully populated to the extent determined in the By-laws, shall be required to determine how to fund a budget deficit or to establish or modify a promotional dues program.

Deleted: ,

Article VIII

Amendment of Certificate of Incorporation

Section 1. The provisions contained in this Certificate of Incorporation may be amended by the adoption of a resolution pursuant to the voting procedures set forth at Article V.

BYLAWS

Of

NORTH AMERICAN ENERGY STANDARDS BOARD, INC. (NAESB)

A Delaware Non-Stock, Non-Profit Corporation

ARTICLE 1 - DEFINITIONS

Section 1.1 Definitions

The following terms used in these Bylaws shall have the meanings set forth below.

A. "Act" means the Delaware General Corporation Law, as amended.

B. "Agent" means an individual, partnership, firm, corporation or other entity representing the interests of a member of NAESB, but who, itself, is not necessarily a member of NAESB.

C. "Balanced Voting" means that, in the context of EC Subcommittees and task forces, with respect to Standards/Model Business Practices development, voting is governed by rules and procedures that provide for balance of interests among industry Segments and Quadrants participating in NAESB so as to avoid having any one interest exert undue influence over any decision.

D. "Board" means the Board of Directors of NAESB.

E. "Certificate" means the Certificate of Incorporation, as amended from time to time, of the NAESB.

F. "Director" means an individual serving on the Board.

Deleted: GISB/

G. "EC" means the Executive Committee of NAESB, Inc. (in whole, as a Quadrant EC, or any combination of the Quadrant EC(s)).

H. "EC Subcommittee" means a subcommittee established by the EC pursuant to Section 10.5 of these Bylaws.

I. "Exhibit" means an attachment to these Bylaws.

J. “Majority” means a simple majority of each of the applicable Quadrants for the purposes of voting.

K. "Members" means individuals and entities that satisfy the requirements for membership set forth in Article 5 of the Bylaws, and includes Voting Members and Non-Voting Members.

L. “Model Business Practice” means a protocol or procedure for the conduct of specified acts or transactions. The term “Model Business Practice” does not imply enforceability by NAESB.

M. “NAESB” means the North American Energy Standards Board, Inc.

N. “Operating Procedures” means the policies and rules that govern the behavior and operation of committees, subcommittees and task forces of NAESB, as established and maintained by the Parliamentary Committee of the Board, (as established in Section 7.8(b)). They apply equally to all Quadrants and Segments.

O. “Quadrant” means any one of the industry sectors that make up NAESB, whose name has been assigned by the Board, for example, gas wholesale, electric wholesale, gas retail, and electric retail.

P. “Reconsideration” means a review of a proposed Standard or proposed Model Business Practice subsequent to adoption by the EC and prior to ratification, as described in Section 10.3(h) of these Bylaws.

. Q. "Segment" means one of the co-equal member groupings of a given Quadrant, as defined by that Quadrant and approved by the Board as an Exhibit to these Bylaws.

Deleted: following

Deleted: ,

Deleted: :

Deleted: A particular Quadrant may be referred to as the “Wholesale Gas Quadrant,” “Wholesale Electric Quadrant,” “Retail Gas Quadrant,” or “Retail Electric Quadrant.”

Deleted: GISB/

R. "Standard" means a protocol or procedure for the conduct of specified acts or transactions. The term "Standard" does not imply enforceability by NAESB.

S. "Triage Process" refers to the actions taken from the time a request for a proposed Standard or a proposed Model Business Practice is received by the NAESB office, through consideration by the Triage Subcommittee, and until such time as the EC assigns the request for consideration.

T. "Voting Member" means an individual, partnership, firm, corporation or other entity whose NAESB dues are current and who meets the requirements for membership of a given Segment(s) within a Quadrant(s), and who has joined such Quadrant(s) and Segment(s). A Voting Member may only be a member of multiple Quadrants and Segments if it has paid dues in each such Quadrant and Segment.

ARTICLE 2 - PURPOSES, SCOPE, ACTIVITIES AND POLICIES

Section 2.1 Purposes, Scope and Activities

The purposes, scope and activities of NAESB are set forth in Article II of the Certificate.

Section 2.2 Policies

(a) As expressed in Article IV, Section1 of the Certificate, NAESB's policy is to encourage a widely-based membership of diverse stakeholders whose business interests are directly affected by the adoption of Standards and Model Business Practices for their commercial activities. Consistent with this approach, NAESB's policy is that all meetings of NAESB, including those of its Members, Board, EC, Advisory Council (as established in Section 7.9), Board committees, EC Subcommittees and task forces, shall be open to any member of the public and the minutes thereof shall be available to the public, except as provided in Section9.1 of these Bylaws.

(b) The principles governing NAESB are:

Deleted: GISB/

Independence – NAESB should be an independent body. While it may have informal liaisons to trade associations, other standards organizations and government agencies, it should be a separately incorporated, fully independent, organization.

Openness -- NAESB should conduct its activities in the open. Openness should apply to all aspects of its organizational governance, elections and Standards or Model Business Practices development processes, including work products and related meetings. The meetings, agendas and items set for discussion and/or possible vote should be publicly noticed, and interested parties, regardless of membership should have the opportunity to participate.

Voluntary -- Participation in NAESB should be voluntary and adherence to its Standards and Model Business Practices should, from NAESB's perspective, also be voluntary. Membership should not be dependent upon whether the company seeking membership implements the Standards and Model Business Practices. NAESB will not maintain any type of enforcement activity.

Balance of Interests – The voting with respect to governance, Standards, Model Business Practices, and Operating Procedures should provide for balance among industry Segments and Quadrants participating in NAESB so as to avoid any one interest group or group of interests having the ability to exert undue influence over any decision.

Inclusivity – All interested parties have the opportunity to participate in the activities of the standards organization and to join NAESB. All participants should be identified and associated with a Segment and Quadrant.

Consensus-Based Decisions -- The voting rules should be constructed so that decisions based upon consensus are encouraged. In addition, with respect to voting upon the Standards or Model Business Practices issued or to be issued by NAESB, energy Quadrants and their Segments should be assured that each energy Quadrant and its Segments can protect its interests by requiring both super-

majorities and a minimum per Segment, and that a per Quadrant threshold be achieved for passage of such Standards and Model Business Practices by NAESB.

No Advocacy – NAESB should be prohibited from taking advocacy positions on its Standards or Model Business Practices as a party to any proceeding before a governmental agency. This is not intended to preclude NAESB's duly authorized representatives from educating or communicating with any group as to NAESB's procedures and/or work product(s).

Membership Driven – NAESB should be membership driven. The paid staff should perform administrative functions to support NAESB's activities. Requests for Standard(s) or Model Business Practices should be proposed by identified persons and not by NAESB or its committees and subcommittees. NAESB's staff should neither have a vote nor a role with respect to conducting the affairs of NAESB other than to provide ministerial functions.

Develop Practices, Not Policy – The committees, subcommittees and task forces of NAESB should endeavor not to create policy in their Standards or Model Business Practices development activities absent being requested to do so by the Board.

Incorporate Best Practices – To the extent reasonable, the Standards and Model Business Practices to be established should reflect standardization and streamlining of activities chosen as best practices from among existing and reasonably anticipated policies and practices.

Broad Applicability – To the extent reasonable, the Standards and Model Business Practices to be established should be structured such that they can be applicable to both the electric and natural gas industries. The two industries should work together to develop Standards and Model Business Practices when joint Standards and Model Business Practices are appropriate. However, where operating requirements dictate the need for different approaches, discrete Standards and Model Business Practices will be established separately by Quadrant(s).

Deleted: GISB/

ANSI Accreditation – NAESB will actively seek to transfer to itself the current Gas Industry Standards Board accreditation as an American National Standards Institute Standards Development Organization.

(c) It is the policy of NAESB to comply to the fullest extent possible with both the letter and spirit of all applicable federal and state laws and regulations, including the antitrust laws. The purpose of the antitrust laws is to preserve and promote competition. Any conduct that violates Federal or State antitrust laws is detrimental to the best interests of NAESB and its Members, and is, therefore, contrary to NAESB policy. No officer, employee or member of NAESB is authorized by NAESB to act contrary to this policy.

Section 2.3 Quadrants and Segments

The procedures of each Quadrant and Segment, respectively, shall conform to the policies of NAESB as stated in the Certificate and these Bylaws. The Board shall have authority to enforce these NAESB policies with regard to the procedures of the Quadrants and Segments.

In order to have representation on the Board or the EC, a Quadrant shall have at least forty Voting Members and at least four Segments. Each Segment shall have at least five Voting Members. This minimum representation requirement shall be reconsidered by the Board biannually. Without limitation, and in addition to the other options it may choose, the Board may combine Quadrants, either for operational purposes or administrative purposes (including voting at the Board or the EC), or both, and may add new Quadrants.

A fully populated segment is one which has all seats filled on the Board (for a vote at the Board) or the EC (for a vote at the EC), and only a fully populated segment may exercise the affirmative voting rights provided in Article V of the Certificate, for actions taken by the Board or the EC, as the case may be.

Deleted: prior to March 31, 2003 and

Deleted: thereafter

Formatted: Font: Times New Roman, 12 pt

Formatted: Font: Times New Roman, 12 pt

Formatted: Font: Times New Roman, 12 pt

Deleted:

Formatted: Font: Times New Roman, 12 pt

Deleted: in which

Formatted: Font: Times New Roman, 12 pt

Deleted: GISB/

ARTICLE 3 - OFFICES

Section 3.1 Offices

The registered office of NAESB shall be located in Delaware. NAESB may have any number of other offices at such places as the Board may determine.

ARTICLE 4 - SEAL

Section 4.1 Seal

NAESB may use a Corporate Seal. The Corporate Seal shall bear the name of NAESB, the year of its incorporation and the words "Corporate Seal, Delaware."

ARTICLE 5 - MEMBERS

Section 5.1 Voting Members

(a) The general requirements for Voting Membership are set forth in Article IV, Section 1 and 2 of the Certificate. Individuals, partnerships, firms or corporations shall join as Members through application for Voting Membership in one or more Quadrants and Segments. The membership requirements for each Quadrant and Segment are set forth in Exhibits 1 through 4.

(i) Each Voting Member shall be entitled to one (1) vote in person or by proxy, and shall designate in writing the individual authorized to cast that vote.

(ii) Each Voting Member may vote by proxy. Every proxy shall be executed in writing by the Voting Member or by such Voting Member's duly authorized attorney in fact and filed with the Secretary of NAESB. A proxy shall be revocable at will, notwithstanding any other agreement or any provision in the proxy to the contrary. The revocation of a proxy shall not be effective until notice thereof has been given to the Secretary of

Deleted: GISB/

NAESB. A proxy shall not be revoked by the death or incapacity of the maker unless, before the vote is counted or the authority is exercised, written notice of such death or incapacity is given to the Secretary of NAESB. No proxy shall be valid after three (3) years from the date of its execution unless otherwise provided in the proxy.

(iii) As described in Article IV, Section2 of the Certificate, each Voting Member is required, as a condition of membership, to execute a revocable appointment, in a proxy form approved by the Board, authorizing a designated proxy to vote in favor of any of the proposals described in Article V, Section3 of the Certificate; provided, however, that any Voting Member shall have the right to cast its vote, in lieu of such revocable proxy, either in favor of or in opposition to any such proposal. This proxy shall not expire until revoked by the Voting Member.

(iv) A trade association may join as a non-voting member. A trade association may become a Voting Member only if there are no other Voting Members of NAESB that can represent the interests of the trade association's membership, or if the Quadrant determines that the trade association's membership is otherwise under-represented by Voting Members. A trade association shall not be eligible to hold a seat on either the Board or the EC, except as an Agent of an eligible Voting Member.

(b) The Board may, by resolution, determine (a) the amount of the membership fee described in Article VII, Section 1 of the Certificate to be assessed to each Voting Member, and (b) the time and method of payment. Delinquency in payment of membership fees has the effect on voting rights specified in Article IV, Section 2 of the Certificate.

(c) Unless otherwise restricted by the Certificate of Incorporation or these Bylaws, any action required or permitted to be taken by the members at any annual or special meeting may be taken without a meeting, without prior notice and without a vote, if a consent or consents in writing, setting forth the action so taken, shall be signed by the members having not less than the minimum number of votes that

Deleted: GISB/

would be necessary to authorize or take such action at a meeting at which all members having a right to vote thereon were present and voted. Such written consents shall be delivered to NAESB by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of NAESB having custody of the book in which proceedings of meetings of members are recorded. Delivery made to NAESB's registered office shall be by hand or by certified or registered mail, return receipt requested. Every written consent shall bear the date of signature of each member who signs the consent, and no written consent shall be effective to take the corporate action referred to therein unless, within sixty days of the earliest dated consent delivered to NAESB in the manner required by this Section 5.1(f), written consents signed by a sufficient number of members to take action are delivered to NAESB by delivery to its registered office in the State of Delaware, its principal place of business, or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of members are recorded. Delivery made to NAESB's registered office shall be by hand or by certified or registered mail, return receipt requested. Prompt notice of the taking of the corporate action without a meeting by less than unanimous written consent shall be given to those members who have not consented in writing. In the event that the action which is consented to is such as would have required the filing of a certificate by law, if such action had been voted on by members at a meeting thereof, the certificate filed shall state, in lieu of any statement required by law concerning any vote of members, that written consent has been given in accordance with the Delaware General Corporation Law, and that written notice has been given.

Section 5.2 Non-Voting Members

As provided in Article IV, Section 3 of the Certificate, Non-Voting Members may include, but not be limited to, federal, state and local agencies; non-profit research organizations and similar entities.

Deleted: GISB/

Section 5.3 Nontransferable

Membership in NAESB is not transferable to another corporation or entity, although member organizations may transfer representation from one individual to another upon written notice to the Secretary. Such transfer of representation shall not extend to transfer of Board or EC seats.

Section 5.4 Resignation

Any Member may resign from membership by written notice to the Secretary, whereupon that Member's NAESB voting rights and member benefits shall cease.

ARTICLE 6 - MEETINGS OF MEMBERS

Section 6.1 Place of Meetings

Meetings of the Members shall be held at such place as may be fixed by the Board. If no place is fixed by the Board, meetings of the Members shall be held at the registered office of NAESB.

Section 6.2 Annual Meeting

Unless the Board provides by resolution for a different time, the Annual Meeting of the Members shall be held in September, October, November or December of each year on the date specified by the Board in the notice of annual meeting.

Section 6.3 Special Meetings of Members

Special meetings of the Members may be called at any time by the Board Chair, by a Majority of the Board or by a Majority of Voting Members. Upon written request of any person entitled to call a special meeting, the Secretary shall (a) fix the date and time of the meeting, which shall be held not less than ten (10) days nor more than sixty (60) days after receipt of the request, and (b) give notice thereof in accordance with Article 11. If the Secretary neglects or refuses to fix the meeting date or give notice, the person or persons calling the meeting may do so.

Deleted: GISB/

Section 6.4 Determination of Members of Record

The Board may fix a time, not more than sixty (60) days prior to the date of any meeting of the Members or any adjournment thereof, as a record date for the determination of the Members entitled to notice of, or to vote at, such meeting. The Board may similarly fix a record date for the determination of the Members of record for any other purpose. When a determination of the Members of record has been made for purposes of a meeting, the determination shall apply to any adjournment thereof unless the Board fixes a new record date for the adjourned meeting.

Section 6.5 Notice of Meetings of Members

Notice of meetings of Members and meetings of Quadrants and Segments to elect or remove Directors or EC Members, or to amend their Exhibits, shall be given in the manner described in Article 11 of the Bylaws. When a meeting of the Members is adjourned, it shall not be necessary to give any notice of the adjourned meeting or of the business to be transacted at an adjourned meeting, other than by announcement at the meeting at which such adjournment is taken, unless the Board fixes a new record date for the adjourned meeting or the Act requires notice of the business to be transacted and such notice has not previously been given.

Section 6.6 Quorum

The quorums for meetings of Voting Members shall be as described in Article V, Section 2 of the Certificate. The quorums may be determined by counting attendance in person or by proxy. The Voting Members present at a duly organized meeting can continue to do business until adjournment, notwithstanding the withdrawal of enough Members to leave less than a quorum. If a meeting cannot be organized because a quorum has not attended, those present may, except as otherwise provided in the Act, adjourn the meeting to such time and place as they may determine.

Section 6.7 Adjournment

Adjournments of any meeting of the Members may be taken.

Deleted: GISB/

Section 6.8 Organization

At every meeting of the Members, the Board Chair, or in his or her absence, the Board Vice Chair, or in the absence of the Board Chair and the Board Vice Chair, the Board Second Vice Chair or the Board Third Vice Chair, etc., respectively, together representing each of the Quadrants within the Board, or a chair chosen by the Members, shall act as chair. The Secretary, or in his or her absence, a person appointed by the chair, shall act as secretary.

Section 6.9 Voting on Particular Issues

Article V, Sections 3 and 4 of the Certificate describe the voting procedures and the number of votes required for adoption and approval for particular issues with respect to NAESB.

ARTICLE 7 - BOARD

Section 7.1 Board

The business and affairs of NAESB shall be managed by the Board. The powers of NAESB shall be exercised by, or under the authority of, the Board except as otherwise provided by statute, the Certificate or these Bylaws. Specific powers and duties are delegated to the EC by Article III, Section 5 of the Certificate. The Board may delegate such other powers to the EC, as it deems appropriate if such delegation is consistent with the Certificate.

Section 7.2 Qualifications of Directors

Each Director shall be a natural person at least eighteen (18) years of age who need not be a resident of Delaware and who shall be a Voting Member, or a partner in, or an officer, employee or agent of, a Voting Member.

Section 7.3 Number and Election of Directors

The Board shall consist of representatives of the Quadrants, each Quadrant determining the number of Directors who shall occupy seats on the Board, except that every Segment of a Quadrant shall be represented by at least one Director. Regardless of the number of Directors elected from each Quadrant, no Quadrant shall be entitled to cast a vote greater than the percentage that its Quadrant represents in relation to the total number of Quadrants represented on the Board at a given time. Each Segment within a Quadrant shall be represented by an equal number of Directors, to be determined by that Quadrant. The procedures for electing the

Deleted: GISB/

Directors shall be as specified in each Quadrant's Exhibit. Each Quadrant shall communicate the timing of its election of Directors.

Section 7.4 Term of Office

(a) The term of office of a Director shall be for a period set by the Quadrant, not less than 1 year, not to exceed three years. Quadrants may elect Directors for varying terms. Directors may be reelected to subsequent terms.

(b) Each Director shall hold office during his or her term until the earliest of: (i) the expiration of the term for which he or she was elected and until his or her successor has been elected and qualified, (ii) the Director's resignation of his or her Voting Membership (if the Director is the Voting Member as an individual) or the lapse of the Director's Voting Membership for delinquency in membership fee payment, (iii) the resignation or lapse (through delinquency in membership fee payment) of Voting Membership of the entity of which the Director is a partner, officer, employee or agent, or (iv) the Director's death, resignation, or removal.

Section 7.5 Vacancies

Vacancies in the Board resulting from the circumstances described in Subsections 7.4(b)(ii), (iii) or (iv) above shall be filled by the Quadrant and Segment in which the vacancy occurs, in accordance with the procedures specified in that Quadrant's Exhibit.

Section 7.6 Removal of Directors

Procedures for removal of Directors representing a Quadrant and Segment are contained in the pertinent Exhibit.

Section 7.7 Resignations

Any Director may resign at any time by giving written notice to the Secretary. The resignation shall be effective upon receipt by NAESB or at such subsequent time as may be specified in the notice of resignation.

Section 7.8 Board Committees

(a) The Board, by Majority vote of the entire Board, may establish, by means of resolutions to be attached hereto, committees of the Directors. The resolutions shall

Deleted: (a)
Formatted: Bullets and Numbering
Deleted: GISB/

describe the powers and authorities of each committee, require each committee to adopt procedures, and provide opportunity for Directors from each Quadrant and Segment to participate in the committee's work.

(b) There shall be a Managing Committee, consisting of the chair, the vice chairs of each Quadrant, the past chairs (if a member of the Board), the Executive Director, and the General Counsel. It shall have the authority of the Board between Board meetings, subject to the limitations placed upon it by the Board; however it shall have no authority to amend the Certificate or the Bylaws. The Executive Director and the General Counsel shall be non-voting members of the committee.

(c) There shall be a Parliamentary Committee, consisting of members of the Board with at least two Directors from each Quadrant. The function of the Parliamentary Committee is to address issues related to corporate governance, including, but not limited to, the Certificate of Incorporation, the Bylaws and the Operating Procedures. Members of the Parliamentary Committee shall be appointed by the Chair of the Board, who shall serve as the chair of this committee.

Section 7.9 Advisory Council

The Board shall establish a standing Advisory Council, to be known as the "NAESB Advisory Council." The Advisory Council shall be composed of not more than twenty-five (25) persons who shall be knowledgeable about the issues involved in carrying out the purposes, scope and activities of NAESB. The membership of the Advisory Council should be rotated from time to time, and should reflect participation by federal, state and local agencies; public interest groups; non-profit research organizations; and similar organizations. The Advisory Council shall develop its own procedures consistent with the general guidance of the Board and not inconsistent with the Certificate. The Advisory Council shall advise both the Board and EC.

Deleted: immediate

Deleted: President and

Deleted:

Deleted: b

Deleted: GISB/

ARTICLE 8 - OFFICERS

Section 8.1 Number

The officers of NAESB shall include a Chair, and up to three Vice Chairs (each representing a different Quadrant within the Board), a Secretary, a Treasurer, an Assistant Treasurer, and an Executive Director. The officers may include one or more Assistant Secretaries, other Assistant Treasurers, and such other officers as the Board may determine by resolution. Any number of offices may be held by the same person.

Section 8.2 Qualifications of Officers of NAESB

The officers shall be natural persons at least eighteen (18) years of age who are Directors, except that the Executive Director, Secretary, Assistant Secretaries and Assistant Treasurers need not be Directors.

Section 8.3 Election and Term of Office

The officers of NAESB shall be elected by the Board at any meeting of the Board. Each officer except for the Executive Director, Assistant Secretaries and Assistant Treasurers shall serve for a term of one (1) year and until his or her successor begins his or her term, or until his or her earlier death, resignation, or removal, or lapse of Director status pursuant to Subsections 7.4(b)(ii),(iii) or (iv) or Section 7.6. On expiration of the terms of the officers of NAESB, the Vice Chair shall become the Chair, the Second Vice Chair shall become the Vice Chair, the Third Vice Chair shall become the Second Vice Chair, and the Board shall elect a new Third Vice Chair. The new Third Vice Chair shall be elected in the following order of rotation, which shall be repeated indefinitely: Gas Wholesale, Electric Retail, Electric Wholesale, and Gas Retail. If no Director representing a Quadrant is willing to serve as Third Vice Chair when the rotation turns to that Quadrant, the Board shall elect a Third Vice Chair from among its remaining Directors, and the rotation shall continue thereafter as though a Director representing the Quadrant had in fact served as Third Vice Chair.

Section 8.4 Removal of Officers

Any officer may be removed by action of a Majority of the Directors whenever in their judgment the best interests of NAESB will be served. Such removal shall be without prejudice to the contract rights, if any, of any person so removed.

Section 8.5 Resignations

Any officer may resign at any time by giving written notice to the Secretary. The resignation shall be effective upon receipt by the Secretary or at such subsequent time as may be specified in the notice of resignation.

Section 8.6 The Chair

The Chair shall be the chief executive officer of NAESB and shall have general supervision over the business and operations of NAESB, subject to the control of the Board. The Chair shall chair all meetings of the Board and the Members. The Chair shall execute in the name of NAESB, deeds, mortgages, bonds, contracts, and other instruments to the extent authorized by the Board, except in cases where the execution thereof shall be expressly delegated by the Board to some other officer or agent of NAESB. In general, the Chair shall perform all duties incident to the office of Chair and such other duties as may be assigned by the Board.

Section 8.7 The Vice Chairs

There shall be a Vice Chair for each Quadrant. In the absence of other Quadrant procedures, the Vice Chair of each Quadrant shall be elected by a simple majority of its respective Quadrant Board members. In the absence or disability of the Chair or when so directed by the Chair, a Vice Chair (in order of precedence) may perform all the duties of the Chair, and, when so acting, shall have all the powers of, and be subject to all the restrictions upon, the Chair. The Vice Chairs shall perform such other duties as may be assigned by the Board or the Chair.

Section 8.8 The Secretary

(a) Unless the Board directs otherwise, the Executive Director shall be the Secretary of NAESB.

Deleted: not more than three Vice Chairs

Formatted: Font: Times New Roman, 12 pt

Formatted: Font: Times New Roman, 12 pt

Deleted: v

Formatted: Font: Times New Roman, 12 pt

Deleted: c

Formatted: Font: Times New Roman, 12 pt

Formatted: Font: Times New Roman, 12 pt

Formatted: Font: Times New Roman, 12 pt

Deleted: GISB/

(b) The Secretary shall attend all meetings of the Board and of the Members. The Secretary shall record all votes of the Board, EC and the Voting Members and the minutes of the meetings of the Board, EC and of the Members in a book or books belonging to NAESB to be kept for that purpose. The Secretary shall see that required notices of meetings of the Board and of the Members are given and that all records and reports are properly kept and filed by NAESB. The Secretary shall be the custodian of the seal of NAESB and shall see that it is affixed to all documents to be executed on behalf of NAESB under its seal. In general, the Secretary shall perform all duties incident to the office of Secretary and such other duties as may be assigned by the Board or the Chair.

(c) In the absence or disability of the Secretary or when so directed by the Secretary, any Assistant Secretary may perform all the duties of the Secretary, and, when so acting, shall have all the powers of, and be subject to all the restrictions upon, the Secretary. Each Assistant Secretary shall perform such other duties as may be assigned by the Board, the Chair, or the Secretary.

(d) To the extent not provided for by the EC, the Secretary shall appoint persons to take minutes of EC Meetings and EC Subcommittee meetings.

Section 8.9 The Treasurer

(a) Unless the Board directs otherwise, the Second Vice Chair shall be the Treasurer. The Executive Director shall be an Assistant Treasurer.

(b) The Treasurer shall be responsible for corporate funds and securities and shall keep full and accurate accounts of receipts and disbursements in books belonging to NAESB. The Treasurer shall have full authority to receive and give receipts for all money due and payable to NAESB, and to endorse checks, drafts, and warrants in its name and on its behalf and to give full discharge for the same. The Treasurer shall deposit all funds of NAESB, except such as may be required for current use, in such banks or other places of deposit as the Board may designate. In general, the Treasurer shall perform all duties incident to the office of Treasurer and such other duties as may be assigned by the Board or the Chair.

Deleted: GISB/

(c) In the absence or disability of the Treasurer or when so directed by the Treasurer, any Assistant Treasurer may perform all the duties of the Treasurer, and, when so acting, shall have all the powers of, and be subject to all the restrictions upon, the Treasurer. Each Assistant Treasurer shall perform such other duties as may be assigned by the Board, the Chair, or the Treasurer.

Section 8.10 The Executive Director

The Executive Director shall be the chief operating officer of NAESB, and be subject to the control of the Board. The Executive Director shall have all powers and duties necessary for managing the day-to-day operating and business affairs of NAESB and directing all activities of NAESB as prescribed by the Board. Unless the Board directs otherwise, the Executive Director shall be the Secretary of NAESB. The compensation of the Executive Director shall be fixed by the Board.

ARTICLE 9 - MEETINGS OF DIRECTORS

Section 9.1 Place of Meetings

The Board may hold its meetings at such places as the Board may appoint or as may be designated in the notice of the meeting. Meetings or portions of meetings may be closed to the public only (and the pertinent minutes withheld from the public) for discussion of paid NAESB employees or their compensation and for litigation matters involving NAESB as a corporate entity.

Section 9.2 Organization

Every meeting of the Board shall be presided over by the Chair, or in the absence of the Chair, a Vice Chair in order of precedence, or in the absence of the Chair and the Vice Chairs, a chair chosen by a majority of the Directors present. The Secretary, or in his or her absence, a person appointed by the chair, shall act as secretary.

Section 9.3 Annual Meeting

Unless the Board provides by resolution for a different time, the annual meeting of the Board shall take place immediately after the annual meeting of the Members. The newly

Deleted: GISB/

constituted Board shall meet without prior notice at the place where the meeting of the Members was held, or at any other place and time designated in a notice given as provided in Article 11, for the purposes of organization, election of officers, and the transaction of other business.

Section 9.4 Regular Meetings

The Board may hold its regular meetings at such place and time as shall be designated by resolution of the Board. If the date fixed for any regular meeting is a legal holiday under the laws of the state in which the meeting will be held, the meeting shall be held on the next succeeding business day or at such other time as may be determined by resolution of the Board. The Board shall transact such business as may properly be brought before its meetings.

Section 9.5 Special Meetings of the Board

The Chair or at least one-third of the Directors may call special meetings of the Board, which shall be held at such time and place as shall be designated in the call for the meeting. Ten (10) days' notice of any special meeting shall be given to each Director pursuant to Article 11 or by telephone. Such notice shall state the time and place of such special meeting and state the matters to be discussed at the special meeting. Action taken at special meetings shall be limited to the matters described in the meeting notice.

Section 9.6 Quorum

The quorum necessary for a meeting of the Board is a majority of the Directors, as described in Article V, Section 1 of the Certificate.

Section 9.7 Participation and Voting in Meetings

(a) One (1) or more Directors may participate in a meeting of the Board or a committee thereof by means of conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other.

(b) Each Director shall be entitled to one (1) vote.

(c) Article V, Sections 1 and 3 of the Certificate describe the voting procedures and the number of votes required for adoption or approval for particular issues with respect to NAESB.

Deleted: GISB/

(d) No substitutes shall be permitted to vote at Board meetings.

(e) Notational voting by Directors is proper in the following circumstances and pursuant to the following procedures:

(i) In lieu of meeting: The Chair may request that any vote or action be taken by the Board without a meeting and without unanimous consent, and such action may be taken if approved by the appropriate voting levels specified in Article V of the Certificate. Notice of the Chair's request shall be given to all Directors in the manner specified in Article ll of the Bylaws.

(ii) During meetings: Notational votes from a Director not in attendance shall be accepted and counted at a Board meeting with respect to any resolutions circulated in writing in advance of a Board meeting; provided, however, that if substantive changes are made in a resolution at the Board meeting such advance notational votes shall not be counted with respect to that resolution, but the procedures specified in (iii) below should be used.

(iii) Following a meeting: The Board shall indicate whether, and if so for how long, notational votes will be accepted after a meeting relating to particular issues voted on at that meeting.

(f) While Board Members may participate and vote by means of teleconference or other electronic means, eligibility to continue serving as a Board member is dependent upon in-person attendance at no less than 25% of scheduled Board Meetings and participation in at least 75% of such meetings. Such attendance/participation threshold shall be reviewed at March 31 and September 30 of each year for the preceding twelve months.

ARTICLE 10 - EXECUTIVE COMMITTEE

Section 10.1 Duties and Responsibilities

The EC shall have the duties and responsibilities described in Article III, Section5 of the Certificate.

Deleted: GISB/

Section 10.2 EC Members

(a) The EC shall consist of representatives of the Quadrants, with each Quadrant determining the number of EC Members representing that Quadrant. Regardless of the number of EC members elected from each Quadrant, no Quadrant shall be entitled to cast a vote greater than the percentage that its Quadrant represents in relation to the total number of Quadrants represented on the EC. Each Segment within a Quadrant shall be represented by an equal number of EC Members, to be determined by that Quadrant. The procedures followed for electing the EC members shall be those specified in that Quadrant's Exhibit.

(b) The term of office of an EC member shall be for a period set by the Quadrant, not less than 1 year, not to exceed three years. Each Quadrant will determine the terms for their EC members. EC member terms may vary between Quadrants. EC members may be reelected to subsequent terms. Each EC Member shall hold office during his or her term until the earliest of: (i) the expiration of the term for which he or she was elected and until his or her successor has been elected and qualified, (ii) the EC Member's resignation of his or her Voting Membership (if the EC Member is the Voting Member as an individual) or the lapse of the EC Member's Voting Membership for delinquency in membership fee payment, (iii) the resignation or lapse (through delinquency in membership fee payment) of Voting Membership of the entity of which the EC Member is a partner, officer, employee or agent, or (iv) the EC Member's death, resignation, or removal.

(c) Each EC Member shall be a natural person at least eighteen (18) years of age who need not be a resident of Delaware and who shall be a Voting Member, or a partner in, or an officer, employee or agent of, a Voting Member.

(d) Vacancies in the EC resulting from the circumstances described in Subsections 10.2 (b)(ii), (iii), or (iv) above or described in Section 10.2(d) below shall be filled by the Segment in which the vacancy occurs, in accordance with the procedures specified in that Quadrant's Exhibit.

Deleted: GISB/

(e) Procedures for removal of EC Members representing a Segment are contained in the pertinent Quadrant's Exhibit.

(f) Any EC Member may resign at any time by giving written notice to NAESB. The resignation shall be effective upon receipt by the Secretary or at such subsequent time as may be specified in the notice of resignation.

Section 10.3 EC Organization

(a) The EC shall elect from among its members an EC Chair, and up to three vice-chairs (each representing a different Quadrant within the EC). Each of these officers shall serve for a term of one (1) year and until his or her successor has been elected and qualified, or until his or her earlier death, resignation, or removal. The EC may appoint a secretary.

(b) Every meeting of the EC shall be presided over by the EC Chair, an EC Vice Chair (in order of precedence) or, in the absence of the EC Chair and EC Vice Chairs, a chair chosen by a Majority of the EC Members present.

(c) A majority of the EC may remove the EC Chair or an EC Vice Chair from his or her position whenever in its judgment the best interests of the EC or NAESB will be served thereby.

(d) The EC Chair and EC Vice Chairs may resign at any time by giving written notice to the NAESB Secretary. The resignation shall be effective upon receipt by the NAESB Secretary or at such subsequent time as may be specified in the notice of resignation.

(e) The EC shall divide itself into Quadrants to consider Standards and Model Business Practices. The number of Quadrants considering a particular Standard or a particular Model Business Practice shall be determined by the EC as a whole, acting upon requests presented to it through the Triage Process.

(f) By a Majority vote, the EC shall assign responsibility to one or more Quadrants to address each request for a proposed Standard or a proposed Model Business Practice, at the conclusion of the Triage Process. The Quadrant(s) assigned such

Deleted: GISB/

responsibility shall process the request and vote on the ultimate recommendation. Only the members of the Quadrant(s) to which the request has been assigned may vote to ratify actions taken to approve a Standard or a Model Business Practice. Any Standard or Model Business Practice adopted by a Quadrant(s) shall apply only to the activities of the energy sector covered by that Quadrant(s). .

(g) As part of the Triage Process, the EC may direct that two or more Quadrants jointly consider a request for proposed Standards or proposed Model Business Practices. In such event, the indicated Quadrants of the EC shall jointly act on the recommendation (and in so doing, may appoint joint subcommittees or task forces to assist in such consideration) and, if applicable, the members of the affected Quadrants shall act on ratification of the Standards or Model Business Practices. To the extent that multiple Quadrants, having jointly considered Standards or Model Business Practices, cannot reach agreement on such Standards or Model Business Practices, the EC representatives of any of the participating Quadrants may, by a Majority vote, instruct the subcommittee to provide a status report. After receiving the status report, the EC representatives from any of the participating Quadrants may request the EC to re-triage the request for a proposed Standard or proposed Model Business Practice to allow a Quadrant(s) to proceed independently.

(h) Any Quadrant(s) that believes that it is affected by a Standard or Model Business Practice adopted by any other Quadrant(s) of the EC may seek Reconsideration of the assignment of such proposed Standard or Model Business Practice.

(i) Within 30 days after the publication of the meeting minutes recording the EC vote to approve a proposed Standard or Model Business Practice, any Quadrant(s) that believes itself to be affected by such action shall so indicate in a resolution adopted by a Majority vote of the EC of such Quadrant(s), which shall be forwarded by the NAESB office to the EC Chair and the entire EC.

(ii) Within 30 days of notice to the EC of such affirmative vote, the EC shall enter a Reconsideration action on the agenda for its next meeting. A

Deleted: GISB/

Reconsideration action shall pass if a Majority of each Quadrant of the EC that did not vote to adopt the recommended Standard or Model Business Practice now votes in favor of Reconsideration.

(iii) In the event the Reconsideration action passes, an affected Quadrant and any other Quadrants that were assigned the request for a proposed Standard or proposed Model Business Practice as a result of the initial Triage Process shall jointly consider such request for a proposed Standard or a proposed Model Business Practice as described in Section 103 (g) of these Bylaws.

(iv) If the Reconsideration action fails, the Quadrant(s) that adopted the recommendation for a proposed Standard or a proposed Model Business Practice shall proceed with ratification of such proposals by the members of such Quadrant(s).

(i) The ratification of a Standard or Model Business Practice requires a 67% approval of the members of each of the applicable Quadrant(s) returning ballots.

(j) Minutes shall be kept of all EC and EC Subcommittee meetings and forwarded to the NAESB Secretary.

Section 10.4 Meetings

(a) The EC as a whole, or the EC for individual Quadrant(s), may hold regular meetings at such place and time as shall be designated by resolution of the EC as a whole or the EC for individual Quadrants, as applicable.

(b) Quadrant ECs will make all reasonable efforts to coordinate the times and locations of their meetings such that meetings which occur on concurrent or consecutive days will be in close physical proximity, facilitating attendance of multiple meetings by EC members, individual NAESB members of any Quadrant, or other interested parties.

(c) The EC Chair or at least one-third of the EC members may call special meetings of the EC which shall be held at such time and place as shall be designated in the call for the meeting. At least five (5) days' notice of any special meeting shall be

Deleted: GISB/

given to each EC Member pursuant to Section 11.1 or by telephone. Such notice shall state the time and place of such special meeting and state the matters to be discussed at the special meeting. Action taken at special meetings shall be limited to the matters described in the meeting notice.

(d) The quorum necessary for EC meetings is a majority, as set forth in Article V of the Certificate.

(e) Each EC Member shall be entitled to one (1) vote.

(f) Article V, Section 4 of the Certificate describes the EC voting procedures and number of votes required for adoption or approval for particular issues with respect to NAESB.

(g) Each EC Member may participate and vote in EC meetings by proxy. Every proxy shall be executed in writing by the EC Member or by his or her duly authorized attorney in fact and filed with the Secretary of NAESB. A proxy shall be revocable at will, notwithstanding any other agreement or any provision in the proxy to the contrary. The revocation of a proxy shall not be effective until notice thereof has been given to the Secretary of NAESB. A proxy shall not be revoked by the death or incapacity of the maker unless, before the vote is counted or the authority is exercised, written notice of such death or incapacity is given to the Secretary of NAESB. Proxies may be limited in scope to the specific matters described in the agenda for the meeting. The voting directions contained in a proxy shall be read by the EC Chair at the beginning of the meeting.

(h) One (1) or more EC Members may participate in a meeting of the EC or a committee thereof by means of conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other.

(i) No substitutes shall be permitted to vote at EC meetings. However, a Designated Alternate may vote at meetings of the EC in place of an absent EC Member from a given Segment. A Designated Alternate is defined as a person named in a list by the Segment that is received by the EC Secretary at least five (5) days prior to

Deleted: GISB/

the pertinent meeting of the EC. Each Segment's list shall be developed, amended and structured in the manner described in that Quadrant's Exhibit. A Designated Alternate has all voting rights of the EC Member in whose place he or she serves, except for those matters on which the EC Member has already voted by proxy prior to the beginning of a meeting.

(j) While EC Members may participate and vote by means of teleconference or other electronic means, eligibility to continue serving as an EC member is dependent upon in-person attendance at no less than 25% of scheduled EC Meetings and participation in at least 75% of such meetings. Such attendance/participation threshold shall be reviewed at March 31 and September 30 of each year for the preceding twelve months..

(k) Notational voting by EC Members is proper in the following circumstances and pursuant to the following procedures:

(i) In lieu of meeting: The EC Chair may request that any vote or action be taken by the EC without a meeting and without unanimous consent, and such action may be taken if approved by the appropriate voting levels specified in Article V of the Certificate. Notice of the EC Chair's request shall be given to all EC Members in the manner specified in Article ll of these Bylaws.

(ii) During meetings: Notational votes from an EC Member that is not present shall be accepted and counted at an EC meeting with respect to any resolutions circulated in writing in advance of an EC meeting; provided, however, that if substantive changes are made in a resolution at the EC meeting such advance notational votes shall not be counted with respect to that resolution, but the procedures specified in (iii) below should be used.

(iii) Following a meeting: The EC shall indicate whether, and if so for how long, notational votes will be accepted after a meeting relating to particular issues voted on at that meeting.

Deleted: GISB/

Section 10.5 EC Subcommittees

(a) The EC may establish subcommittees to be comprised of Members and other interested parties who have the opportunity to participate. Each EC Subcommittee shall employ Balanced Voting. Each EC Subcommittee shall report to, and serve at the pleasure of, the EC. EC Subcommittees shall each:

(i) elect a chair or co-chair, which shall be an EC Member and will serve until removed by the subcommittee's membership;

(ii) carry out its work in accordance with the procedures adopted by the EC for EC Subcommittees; and

(iii) keep regular minutes of its proceedings and provide copies of these minutes promptly to the Secretary.

Any task forces established by EC Subcommittees shall be comprised of Members and other interested parties.

(b) There shall be a Triage Subcommittee of the EC with one representative from each Segment within each Quadrant. The Triage Subcommittee shall review and recommend disposition of each request received by NAESB for a Standard, or Model Business Practice. Disposition shall mean scope, priority consistent with the Annual Plan, and assignment to a Quadrant(s) and subcommittee(s) for action. The Chair of the EC shall consult with individual Segments to appoint the members of the Triage Subcommittee and shall as also appoint its chair.

ARTICLE 11 - NOTICE

Section 11.1 Written Notice

(a) Whenever written notice is required to be given to any person, it may be given to the person, either personally or by sending a copy by first class or express mail, postage prepaid, or courier service, charges prepaid, or by telegram (with messenger service specified), telex or TWX (with answer back received), electronic mail (or its equivalent), or by facsimile transmission, to his or her

Deleted: GISB/

address or to his or her telex, TWX, electronic mail address or facsimile number appearing on the books of NAESB, in the case of Directors or EC Members, supplied by him or her to NAESB for the purpose of notice. If the notice is sent by mail, telegraph or courier service, it shall be deemed to have been given when deposited in the United States mail or with a telegraph office or courier service for delivery to that person or, in the case of telex or TWX, when dispatched. A notice of meeting shall specify the place, day and hour of the meeting and any other information required by the Act. Except as otherwise provided by the Act or these Bylaws, when a meeting is adjourned, it shall not be necessary to give any notice of the adjourned meeting, or of the business to be transacted at an adjourned meeting, other than by announcement at the meeting at which such adjournment is taken.

(b) Notices given shall comply with the provisions of Article VI, Sections 1 and 3 of the Certificate.

Section 11.2 Waiver by Writing

Whenever any written notice is required to be given, a waiver in writing, signed by the person or persons entitled to the notice, whether before or after the time stated, shall be deemed equivalent to the giving of the notice.

Section 11.3 Waiver by Attendance

Attendance of a person at any meeting shall constitute a waiver of notice of the meeting except where a person attends a meeting for the express purpose of objecting, at the beginning of the meeting, to the transaction of any business because the meeting was not lawfully called or convened.

ARTICLE 12 - CONFLICTS OF INTEREST

Section 12.1 Interested Directors and Officers

No contract or transaction between NAESB and one (1) or more of its Members, Directors, or officers or between NAESB and any other corporation, partnership, association, or

Deleted: GISB/

other organization in which one (1) or more of its Directors or officers are directors or officers, or have a financial interest, shall be void or voidable solely for such reason, or solely because the Member, Director, or officer is present at or participates in the meeting of the Board or committee thereof which authorizes the contract or transaction, or solely because his, her, or their votes are counted for that purpose, if:

(a) the material facts as to the relationship or interest and as to the contract or transaction are disclosed or are known to the Board or the committee thereof and the Board or committee thereof in good faith authorizes the contract or transaction by the affirmative votes of a majority of the disinterested Directors even though the disinterested Directors are less than a quorum;

(b) the material facts as to his or her relationship or interest and as to the contract or transaction are disclosed or are known to the Members entitled to vote thereon, if any, and the contract or transaction is specifically approved in good faith by vote of such Members; or

(c) the contract or transaction is fair as to NAESB as of the time it is authorized, approved, or ratified by the Board or the Members.

Common or interested Directors may be counted in determining the presence of a quorum at a meeting of the Board or of a committee thereof, which authorizes the contract or transaction. NAESB's adoption of a Standard shall not constitute a "contract or transaction" within the meaning of this section.

ARTICLE 13 - LIMITATION OF LIABILITY; INSURANCE

Section 13.1 Limitation of Liability

Article III, Section 6 of the Certificate contains limits on personal liability of Directors, EC Members and other persons acting for NAESB, and these limitations are incorporated herein by reference. Any repeal or amendment of Section 13.1 shall be prospective only and shall not increase, but may decrease, a Director's liability with respect to actions or failures to act occurring prior to such change.

Deleted: GISB/

Section 13.2 Insurance

NAESB shall purchase and maintain insurance on behalf of any person who is or was a NAESB Director or NAESB Officer and, to the extent approved by the Board, on behalf of EC Members, employees or agents of NAESB or on behalf of persons now or previously serving at the request of NAESB as a director, officer, employee or agent of another domestic or foreign corporation for profit or not-for-profit, partnership, joint venture, trust, or other enterprise against any liability asserted against him or her and incurred by him or her in any such capacity, or arising out of his or her status as such, whether or not NAESB would have the power to indemnify him or her against that liability under the Act.

ARTICLE 14 - INDEMNIFICATION

Section 14.1 Representative Defined

For purposes of Article 14, "representative" means any Director, officer, employee, or agent of NAESB.

Section 14.2 Third-Party Actions

NAESB shall indemnify, to the full extent not prohibited by law, any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of NAESB), by reason of the fact that he or she is or was a representative of NAESB, or is or was serving at the request of NAESB as a representative of another domestic or foreign corporation for profit or not-for-profit, partnership, joint venture, trust, or other enterprise, against expenses (including attorneys' fees), judgments, fines, and amounts paid in settlement actually and reasonably incurred by him or her in connection with the action, suit or proceeding if he or she acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of NAESB and, with respect to any criminal action or proceeding, had no reasonable cause to believe his or her conduct was unlawful. The termination of any action, suit or proceeding by judgment, order, settlement, or conviction or upon a plea of nolo contend ere or its equivalent shall not of itself create a presumption that the person did not act in good faith and in a manner that he or she reasonably believed to be in, or not opposed to, the best

Deleted: GISB/

interests of NAESB and, with respect to any criminal action or proceeding, had reasonable cause to believe that his or her conduct was unlawful.

Section 14.3 Derivative and Corporate Actions

NAESB shall indemnify, to the full extent not prohibited by law, any person who was or is a party, or is threatened to be made a party, to any threatened, pending or completed action or suit by or in the right of NAESB to procure a judgment in its favor by reason of the fact that he or she is or was a representative of NAESB or is or was serving at the request of NAESB as a representative of another domestic or foreign corporation for profit or not-for profit, partnership, joint venture, trust, or other enterprise, against expenses (including attorneys' fees) actually and reasonably incurred by him or her in connection with the defense or settlement of the action or suit if he or she acted in good faith and in a manner he or she reasonably believed to be in, or not opposed to, the best interests of NAESB. Indemnification shall not be made under Section 14.3 in respect of any claim, issue or matter as to which the person has been adjudged to be liable to NAESB unless and only to the extent that the Court of Chancery or the court in which the action or suit was brought determines upon application that, despite the adjudication of liability but in view of all the circumstances of the case, such person is fairly and reasonably entitled to indemnity for such expenses that the Court of Chancery or other court shall deem proper.

Section 14.4 Procedure for Effecting Indemnification

Unless ordered by a court, any indemnification under Section 14.2 or Section 14.3 shall be made by NAESB only as authorized in the specific case upon a determination that indemnification of the representative is proper in the circumstances because he or she has met the applicable standard of conduct set forth in those Sections. The determination shall be made:

(a) by the Board by a majority vote of a quorum consisting of Directors who were not parties to the action, suit or proceeding; or

(b) if such a quorum is not obtainable or if obtainable a quorum of disinterested Directors so directs, by independent legal counsel in a written opinion.

Deleted: GISB/

Section 14.5 Advancing Expenses

Expenses (including attorneys' fees) incurred in defending any action, suit or proceeding referred to in Article 14 may be paid by NAESB in advance of the final disposition of the action, suit or proceeding upon receipt of an undertaking by or on behalf of the representative to repay the amount if it is ultimately determined that he or she is not entitled to be indemnified by NAESB as authorized in this Article or otherwise.

Section 14.6 Supplementary Coverage

The indemnification and advancement of expenses provided by or granted pursuant to Article 14 shall not be deemed exclusive of any other rights to which a person seeking indemnification or advancement of expenses may be entitled under any bylaw, agreement, vote of the Members or disinterested Directors, or otherwise, both as to action in his or her official capacity and as to action in another capacity while holding that office. Section 12.1 (relating to interested Directors or officers) shall be applicable to any bylaw, contract, or transaction authorized by the Directors under this Section 14.6.

Section 14.7 Duration and Extent of Coverage

The indemnification and advancement of expenses provided by or granted pursuant to Article 14 shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a representative of NAESB and shall inure to the benefit of the heirs and personal representatives of that person.

Section 14.8 Reliance and Modification

Each person who shall act as a representative of NAESB shall be deemed to be doing so in reliance upon the rights provided by Article 14. The duties of NAESB to indemnify and to advance expenses to a representative provided in Article 14 shall be in the nature of a contract between NAESB and the representative. No amendment or repeal of any provision of this Article shall alter, to the detriment of the representative, his or her right to the advance of expenses or indemnification related to a claim based on an act or failure to act which took place prior to such amendment or repeal.

ARTICLE 15 - ANNUAL REPORT

Section 15.1 Annual Report

The Board shall present annually to the Members a report, verified by the Board Chair and Treasurer or by a majority of the Board, describing the activities and accomplishments of NAESB and containing a financial report addressing at least the following matters:

(a) The assets and liabilities, including the trust funds, of NAESB as of the end of the fiscal year immediately preceding the date of the report.

(b) The principal changes in assets and liabilities, including the trust funds, during the year immediately preceding the date of the report.

(c) The revenue or receipts of NAESB, both unrestricted and restricted to particular purposes, for the year immediately preceding the date of the report, including separate data with respect to each trust fund held by or for NAESB.

(d) The expenses or disbursements of NAESB, for both general and restricted purposes, during the year immediately preceding the date of the report, including separate data with respect to each trust fund held by or for NAESB.

(e) The number of Members of NAESB as of the date of the report, together with a statement of increase or decrease in such number during the year immediately preceding the date of the report, and a statement of the place where the names and addresses of the current Members may be found.

The annual report of the Board shall be filed with the minutes of the meetings of the Members.

ARTICLE 16 - TRANSACTION OF BUSINESS

Section 16.1 Real Property

NAESB shall make no purchase of real property nor sell, mortgage, lease away or otherwise dispose of its real property, unless authorized by the vote of the Board. If the real

Deleted: GISB/

property is subject to a trust, the conveyance away shall be free of trust and the trust shall be impinged upon the proceeds of such conveyance.

Section 16.2 Negotiable Instruments

All checks or demands for money and notes of NAESB shall be signed by such officer or officers as the Board may designate.

ARTICLE 17 - CORPORATE RECORDS

Section 17.1 Corporate Records

NAESB shall keep at its registered office or at its principal place of business: (a) a copy of the Certificate, including all amendments thereto; (b) the original or a copy of its Bylaws, including all amendments thereto to date, certified by the Secretary of NAESB; (c) an original or duplicate record of the proceedings of the Board; (d) an original or duplicate record of the proceedings of the EC; (e) an original or a duplicate membership register showing the names of the Members, their respective addresses, and other details of membership, and (f) appropriate, complete, and accurate books or records of account.

ARTICLE 18 - AMENDMENTS

Section 18.1 Amendments

The Bylaws of NAESB may be amended by the Board in the manner described in the Certificate. Each Quadrant's Exhibit may be adopted or amended by majority vote of the Directors representing that Quadrant or as may be specified in the procedures contained in that Quadrant's Exhibit. Votes on consistency of Quadrant procedures with the Certificate and Bylaws are in the manner described in Article V, Section 5 of the Certificate.

Deleted: ARTICLE 19 – TRANSITION PROCEDURES¶
Section 19.1 Officers of the Board¶
NAESB will be going through a transition process during the period immediately after adoption of these Bylaws. To ease such transition, executive authority shall be exercised by the existing officers of NAESB until such time as the newly constituted Board shall meet and determine upon a different organization, consistent with these Bylaws. In the absence of affirmative action on the part of a fully constituted Board (consisting of at least three Quadrants), the existing officers shall remain in their positions until new officers are installed following the next scheduled election.¶
Section 19.2 Officers of the EC¶
EC authority shall be exercised by the existing EC officers until such time as the newly constituted EC shall meet and elect a different slate of officers in accordance with these Bylaws. In the absence of a change of officers by a fully constituted EC (consisting of at least three Quadrants), the existing officers shall remain in their positions until new officers are installed following the next scheduled election.¶
Section 19.3 Procedures to Constitute Board & EC Representation¶
Both the Board and the EC will be expanded to include the elected representatives of new Quadrants within 30 days of the completion of the following Quadrant formation activities:¶
(a) Approval of Quadrant and Segment By-laws or procedures by the existing Board.¶
(b) Completion of a minimum of 30 day recruiting period to solicit and enroll new members.¶
(c) An initial meeting of the membership of a Quadrant.¶
(d) Election of Board and EC representatives by the Quadrant.¶

Deleted: GISB/

936
937
938
939
940
941

942 **EXHIBIT 1**

943 **WHOLESALE GAS QUADRANT PROCEDURES**

944

945

946

947

948

949

950 **EXHIBIT 2**

951 **WHOLESALE ELECTRIC QUADRANT PROCEDURES**

Deleted: GISB/

952

953

954

955

956

957

958 **EXHIBIT 3**

959 **RETAIL GAS QUADRANT PROCEDURES**

960
961
962
963
964
965

966 **EXHIBIT 4**

967 **RETAIL ELECTRIC QUADRANT PROCEDURES**

968

Deleted: GISB/

RULES OF PROCEDURE

I. Introduction

The North American Energy Standards Board (NAESB), established in January 2002, is the successor to the Gas Industry Standards Board.[1] NAESB supports all four quadrants of the gas and electric industries—wholesale gas, wholesale electricity, retail gas, and retail electricity—and recognizes the ongoing convergence of the gas and electric businesses by ensuring that its standards receive the input of all industry quadrants when appropriate.

NAESB is governed by its Board of Directors and officers. While government agencies often provide guidance to NAESB by requesting that standards be adopted, it is the industry itself that develops the standards the industry will implement. This relationship between NAESB and government agencies constitutes an effective public-private partnership that benefits both government and industry.

II. Mission and Guiding Principles

NAESB's certificate of incorporation states, "The objects and purposes of NAESB are to propose and adopt voluntary standards and model business practices[2] designed to promote more competitive and efficient natural gas and electric service, as such standards apply to electronic data interchange (EDI) record formats and communications protocols and related business practices that streamline the transactional processes of the natural gas and electric industries."

The following principles guide NAESB's activities[3]:

Independence. NAESB is an independent body. While it may have informal liaisons with trade associations, other standards organizations, and government agencies, it is a separately incorporated, fully independent organization.

Openness. NAESB conducts its activities in the open. Openness applies to all aspects of its governance, elections, and standards development procedures, including work products and related meetings. Meetings, agendas, and items set for discussion and/or vote are publicly noticed, and interested parties, regardless of whether they are NAESB members, have the opportunity to participate.

Voluntary. Participation in NAESB is voluntary and adherence to its standards, from NAESB's perspective, is also voluntary. Membership in NAESB is not dependent on whether a company implements NAESB standards, and NAESB does not have an enforcement mechanism.

Balance of Interests. Voting with respect to governance, standards, and operating procedures provides for balance among industry quadrants and segments so that no interest group or groups have undue influence over any decision.

Inclusivity. All interested parties have the opportunity to participate in and join NAESB. All participants should be associated with a segment and quadrant.

---

[1] The Gas Industry Standards Board (GISB) was incorporated in September 1994 to develop standards for the wholesale natural gas market. When NAESB was established in January 2002, GISB became the wholesale gas quadrant of the new organization and went out of existence as a separate entity.

[2] For purposes of the discussion herein, "standards" and "model business practices are used interchangeably. They are defined the same in Section 1.1 of the Bylaws.

[3] The explanation provided herein is intended to acquaint interested persons with how NAESB operates in a straightforward non-legalese way. In the event there is an inconsistency between the substance of what is stated herein and the certificate and bylaws of NAESB, the terms of the certificate and bylaws control.

Deleted: March 20, 2003

Consensus-Based Decisions. NAESB's voting rules encourage consensus-based decisions. In addition, requirements that standards need supermajorities and minimum votes per segment in order to be passed ensure that quadrant and segment interests are protected.

No Advocacy. NAESB does not take advocacy positions on its standards as a party to any proceeding before a government agency. NAESB's duly authorized representatives, however, are not precluded from communicating with or educating anyone about NAESB's procedures and/or work products.

Industry Driven. NAESB is industry driven. Standards may be proposed by any interested party. Staff members have neither a vote nor a role with respect to conducting NAESB affairs other than to perform administrative functions.

Develop Practices, Not Policy. NAESB's committees, subcommittees, and task forces avoid creating policy in their standards development activities absent a request by the Board.

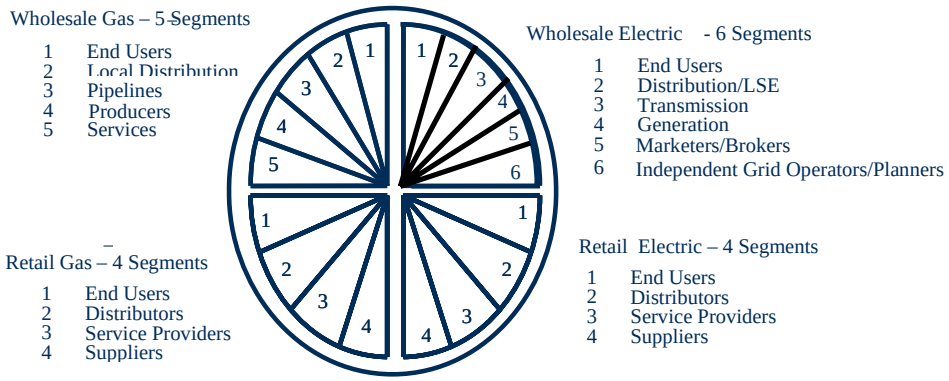
Incorporate Best Practices. To the extent reasonable, NAESB standards reflect the best practices among existing and reasonably anticipated policies and procedures.

Broad Applicability. Standards are structured, to the extent reasonable, to be applicable to both the electric and the natural gas industries, and the industries work together to develop joint standards where appropriate. However, where operating requirements dictate the need for different approaches, standards are established separately by quadrant(s).

ANSI Accreditation. NAESB is an accredited American National Standards Institute Standards Development Organization.

III. Description of the Organization

NAESB is organized by quadrants and, within quadrants, by segments. Each NAESB member belongs to one or more of the four quadrants: wholesale electric (WEQ), wholesale gas (WGQ), retail electric (REQ), and retail gas (RGQ). Each quadrant determines the number and composition of its segments and how many representatives it will have on the Board of Directors and Executive Committee.



A. Board of Directors

The Board of Directors meets en banc throughout the year. It determines and approves the annual budget of NAESB and its quadrants, sets the overall strategic direction of the organization,

Deleted: March 20, 2003

approves each quadrant's annual plan for standards development and maintenance, and determines all governance issues.

The proceedings of all Board meetings are transcribed. All decisions by the Board are made en banc; at the Board level, the quadrants do not operate separately. Each quadrant represented on the Board has 25 percent of the decision-making authority, regardless of the actual number of Board members that represent the quadrant. For all decisions other than changes to the certificate or bylaws, a simple majority is needed for passage. For approval of changes to the certificate or bylaws, there must be a 75 percent affirmative vote from each of the quadrants and a 40 percent affirmative vote from each of the segments within the quadrants. All Board votes are recorded and posted.

Board members are selected in accordance with applicable quadrant and segment procedures. Generally, a Board member:

- Must represent a segment and quadrant.
- Should have a broad understanding of the segment he or she represents and sufficient authority to make decisions on behalf of his or her organization. For example, a director representing a corporate member should be an officer of the corporation.
- Must have a working knowledge of NAESB Board processes.
- Must be willing to commit the time and resources necessary to fulfill the obligations of a Board member and meet the minimum threshold of participation and attendance established in the NAESB bylaws [Section 9.7 (f)].

The Board of Directors currently has two standing committees: the Managing Committee and the Parliamentary Committee. The Board may create ad hoc committees as needed.

B. Executive Committee

The Executive Committee (EC) has responsibility for implementing the NAESB annual plan; directing standards development and maintenance efforts and voting on standards development and maintenance; and directing standards interpretation efforts and voting on such interpretations.

The EC approves and may modify recommendations from the Triage Subcommittee on subcommittee assignments for standards development, including the relative urgency of the work; approves and may modify standards that have been recommended by the standards development subcommittees; and monitors subcommittee progress on standards development.

The proceedings of all EC meetings are transcribed. Decisions by the EC may be by quadrant if it is determined that the recommended standard applies to a specific quadrant or quadrants rather than the organization as a whole. Each quadrant represented on the EC has 25 percent of the decision-making authority, regardless of the actual number of EC members that represent the quadrant. For all decisions other than on standards issues, a simple majority of each quadrant is needed for passage. For approval of standards issues, there must be a 67 percent affirmative vote from each of the quadrants and a 40 percent affirmative vote from each of the segments within the quadrants. All EC votes are recorded and posted.

EC members are selected in accordance with applicable quadrant and segment procedures. Generally, an EC member:

- Must represent a segment and quadrant.
- Should have a broad understanding of the segment he or she represents and sufficient authority to make decisions on behalf of his or her organization.
- Must have a working knowledge of NAESB standards development processes.

Deleted: Currently, the Board has a maximum of

Deleted: ninety-five

Deleted: one hundred seven members and includes five members from each of the five segments of the WGQ, for a total of twenty-five; four members from each of the four segments of the REQ, for a total of sixteen; six members from each of the four segments of the RGQ, for a total of twenty-four; and seven

Deleted: ix

Deleted: members from each of the six

Deleted: five

Deleted: segments of the WEQ, for a total of

Deleted: thirty

Deleted: forty-two.¶

Deleted: , In addition, the Board has responsibilities for the Joint Interface Committee with NERC and the ISO-RTO Council.

Deleted: Like the Board of Directors, the EC currently has a maximum of

Deleted: ninety-five

Deleted: one hundred seven members and includes five members from each of the five segments of the WGQ, for a total of twenty-five; four members from each of the four segments of the REQ, for a total of sixteen; six members from each of the four segments of the RGQ, for a total of twenty-four; and seven

Deleted: ix

Deleted: members from each of the

Deleted: five

Deleted: six segments of the WEQ, for a total of

Deleted: thirty

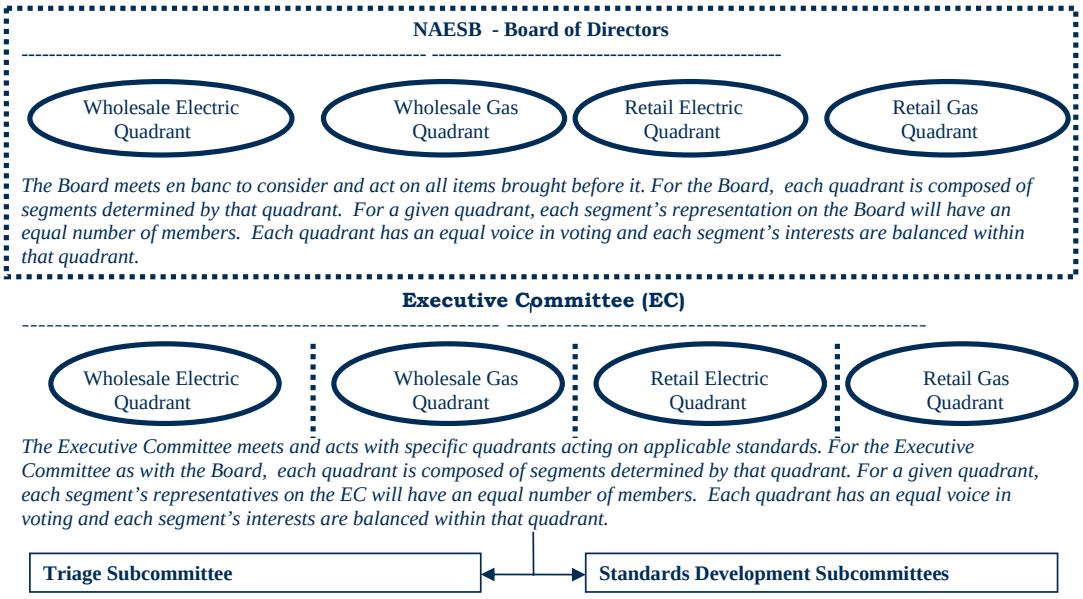
Deleted: forty-two.¶

Deleted: March 20, 2003

- Must be willing to commit the time and resources necessary to fulfill the obligations of an EC member and meet the minimum threshold of participation and attendance established in the NAESB bylaws [Section 10.4(j)].

The EC has several standing subcommittees, including the Triage Subcommittee and the Annual Plan Subcommittee, as well as several standards development subcommittees and task forces. It may create ad hoc subcommittees as needed for tasks specific to standards development and standards maintenance.

The chart below illustrates the interaction of the Board of Directors and the EC.



III. Standards Development Process

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

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

The standards development process is governed by the annual plan, and items can be included in the plan or modified only with Board approval. The plan typically reflects requests from NAESB members, government agencies, and other interested parties. In approving the annual plan, the Board considers the availability of resources, including the NAESB budget and staff and

Deleted: March 20, 2003

the availability of industry volunteers. New requests received throughout the year are either considered part of the existing annual plan or as new items that require Board approval.

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

If the triage process yields a request that is assigned to the WEQ, either solely or as part of a joint assignment, that request will be reviewed by NAESB and NERC executive management to determine if joint development is required as the development of both reliability standards and business practice standards is the expected outcome.

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

When the recommendation is complete, it is made available for a thirty-day industry comment period. The recommendation and comments are then forwarded to the EC, which considers the recommendation, makes any changes it deems necessary, and takes a vote. As noted above, a recommendation must receive an affirmative vote of at least 67 percent from each applicable quadrant EC and 40 percent from each of the fully populated segments of the applicable quadrant(s) in accordance with the requirements set forth in Article V of the NAESB Certificate of Incorporation and Article 2, Section 2.3 of the NAESB Bylaws.

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

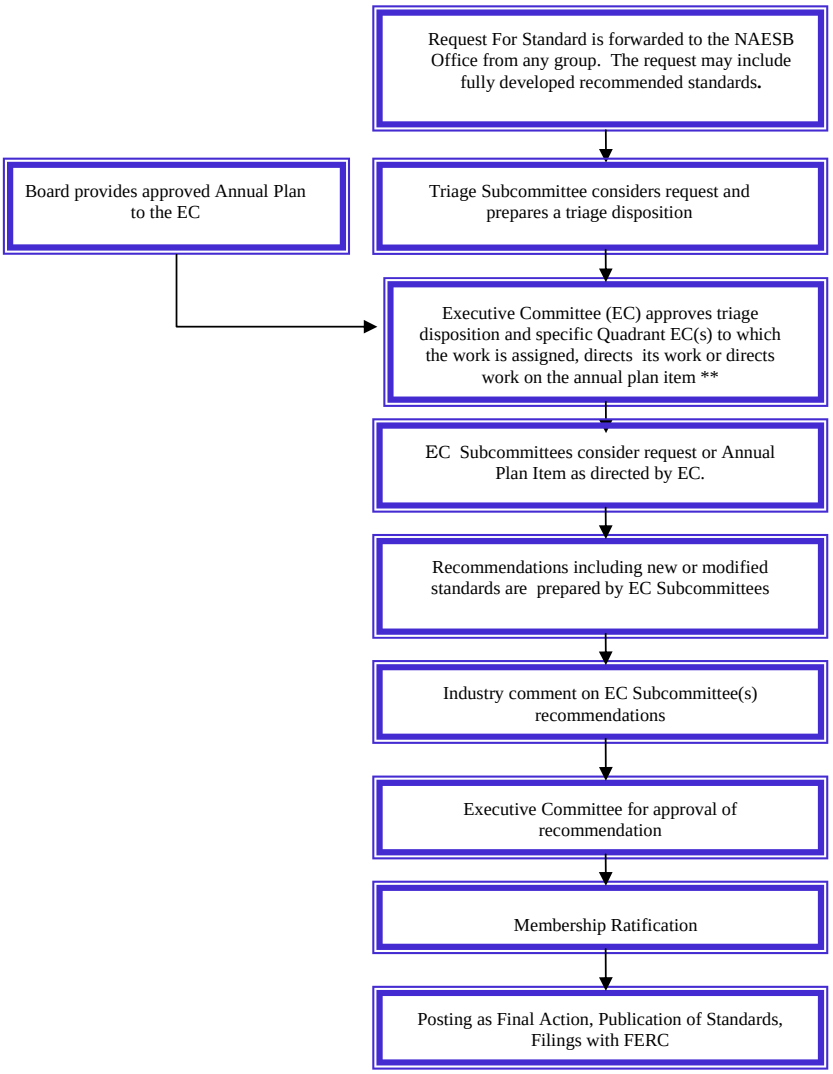
The foregoing process has been followed by the WGQ since 1994 and has been used to develop more than five hundred standards that have been incorporated by reference into federal regulations. The standards that apply to electronic delivery mechanisms have been endorsed by several state regulatory bodies and have also been adopted by the automotive, insurance, and health care industries.

Deleted: if forwarded to the Joint Interface Committee (JIC), a group created from the Memorandum of Understanding signed by NAESB, the North American Electric Reliability Council (NERC) and the ISO-RTO Council on May 15, 2003. The JIC then determines if the request more appropriately belongs with NERC because of reliability issues, NAESB because of commercial issues, or should not be assigned to either because of outstanding policy issues. If the request is assigned to NAESB, then NAESB addresses the request through its standards development process process. If the JIC does not assign the request to NAESB and NAESB agrees, then the efforts of the WEQ within NAESB for the request are concluded. If the JIC does not assign the request to NAESB, and NAESB disagrees, NAESB then continues to address the request through its standards development process.

Deleted: ,

Deleted: March 20, 2003

North American Energy Standards Board
Standards Development Process Flow Chart



** -- For those requests assigned to the WEQ, a separate process may be employed in addition to the one outlined here, for joint development with the North American Electric Reliability Corporation.

Deleted: is

Deleted: for review of the request by the Joint Interface Committee, as described in the Memorandum of Understanding signed by NAESB, NERC and the IRC on May 15, 2003.

Deleted: March 20, 2003

A. Flexibility

Formatted: Keep with next

NAESB recognizes that flexibility is necessary as standards are developed to address regional concerns or to incorporate variances to accommodate operational or structural differences. For example, as the WGQ drafted standards for nomination and scheduling of transportation, it realized that there were three models for transportation. Accordingly, the standards that address these models have three parts, with each specifying the standard for each model. This flexibility is also found in the associated information standards, which note which data elements are needed for which model and whether these data elements are required or optional.

There is a high threshold for incorporating such variances in a standard; the subcommittee(s) in drafting the standard, the EC in approving the subcommittee recommendation, and the membership in approving the standard must all agree that such variance is necessary. Nonetheless, NAESB procedures are well suited to take into account operational and regional differences.

B. Transparency

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

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

IV. Operating Procedures of the North American Energy Standards Board

These general operating procedures apply to all NAESB quadrant activities unless otherwise noted. The procedures complement the NAESB certificate and bylaws and are not inconsistent with either governing document. The NAESB operating procedures (NAESBOPs) may be amended by the Board of Directors.

The procedures that follow are:

A. Executive Committee Subcommittees

B. Balanced Voting Procedures for EC Subcommittees and Task Forces

C. Standards Development and Maintenance

D. Minor Clarifications and Corrections to Standards

E. Interpretation of Standards

F. Standards Appeal Procedure

G. Standards Publication Cycle

H. Communicating with Regulatory and Other Government Agencies

Deleted: March 20, 2003

A. Executive Committee Subcommittees

The following are general procedures of NAESB EC subcommittees and are intended to guide the operations of such subcommittees. Where the EC, in coordination with the Parliamentary Committee, has approved specific procedures for a particular subcommittee, those procedures apply in lieu of these generally applicable procedures.

1. Establishment of Subcommittees

The EC as a whole, as well as quadrant ECs, shall have the general authority to adopt resolutions establishing subcommittees and task forces within subcommittees for the specific purpose of developing and maintaining standards and model business practices. After the establishment of a subcommittee by the EC or quadrant ECs, the subcommittee may establish working groups as needed to address ad hoc issues. Subcommittees, task forces within the subcommittees, and working groups shall comply with the NAESBOPs in all respects.

In addition, the EC may request authorization of the Managing Committee of the Board to establish other subcommittees and task forces within subcommittees not covered by the preceding paragraph, and only upon such authorization being granted shall the said subcommittees and task forces within subcommittees come into existence. The Managing Committee may delegate the authority to develop additional subcommittees to the Parliamentary Committee of the Board.

Subject to the foregoing, subcommittees are voluntary committees set up at the pleasure of the EC or quadrant ECs to perform various functions as set forth in the bylaws and as may be determined by the EC or quadrant ECs. The scope and activities of any subcommittee shall be determined by the EC or quadrant ECs.

When establishing a subcommittee, the EC or quadrant EC shall prepare a written statement containing the name and the purpose of the subcommittee and the tasks it will accomplish. The EC or quadrant EC shall also select one of its members to serve as temporary chair of the subcommittee; the temporary chair shall serve only until the subcommittee is organized and elects its own chair.

The temporary chair of the subcommittee shall make arrangements through the office of the executive director for the initial meeting of the subcommittee, including drafting a notice of the meeting and the meeting agenda and determining the time and place of the meeting. The meeting notice should include:

a. The name and purpose statement of the new subcommittee

b. A public invitation to serve on the subcommittee

c. The procedure for selecting a subcommittee chair

d. The procedure for determining the need for a cochair or vice chair.

The notice of the initial meeting shall be provided in advance to the public, NAESB participants, and interested trade association staff for distribution to their members so that attendance is encouraged. Emergency meetings, however, may be called without the foregoing notice.

2. Order of Business for Initial Subcommittee Meeting

At the initial meeting of a subcommittee:

a. The temporary chair should welcome participants, ask participants to identify themselves by quadrant and segment, and give the antitrust advice.

b. The temporary chair should review the name, objectives, and task assignment(s) as directed by the EC or quadrant EC.

Deleted: March 20, 2003

c. The subcommittee should prepare a mission statement that should be approved by the subcommittee by a balanced vote and then submitted to the EC or quadrant EC for approval.

d. The subcommittee should determine, if necessary, the term of the chair and other subcommittee positions, as applicable, and elect the chair and vice chair or cochair as applicable pursuant to the voting process below. The chair, vice chair, and all cochairs must be members of NAESB, and the chair, vice chair, or one of the cochairs must be a member of the EC or quadrant EC. Subcommittees may select cochairs by segments if they so choose.

e. The subcommittee may conduct other organizational business as may be necessary to implement a subcommittee structure and the processes necessary to carry out the objectives of the EC or quadrant EC.

f. The subcommittee may take any other appropriate actions.

3. Participation in Subcommittees

Subcommittee participation is open to all interested persons, provided, however, that for certain subcommittees, voting is limited to named members or alternates. Participants may join as many subcommittees as they desire, and may do so at any time.

4. Subcommittee Working Groups

A subcommittee established by the EC or a quadrant EC may establish working groups to assist in the achievement of its objectives. A working group should report to its parent subcommittee on a regular basis, and the proposed actions and recommendations of the working group must be reviewed and ratified by the subcommittee before they are forwarded to the EC or quadrant EC.

5. Meetings of Subcommittees, Task Forces, and Working Groups

Meetings of subcommittees and of task forces and working groups within subcommittees shall be arranged and presided over by the subcommittee chair, vice chair, or cochair and shall be open to all NAESB members and other interested persons. Meetings shall be held at times and in places reasonably selected for the convenience of subcommittee members. Notices of meetings shall be posted on the NAESB website. With prior notification, a cost-based meeting fee may be charged at the discretion of the executive director with approval of the Managing Committee.

Notice of in-person group meetings should be given at least two weeks in advance, although working groups may call meetings with less than two weeks' notice. Notice of teleconference-only meetings should normally be given at the preceding meeting of the subcommittee, task force, or working group, and notice of such meetings should normally be posted on the NAESB website at least one week in advance.

Unless an exception has been granted in advance by the Managing Committee, all in-person meetings must provide for attendance by teleconference. With prior notification, such attendance by teleconference may be at the callers' expense. At an in-person meeting, the chair of the group shall call the teleconference number by means of a speakerphone so as to admit the teleconference attendees and permit interaction between the in-person and teleconference attendees.

Agendas for all meetings should be prepared by the chair, vice chair, or cochair of the applicable subcommittee, task force, or working group and posted on the NAESB website sufficiently in advance of the meeting to allow those accessing the NAESB website to identify the issues to be discussed.

Deleted: March 20, 2003

B. Balanced Voting Procedures for EC Subcommittees and Task Forces

For nonadministrative motions, all EC subcommittees and task forces shall use balanced voting procedures whereby each segment of a quadrant holds two votes to be apportioned equally to those participants of the segment present at the meeting either in person or by phone. No individual may have more than one vote apportioned to him or her. The votes or fractions of votes are totaled across segments to determine the outcome of the motion under consideration. No notational or proxy votes are permitted.

The foregoing procedures, however, do not apply to EC subcommittees and task forces in which the membership is restricted to named members. Such subcommittees and task forces are already balanced in that only the named members vote, and the named members represent a balance of the segments within the quadrant. Notational votes are permitted in subcommittees and task forces with named members.

1. Examples of Balanced Voting for One Quadrant

At a meeting of the REQ Customer Processes Subcommittee, there is a vote on a proposed standard to be forwarded to the REQ EC as a recommendation for consideration. At the meeting, both in person and on the phone, the segments are represented as follows: five suppliers, three services, six distributors, and one end user. The balanced vote is calculated as follows:

	Votes Cast		*Balanced Votes*	
Segment	*Yes*	*No*	*Yes*	*No*
Suppliers	*3*	*2*	*1.2*	*0.8*
Services	*3*		*2*	
End Users		*1*		*1*
Distributors	*4*	*2*	*1.3*	*0.7*
Total	*10*	*5*	*4.5*	*2.5*

As the balanced vote is 4.5 to 2.5, the motion passes.

Similarly, at a meeting of the REQ Customer Processes Subcommittee, there is a vote on a proposed standard to be forwarded to the REQ EC as a recommendation for consideration. At the meeting, both in person and on the phone, the segments are represented as follows: fourteen suppliers, six services, six distributors, and one end user. The balanced vote is calculated as follows:

	Votes Cast		*Balanced Votes*	
Segment	*Yes*	*No*	*Yes*	*No*
Suppliers	*14*	*0*	*2*	*0*
Services	*1*	*5*	*0.3*	*1.7*
End Users		*1*		*1*
Distributors	*3*	*3*	*1*	*1*
Total	*18*	*9*	*3.3*	*3.7*

As the balanced vote is 3.3 to 3.7, the motion fails.

2. Example of Balanced Voting across Quadrants

In cases of joint-quadrant subcommittees, the representatives of each quadrant share an equal portion of the vote. For example, in a joint RGQ-REQ subcommittee, the RGQ and REQ each

Deleted: March 20, 2003

contribute 50 percent of the total vote. At a meeting of the RGQ-REQ Customer Processes Subcommittee, there is a vote on a proposed standard to be forwarded to the quadrant ECs as a recommendation for consideration. At the meeting, both in person and on the phone, the REQ segments are represented as follows: fourteen suppliers, six services, six distributors, and one end user. The REQ balanced vote is calculated as follows:

	Votes Cast		*Balanced Votes*	
Segment	*Yes*	*No*	*Yes*	*No*
Suppliers	*14*	*0*	*2*	*0*
Services	*1*	*5*	*0.3*	*1.7*
End Users		*1*		*1*
Distributors	*3*	*3*	*1*	*1*
Total	*18*	*9*	*3.3*	*3.7*

At the meeting, both in person and on the phone, the RGQ segments are represented as follows: five suppliers, three services, six distributors, and one end user. The RGQ balanced vote is calculated as follows:

	Votes Cast		*Balanced Votes*	
Segment	*Yes*	*No*	*Yes*	*No*
Suppliers	*3*	*2*	*1.2*	*0.8*
Services	*3*		*2*	
End Users		*1*		*1*
Distributors	*4*	*2*	*1.3*	*.7*
Total	*7*	*5*	*4.5*	*2.5*

Both the RGQ and the REQ contribute equally to the outcome. Under balanced voting, the REQ contributes 47 percent in favor and 53 percent opposed. The RGQ contributes 64 percent in favor and 36 percent opposed. Using the balanced votes, the motion fails (fails at REQ, passes at RGQ).

Deleted: March 20, 2003

C. Standards Development and Maintenance

Standards development and maintenance is a process by which a new standard is created or an existing standard is revised or deleted. The process is initiated either by the NAESB annual plan or by the submission of a request. Requests should be submitted electronically on the NAESB form Request for Standards Development and forwarded to the executive director for consideration by the EC. In addition, the EC may itself initiate a standards development and maintenance action based on legislative or regulatory events.

1. Action on Request

When a request for standards development or maintenance is submitted, the following takes place:

a. The NAESB office assigns a request number to the form and posts the request on the NAESB website.

b. The request is forwarded to the Triage Subcommittee for review at the next meeting of that subcommittee.

c. The Triage Subcommittee makes a recommendation as to whether the request is within scope of NAESB and, if so, to which quadrant(s) it should be assigned. The members of the Triage Subcommittee representing the assigned quadrant(s) then make a recommendation as to whether the request is within the scope of the quadrant(s) and, if so, to which subcommittee or task force it should be assigned and what level of priority it should be given. The recommendations are then forwarded to the EC.

d. The EC approves, amends, or rejects the recommendation that the request is within the scope of NAESB. If the EC does not find the request in scope, the recommendation is forwarded to the Board of Directors for a final determination as to whether the request is in scope. If the EC finds the request within scope, it then forwards the request to the EC members representing the quadrant(s) to which the request has been assigned.

e. The EC members consider whether the request is within the scope of the assigned quadrant(s), whether the request has been assigned to the correct subcommittee or task force, and whether it has been given the correct priority. By a simple majority vote, the EC members approve or amend the foregoing recommendations.

f. The results of the EC consideration are recorded in the minutes and posted on the NAESB website.

g. For the Wholesale Electric Quadrant (WEQ), the EC shall determine that the request has been assigned to the WEQ in all or in part, shall ensure that the request adequately describes the standards to be developed or modified. If executive management determines that the development requires coordination with the North American Electric Reliability Corporation ("NERC"), or NERC executive management requests such coordination, the joint development process developed by both NAESB and NERC will be employed in addition to the NAESB processes.

h. The subcommittee or task force completes the assigned task.

i. Where appropriate the subcommittee or task force may forward the request to other subcommittees or task forces to ensure that the work product is considered fully staffed.

j. Once complete, the subcommittee or task force submits a recommendation to the NAESB office based on the results of the group's findings.

k. The recommendation is posted on the NAESB website for industry comment for 30 days, although this period may be shortened by the EC.

l. To streamline joint quadrant consideration of proposed standards, unless otherwise directed by the Board for annual plan items or the en banc EC for triaged proposed standards, the following protocol shall apply to joint consideration of proposed standards:

Deleted: , and shall forward the request to the Joint Interface Committee for consideration. If the Joint Interface Committee affirms that the request for standards development appropriately belongs within NAESB, the subcommittee or task force shall continue its work. If the Joint Interface Committee assigns the work to NERC, and NAESB supports such assignment, then members of the NAESB WEQ are urged to participate in the NERC development activities. If the Joint Interface Committee assigns the work to NERC, and NAESB does not support such assignment, and is not able to resolve the disagreement by either redrafting and resubmitting the proposal to the Joint Interface Committee or meeting with NERC to resolve the impasse, the WEQ EC may continue its work on the standards request with approval of the Board Managing Committee. .

Deleted: March 20, 2003

i. Any proposed standard that garners majority support of at least one affected quadrant at the subcommittee level shall be put out for industry comment and possible approval by that quadrant, even if the proposed standard does not attract majority support of all affected quadrants at the subcommittee level.

ii. If a proposed standard garners majority support of at least one quadrant but does not have the support of all affected quadrants at the subcommittee level, the subcommittee shall submit a status report to the joint quadrant ECs, setting forth a recommendation whether joint consideration of the proposed standard should be terminated.

iii. Upon adoption of the subcommittee's recommendation that joint consideration of a proposed standard be terminated, the EC of the quadrant whose subcommittee members supported the standard may proceed with a vote on adoption of the proposed standard, provided it has been put out for industry comment.

For purposes of this provision, a "proposed standard" refers to any standard-setting activity that requires a super majority vote at the quadrant EC level.

m. The assigned quadrant(s) of the EC consider the recommendation, taking into consideration the request and industry comments.

2. Subcommittee and Task Force Procedures

Subcommittees and task forces developing or modifying standards shall follow these procedures:

a. Subcommittee and task force chairs are responsible for working with the NAESB office to prepare meeting notices and agendas, which are distributed by the NAESB office. Meeting notices should be issued so as to give adequate notice to attendees who must travel from out of town.

b. Meetings, including ad hoc meetings and those held by telephone, should be scheduled by first conferring with the NAESB office to ensure that meetings involving the same participants have not been scheduled for the same time.

c. All meetings are open and minutes are taken. All attendees should provide contact information identifying themselves as attendees to the meeting.

d. All votes should be recorded in the minutes. Balanced voting can be requested in any subcommittee meeting where the subcommittee is not already balanced by virtue of being a named-member subcommittee.

e. Minutes, working documents, meeting notices, agendas, and all other documents used in the meeting should be forwarded in electronic form to the NAESB office for posting on the NAESB website.

f. The group or representatives of the group should develop a recommendation to be submitted to the EC outlining the proposed standard or proposed modification to a standard.

3. Final Actions

The EC approves the recommendation as submitted, modifies the recommendation, returns the recommendation to the subcommittee or task force for further development, or rejects the recommendation. All standards, additions to standards, or modifications to standards must be ratified by the NAESB membership. Member-ratified actions are posted on the NAESB website. Unless otherwise directed by the Board of Directors, the final actions are published in the next edition of the NAESB standards manual.

Deleted: '

Deleted: March 20, 2003

D. Minor Clarifications and Corrections to Standards

Minor clarifications and corrections to existing standards include: (a) clarifications or corrections made by a regulatory agency to standards that are of a jurisdictional nature, or by the American National Standards Institute or its successor; (b) clarifications or corrections to the format, appearance, or descriptions of standards in standards documentation; (c) clarifications or corrections to add code values to tables; and (d) clarifications and corrections that do not materially change a standard.

Any request for a minor clarification or correction to an existing standard should be submitted in writing to the executive director. This request shall include a description of the minor clarification or correction and the reason the clarification or correction should be implemented.

1. Processing of Requests

The executive director shall promptly notify the EC and any appropriate subcommittee(s) of the receipt of the request. The members of the applicable quadrant's EC shall promptly determine whether the request meets the definition of a minor clarification or correction. Through the decision of the vice chair of the applicable quadrant, this determination may be delegated to one of the quadrant's subcommittees, with the concurrence of the subcommittee chair, in which case the subcommittee shall make a prompt decision.

If the request is determined to meet the definition of minor clarification or correction, the applicable quadrant's EC, with input from any subcommittee(s) to which the request has been forwarded, shall act on the request within one month of its receipt. A meeting to discuss the request is not required; the decision may be made by notational vote. A simple majority of the votes received shall determine the outcome. The members of the applicable quadrant's EC shall be given at least three working days to consider and vote on the request.

2. Public Notice

The results of the vote on the request for a minor clarification or correction shall be posted on the NAESB website and the members of the applicable quadrant shall be notified of the request by e-mail. If the request has been approved by the applicable quadrant's EC, the notification shall include a brief description of the request, the contact name and number of the requester so that further information can be obtained, and the proposed effective date of the clarification or correction. The proposed effective date of the minor clarification or correction shall normally be one month from the date of the public notice. Any interested party shall have an opportunity to comment on the request, and the comments shall be posted on the NAESB website. The comment period is two weeks.

3. Final Disposition of Approved Requests

If no comments are received on an approved request, the standard shall be clarified or corrected as specified in the approved request on the effective date proposed. If comments are received, they shall be forwarded to the members of the applicable quadrant's EC for consideration. Each comment requires a public written response from the applicable quadrant's EC. The applicable quadrant's EC shall determine whether changes are necessary as a result of the comments. Members of the applicable quadrant's EC shall be given three working days to consider the comments and determine the outcome, which shall be decided by a simple majority of the votes received. A meeting to discuss the request is not required; the decision may be made by notational vote. The standard shall be clarified or corrected in accordance with the outcome of the vote, effective with the completion of voting, and notice thereof shall be posted on the NAESB website.

Deleted: March 20, 2003

E. Interpretation of Standards

Interpretation of standards is a process by which an existing standard is clarified as to its original intent or an existing interpretation is modified. Any person may seek an interpretation by submitting a request for clarification or interpretation electronically to the NAESB office. The NAESB office shall assign a number to the request and post it on the NAESB website. The request shall then be forwarded to the Interpretations Subcommittee(s) of the appropriate quadrant(s); each quadrant is responsible for the interpretation of standards that are applicable to it.

The request for interpretation shall be considered in a meeting of the Interpretations Subcommittee(s). The subcommittee(s) shall prepare a draft interpretation and forward it to the NAESB office, which shall post it on the NAESB website for industry comment. The same procedures as outlined in NAESBOP D, "Standards Development and Maintenance," are then followed.

Deleted: March 20, 2003

F. Standards Appeal Procedure

Any interested person with a direct and material interest who has been or may be adversely affected by a substantive or procedural action or inaction of the EC shall have the right to appeal, by resort to the procedures below:

1. Such affected person may ask that any adopted NAESB standard of proposed standard be amended, rejected, or reconsidered. A request for an amendment to existing standards or reconsideration of a proposed standard that was not adopted may be designated as appeals by the requesting party and filed with the NAESB office. The requesting party shall state in its appeal the reasons for its request and any proposed alternative language. Such requests shall be treated as requests for new standards and processed accordingly; or

2. Such affected person may appeal using the procedures set forth in Clause A.12 of the *ANSI Procedures for Development and Coordination of American National Standards*. Appeals of actions shall be taken within 30 days after the date of notification of action by the EC; appeals of inactions may be taken at any time.

Deleted: March 20, 2003

G. Standards Publication Cycle

NAESB standards shall be published every twenty-four months, beginning with the release of version 1.7 of the WGQ standards in the summer of 2003. Standards that are approved between the publication of one version of the standards and the next shall be available on the NAESB website and shall be referred to as final actions. If during any twenty-four-month publication cycle, extraordinary circumstances arise that warrant the interim publication of new or revised standards adopted since the previous version was published, the Board of Directors will authorize and direct the executive director to publish such standards as necessary during such interim period.

Deleted: March 20, 2003

H. Communicating with Regulatory and Other Government Agencies

Should NAESB amend or issue an interpretation to an existing standard that has previously been adopted by FERC or another government agency, the executive director shall officially notify that government agency upon publication of the version of NAESB standards that contains the amended standard or interpretation, unless the NAESB Board of Directors or Managing Committee or said government agency requests that notification be provided at the time of the ratification of the amendment or interpretation of the standard.

When NAESB adopts a new standard, the executive director shall officially notify applicable government agencies upon publication of the version of NAESB standards that contains the standard, unless the NAESB Board of Directors or Managing Committee or said government agencies request that notification be provided at the time the standard is ratified.

When NAESB adopts a new standard that directly relates to the use, action, or implementation of an existing NAESB standard that has been adopted by a government agency or agencies, the executive director shall officially notify applicable government agencies upon publication of the version of NAESB standards that includes the new standard and transmit the new standard to the government agency that has adopted the previous standard, unless the NAESB Board of Directors or Managing Committee or said government agency requests that notification be provided at the time the standard is ratified.

New versions of NAESB standards and other publications shall be forwarded to any government agency requesting such publications. FERC and the National Association of Regulatory Utility Commissioners (NARUC), through NARUC's executive director, shall be provided with all publications, including standards developed by all quadrants. These publications, if copyrighted, shall be made available for (1) internal use and (2) placement in an agency's public reference room and for submittal to the *Federal Register* for those publications with standards incorporated by reference into the FERC's or other agency's regulations, to the extent required by law and regulation, to permit incorporation by reference.

In the period between the publication of standards manuals, the following documents shall be made available, at no cost to the recipient, via the NAESB website or other agreed-upon method, to any government agency requesting such documents, including FERC and NARUC, through its executive director:

a. Final standards actions and member voting records

b. Final interpretations and member voting records

c. Board and EC meeting minutes and voting records

d. Meeting materials supporting Board and EC meeting minutes and voting records

e. Transcripts of meetings for internal use by the government agency as requested

All written communications between NAESB and government agencies must be approved in advance by the Managing Committee. The EC may draft language pertaining to its standards development activities for forwarding to government agencies; those communications also require the approval of the Managing Committee before they are forwarded by the NAESB office.

It is recognized that the NAESB office, officers, and chairs of the Board and EC shall continue to follow the current convention of informal communications with senior officials of FERC and other government agencies. These informal communications are for informational purposes only and are not intended as a substitute for formal communications with such government agencies. The results of these informal communications shall be reported to the EC and Board.

Deleted: March 20, 2003

North American Energy Standards Board

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

NAESB Policy on Efficient Standards Development

NAESB is an American National Standards Institute accredited member-driven organization who purpose is to develop voluntary standards through a consensus-based process. The organization encourages broad based participation in an open and balanced standards development process to ensure that the standards are applicable and representative of the industry.

While segment blocks[1] play an important role in protecting the interests of a market segment and protecting the interests of a minority position, it is the hope of the Board of Directors that segment blocks are rare, minimized and not a part of a routinely used strategy for voting. If a segment block is inevitable, it should be determined quickly and processed quickly. Where segment blocks may occur due to the controversial nature of the standards development that may indicate unresolved policy issues, steps should be taken to expedite the definitive determination of opposition and if progress could be made through a variety of actions. Should it be determined that consensus is not possible, then a decision can be made so that resources can be more effectively applied to other development efforts. Below are four actions that may be taken to increase standards development efficiency and to obtain decisions quickly when it may be difficult to achieve support from all segments in a given standards development project:

- For controversial and high visibility projects, the board may establish timelines at the outset for the entire project in more detail than just the date provided for the annual plan entry.
- For controversial or high visibility projects, EC leadership or the Executive Director may request of the Managing Committee, that facilitators be engaged at the onset to support the standards development process.
- When the Executive Committee leadership determines that a single segment block is expected and this is communicated to the Managing Committee or the board, all board members of the relevant quadrant will be contacted to determine if steps can be taken that would prevent a single segment block. The board may establish timelines to ensure the effective use of resources.
- FERC staff or other applicable regulatory staff assistance shall be requested only by the Managing Committee if needed to overcome technical questions that are impeding the progress of subcommittees in standards development efforts.

[1] Segment block refers to the inability of a segment of the EC to achieve the 40% affirmative vote for a standard action to be approved (see Article V, § 4 of the NAESB Certificate of Incorporation and Article 2, § 2.3 of the NAESB Bylaws).

North American Energy Standards Board

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

September 9, 2008

RE: Draft NAESB Board Resolutions for September 25, 2008

Agenda item 4(a) – Revenues Task Force – Dues Increase	**WHEREAS,** the Board Revenue Ad Hoc Group through its review of the 2008 balance sheet and consideration of the negative retained earnings, consideration of membership and pricing of work products, unanimously supports a dues increase from $5000 to $6500; and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Revenues Task Force; **THEREFORE, BE IT RESOLVED,** the membership dues for 2009 will be increased by $1500 to $6500. This increase will take effect January 1, 2009. Those members receiving the $500 dues amount will not experience an increase in the dues for 2009.
Agenda Item 4(b) – Parliamentary Committee – Certificate Amendments	**WHEREAS,** the Board Parliamentary Committee unanimously supports proposed changes to the NAESB Certificate to address situations where segments of the Board of Directors or the Executive Committee are not fully populated; and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Board Parliamentary Committee; **THEREFORE, BE IT RESOLVED,** the amendments to the NAESB Certificate of Incorporation are adopted by the Board of Directors, and the NAESB office is directed to forward the amendments to the NAESB membership for ratification.
Agenda Item 4(b) – Parliamentary Committee – Bylaws Amendments	**WHEREAS,** the Board Parliamentary Committee unanimously supports proposed changes to the NAESB Bylaws to address situations where segments of the Board of Directors or the Executive Committee are not fully populated; and proposed language to include Board resolutions creating the Managing Committee, and proposed language to clarify officer elections; and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Board Parliamentary Committee, **THEREFORE, BE IT RESOLVED,** the amendments to the NAESB Bylaws are adopted by the Board of Directors.
Agenda Item 4(b) – Parliamentary Committee – NAESB Operating Practices Amendments	**WHEREAS,** the Board Parliamentary Committee reviewed changes to the NAESB Operating Practices for consistency with the proposed changes to the certificate and bylaws, and changes to support current practices (creation of the IGO segment, retirement of the memorandum of understanding that created the Joint Interface Committee), and **WHEREAS**, the Managing Committee unanimously supports the recommendation of the Board Parliamentary Committee, **THEREFORE, BE IT RESOLVED,** the amendments to the NAESB Operating Practices are adopted by the Board of Directors.

North American Energy Standards Board

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

Agenda Item 4(b) – Parliamentary Committee – NAESB Policy on Efficient Standards Development

WHEREAS, the Parliamentary Committee considered the draft policy on efficient standards development as remanded to it by the Board of Directors on June 26, 2008, and

WHEREAS, the Parliamentary Committee amended the draft policy and unanimously supports the amended draft policy, and

WHEREAS, the Managing Committee unanimously supports the recommendation of the Parliamentary Committee,

THEREFORE, BE IT RESOLVED, the NAESB Policy on Efficient Standards Development as amended by the Parliamentary Committee is adopted by the Board of Directors.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

September 17, 2008

TO: NAESB Resources committee

FROM: Rae McQuade, NAESB President and COO

RE: Membership Analysis, Vacancies on the Board and EC, Membership Prospects – Revised September 17, 2008

via email

Dear NAESB Resources Committee:

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

Best Regards,

Rae

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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
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
WGQ	Bill Hebenstreit, Goodrich Petroleum Company, LLC	832-399-3180	bill_heben@hotmail.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
RGQ	Greg Lander, Commerce Energy Group	978-535-7500	glander@skippingstone.com
WEQ	Ron Mucci, Ron Mucci Consulting, LLC (representing Entegra Power Group, LLC)	713- 550-6756	ron.mucci@yahoo.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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 2a

NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects	Source	Contact/Notes	Assignment
AARP			S. Brown, J. Ackerman
Accenture	R. McQuade	John Bartley – sent membership packet 6/26/08.	D. Rager
Advantage IQ, Inc.	office	Suzanne Figy– sent information 715/08 via email. Application received 9/4/08. **– NOT PAID**	D. Rager
Argus Media, Inc.	M. Novak	Caroline Gentry - Mr. Novak sent information on 6/27/08. Response from Ms. Gentry on 7/1/08 not interested in membership at this time. Would like to observe and possible purchase materials.	D. Rager
Black Hills Corporation	office	Larry D. Williamson – submitted application 8/7/08 – ***HAS JOINED***	D. Rager
Competitive Power Ventures, Inc.	office	Mr. Bennett – sent packet 4/14/08	D. Rager
Comverge			S. Brown, R. True
Constellation NewEnergy	K. Wall	Meredith Miller – sent membership info 12/3/07 via email. – reply 12/4/07 with question – responded 12/5/07. 3/10/2008 still has not made a decision concerning membership.	D. Rager
CURRENT Group, LLC	M. Novak	James Bolin – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Devon Energy		Bill Green. John Bretz of Anadarko, has offered to follow up. Denise talked with Jennifer McDiffett on 5/7/08 still considering joining. Mr. Hebenstreit has followed up on numerous occasions. Last response from Bill Green on 8/6/08 still considering membership.	B. Hebenstreit
Elster Integrated Solutions	M. Novak	Scott DeBroff – sent packet 2/12/2008 – replied with response Elster not interested at this time. He represents a number of other meter/meter technology	D. Rager

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 2a

NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects	Source	Contact/Notes	Assignment
		companies – one may be interested in joining. Sent follow-up email 3/10/2008 no reply to date.	
Energy Curtailment Specialist, Inc.	M. Novak	B. Marie Pieniazek – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Energy South Services, Inc.	D. Gussow	Todd Brown – sent packet as requested 7/24/07 – follow-up 10/18/07 no reply	D. Rager
EnerNOC, Inc.	M. Novak	Garrett Bissell – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Enerwise			S. Brown, R. True
Flow-Cal Measurement Application	office	Tonia Britz – 7/9/08 interested in joining at a reduced rate of $500. Does not qualify as a regulator or consumer advocate. Not interested at rate of $5000. – Not Joining	D. Rager
Gas Certification, Inc.	office	Ardis Bartle – 7/8/08 interested in joining at a reduced rate of $500. Does not qualify as a regulator or consumer advocate. Not interested at rate of $5000. – Not Joining	D. Rager
Goodrich Petroleum Company, LLC	B. Hebenstreit	B. Hebenstreit – received application and payment 7/14/08 – ***HAS JOINED***	D. Rager
Hexagram, Inc.	M. Novak	Ben Boyd – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
Husky Energy Marketing Inc.	office	Louise Preece – sent information 8/22/08 will be submitting application. Received app 8/29/08. Joined – NOT PAID	D. Rager
Husky Gas Marketing Inc.	office	Louise Preece – sent information 8/22/08 will be submitting application. Received app 8/29/08. Joined – NOT PAID	D. Rager
Husky Marketing and Supply Company	office	Louise Preece – sent information 8/22/08 will be submitting	D. Rager

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 2a

NAESB Membership Prospects – Short Term, Individual Companies and Organizations

Membership Prospects	Source	Contact/Notes	Assignment
		application. Received app 8/29/08. Joined – NOT PAID	
Itron	M. Novak	Richard Creegan – sent packet 2/12/2008 no response. Sent follow-up 3/10/2008 no reply to date.	D. Rager
New England Power Generators Association, Inc.	office	Christopher P. Sherman, General Counsel – sent packet 5/20/08	D. Rager
New Era Energy, Inc.	M. Edwards	Jack Greenhalgh, relationship with SAIC may be interested in joining.	M. Edwards
Noble Energy, Inc.	R. Smith	R. Smith – received application and payment 7/9/08 – ***HAS JOINED***	D. Rager
North Carolina Advanced Energy Corporation	B. Ellsworth	B. Koger– sent information 715/08 via email. Application received 7/29/08. – ***HAS JOINED***	D. Rager
OPSI	G. Ogenyi	Raj Barua, Executive Director – sent packet 4/1/08	D. Rager
"Organization of Transmission Owners in New England"	office	Cal Bowie of Northeast Utilities – sent packet 5/19/08	D. Rager
Seven Utility Management Consultants, Ltd.	office	Michael Babich, CEP – sent packet 6/5/08	D. Rager
Statoil Natural Gas LOC, Statoil North America, Inc., Statoil Marketing & Trading (US) Inc.	office	Mary E. Wellman – sent packet 4/4/08	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
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
Washington Independence in Strategic Energy and Resources LLC.	office	A.(Aria) Mirzazadeh, President & CEO – sent packet 6/13/08	D. Rager
Westar Energy, Inc.	M. Desselle	Shah Hossain – 7/2008 received application and payment – ***HAS JOINED***	D. Rager

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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.		Conf. calls w/Ms. McIntire and Mr. Gramlich on 4/10/08. Resent membership packet.	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
Gamesa	Resource Committee		S. Brown

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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	WECC has been a member since May 2005. 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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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**	*Has Joined*	
British Columbia Transmission Corporation	**NERC**	***Has Joined***	
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		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 2d

NAESB Membership Prospects – Long Term

Membership Prospects	Source	Contact/Notes	Assignment
MGE Energy, Inc. - Madison Gas and Electric Co.	EEI		
Missouri Office of Public Counsel	NERC		
Mt. Carmel Public Utility Company	EEI		
National Energy & Gas Transmission Inc.	EPSA		
National Energy Board	NERC		
Nebraska Public Power District	NERC		
Northeast Power Coordinating Council			M Desselle
Northern Star Generation Co. -- NSTAR	EPSA-EEI		
NorthWestern Corporation - NorthWestern Energy	EEI		
Nuclear Management Company, LLC	EEI		
OGE Energy Corporation - OG&E Electric Services	**EEI - NERC**	***Has Joined***	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		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 2d

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**	*Has Joined*	M. Desselle
Wheelabrator Technologies Inc.	EPSA		
Wolf Creek Nuclear Operating Corporation	EEI		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 3

North American Energy Standards Board
New Members since January 2006

		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.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 3

North American Energy Standards Board
New Members since January 2007

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 3

North American Energy Standards Board
New Members since January 2007

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

** Membership dues not yet received.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 3

North American Energy Standards Board
New Members since January 2008

Quadrant	Segment	Contact and Company	Reason Joined	Month Joined
RGQ	End Users	Advantage IQ, Inc. Contact: Suzanne Figy	Participation	**September****
WEQ	Transmission	Black Hills Corporation Contact: Larry D. Williamson	Participation	August
WEQ	Transmission	British Columbia Transmission Corporation Contact: Janet Fraser	Participation	January
WEQ	Generation	Entegra Power Group, LLC Contact: Rebecca Turner	Participation	January
WGQ	Services	EnergySouth Midstream, Inc. Contact: Russell Murrell	Participation	January
WGQ	Producer	Foothills Energy Ventures, LLC Contact: Marty Patterson	Participation	January
WGQ	Services	Goodrich Petroleum Company, LLC Contact: Bill Hebenstreit	Participation	July
WGQ	Producer	Husky Energy Marketing, Inc. Contact: Jan Bindon	Participation	**August****
WGQ	End Users	Husky Marketing and Supply Company Contact: Jan Bindon	Participation	**August****
WGQ	Producer	Husky Gas Marketing, Inc. Contact: Jan Bindon	Participation	**August****
REQ	Services	ICF International Contact: David Pickles	Participation	June
WGQ	Producer	Noble Energy, Inc. Contact: Richard D. Smith	Participation	July
REQ	Supplier	North Carolina Advanced Energy Corporation Contact: Robert K. Koger	Participation	July
WGQ	Services	OGE Energy Resources, Inc. Contact: Cary Metz	Participation	February
WEQ	Distribution	Public Power Council Contact: Nancy Baker	Participation	February
WEQ	Transmission	San Diego Gas & Electric Company Contact: Patricia vanMidde	Participation	January
WEQ	Transmission	Santee Cooper Contact: Tom Abrams	Participation	February
RGQ	Supplier	Vectren Retail, LOC Contact: Tami Wilson	Participation	January
WGQ	Services	Vega Energy Partners, Ltd. ***(rejoined)***	Participation	May

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 3

North American Energy Standards Board
New Members since January 2008

WEQ	Generation	Westar Energy, Inc. Contact: Shah Hossain	Participation	June

****** Membership dues not yet received.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 4

North American Energy Standards Board
Member Resignations in 2006

Quadrant	Segment	Contact and Company	Reason Resigned	Month Resigned
WEQ	Transmission	American Electric Power Service – John Stough	No reason given for non renewal.	December
WEQ	Generation	Aquila, Inc. – Tom Saitta	No response to request for payment 12/18/06.	December
WEQ	End User	Boeing Company, Steve LaFond	Consolidating multiple memberships	February
WEQ	Generation	Calpine Corporation, William Taylor/Jim Stanton	Shifting Priorities	May
REQ	Supplier	Calpine Energy Services, LP, Janet Dixon	Contact left, company no longer interested in renewing membership	October
WGQ	End User	Cinergy	Company merger with Duke	September
WGQ	End User	Cinergy – regulated, John 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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 4

North American Energy Standards Board
Member Resignations in 2006

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 4

North American Energy Standards Board
Member Resignations in 2007

Quadrant	Segment	Contact and Company	Reason Resigned	Month Resigned
WGQ	Services	American Electric Power Service Corporation	No reason given for non renewal	March
WGQ	LDC	American Public Gas Association	No reason given for non renewal	October
WGQ	End User	Arizona Public Service Company	No reason given for non renewal	March
WGQ	Pipeline	Bridgeline Gas Marketing	No reason given for non renewal	September
WGQ	Producer	Burlington Resources	Acquired by ConocoPhillips who is a member	March
WEQ	Generation	Dept. of Interior, U.S. Bureau of Reclamation – Dr. Karl Wunderlich	No reason given for non renewal	December
WEQ	End User	Electricity Consumers Resource Council – John Anderson and John Hughes		August
WGQ	LDC	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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 4

North American Energy Standards Board
Member Resignations in 2008

Quadrant	Segment	Contact and Company	Reason Resigned	Month Resigned
RGQ	Supplier	Center Point Energy Minnegasco	Contact (Andrea Newman) left company – new contact Tracy Bridge did not want to renew	February
WEQ	Marketer/Broker	Conective Energy Supply, Inc.	Company decision to only keep "one" active membership	February
WEQ	Generation	Constellation Energy	Company decision to not renew	June
RGQ	Services	Energy Services Group, Inc.	Company decision to not renew due to resources	February
WGQ	LDC	Equitable Gas Company	Company decision to not renew due to resources	July
WEQ	Transmission	Florida Reliability Coordinating Council	No reason given for non renewal	January
WGQ	Pipeline	H S Resources, Inc.	No reason given for non renewal	February
WEQ	End User	Ohio Consumers Council	Company decision to not renew due to resources	February
RGQ	Distributor	Public Service Electric & Gas	No reason given for non renewal	February
WEQ	End User	ChevronTexaco Energy Research	No reason given for non renewal	March
WEQ	Transmission	Imperial Irrigation District	Already participating in other segment	April
WGQ	Services	J.P. Morgan Ventures Energy	No reason given for non renewal	April
WEQ	Transmission	Michigan Electric Transmission Company	No reason given for non renewal	April
RGQ	End User	Indiana Office of Utility Consumers	Company decision to not renew due to resources	April
RGQ	Distribution	Niagara Mohawk	Company decision to not renew due to resources	April
RGQ	End User	Ohio Consumers Council	Company decision to not renew due to resources	April
RGQ	Supplier	UBS Energy LLC	No reason given for non renewal	April
REQ	End User	Wal-Mart Stores, Inc.	No reason given for non renewal	April
REQ	End User	Ohio Consumers Council	Company decision to not renew due to resources	April
WGQ	End User	Florida Reliability Coordinating Council	No reason given for non renewal	April
WEQ	Transmission	Oncor	Company decision to not renew due to resources	May
REQ	Distribution	Gulf Power Company	Company decision to not renew due to resources	June
WEQ	End User	Maryland People's Counsel	No reason given for non renewal	June

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 4

North American Energy Standards Board
Member Resignations in 2008

REQ	Distribution	Mississippi Power Company	Company decision to not renew due to resources	June
WGQ	Pipeline	Reliance Gas Transportation Infrastructure	Unable to confirm renewal payment of dues	September
WEQ	Generation	Sacramento Municipal Utility District	Company decision to only have "1" membership in NAESB	July
WEQ	Distribution	Salt River Project Agricultural	Company decision to only have "2" memberships in NAESB	September
REQ	Supplier	TXU Energy Retail	Non renewal	September

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 5

North American Energy Standards Board September 17, 2008

Vacant Seats	Quadrant	Seat	Segment	Subsegment
14	Retail Electric	Board (7)	Supplier (3) End User (3) Service Providers (1)	
		Executive Committee (7)	End User (4) Services (1) Supplier (2)	
37	Retail Gas	Board (18)	Distribution (3) End User (6) Service Providers (3) Suppliers (6)	
		Executive Committee (19)	Distribution (2) End User (6) Service Providers (6) Suppliers (5)	
12	Wholesale Electric	Board (7)	Distribution/Load Serving Entities (LSE) (1)	IOU (1)
			Marketers/Brokers (1)	Not IOU Affiliated (1)
			End User (5)	End Use-Also in another segment (at large) (1) End Use-Self Generator (at large) (1) Commercial/Residential (at large) (1) Large Industrial (at large) (2)
		Executive Committee (5)	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 (at large) (1)
1	Wholesale Gas	Board (1)	Services (1)	
		Executive Committee (0)		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Attachment 6

North American Energy Standards Board
Membership as of June 18, 2008

Member Company	Quadrant	Segment	Contact
8760, Inc.	WGQ	s	Jim Buccigross
ACES Power Marketing LLC	WEQ	m	Roy J. True
AGL Resources Inc.	RGQ	d	Katrina Bond
Alabama Electric Cooperative, Inc.	WEQ	d	William Ronald Graham
Alabama Power	REQ	d	Judy W. Ray
Alberta Electric System Operator	WEQ	i	Diana Pommen
Allegheny Energy, Inc.	WEQ	t	Terri Grabiak
Allegro Development	RGQ	s	Kimberly Page
Alliance Pipeline LP	WGQ	pl	Jim Goldmann
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	d	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, Steven Abbey
ANR Pipeline Company	WGQ	pl	Sandy Meyers
Apache Corporation	WGQ	pr	Kelley Powell
APS Marketing and Trading	WEQ	m	Steve Norris
Arizona Public Service Company	WEQ	t	Mark W. Hackney
Arizona Public Service Company	WGQ	e	Tom Carlson, Kelly Daly
Atmos Energy	WGQ	pl	Steve Easley
Ballard Natural Gas, LLC	WGQ	s	Susan Thibodeaux
Baltimore Gas & Electric Co.	REQ	d	Ruth Kiselewich
Baltimore Gas & Electric Co.	WGQ	l	Phil Precht
Baltimore Gas & Electric Company	RGQ	d	Phil Precht
Barclays Bank PLC	WGQ	s	Guy Kern-Martin
Basin Electric Power Cooperative	WEQ	g	Jason Doerr
Basin Electric Power Cooperative	WEQ	m	David Raatz
Basin Electric Power Cooperative	WEQ	t	Dan Klempel
Bentek Energy, LLC	WGQ	s	E. Russell Braziel

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

BG Energy Merchants, LLC	WGQ	s	Martha Braddy
Black Hills Corporation	WEQ	t	Larry D. Williamson
Boardwalk Pipelines, LP	WGQ	pl	Randy Young, Mitch Whitehead
Boeing Company	WGQ	e	Tina Burnett
Bonneville Power Administration	WEQ	d	Sydney D. Berwager
Bonneville Power Administration	WEQ	g	Francis Halpin
Bonneville Power Administration	WEQ	m	Brenda Anderson
Bonneville Power Administration	WEQ	t	Barbara Rehman
BP America, Inc.	WEQ	e	Jeanne Zaiontz
BP Energy	WGQ	pr	Bill Benham, Rhonda Denton
British Columbia Transmission Corporation	WEQ	t	Rohan Soulsby
California Department of Water Resources	WEQ	g	William (Bill) Forsythe
California ISO	WEQ	i	Yakout Mansour
Calpine Energy Services, LP	WGQ	e	Shonnie Daniel, Craig Chancellor
Cargill Incorporated	WGQ	s	Kathy Gerken
Carolina Gas Transmission Corporation	WGQ	pl	Ryan Leahy
Cascade Natural Gas Corporation	WGQ	l	Mark Sellers-Vaughn
CenterPoint Energy Gas Services, Inc.	WGQ	s	James G. Beste, Larry Kunkle
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
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	Claire Burum
Commerce Energy Group	RGQ	s	Greg Lander
Comprehensive Energy Services	WEQ	e	Jim Templeton
Comprehensive Energy Services	WGQ	e	Jim Templeton
Conectiv Energy Supply, Inc.	WEQ	g	Gloria Ogenyi
ConocoPhillips Gas and Power	WGQ	pr	Peter Frost
Consolidated Edison Company of NY	REQ	d	Adrienne Austin
Consolidated Edison Company of NY	WGQ	l	Scott Butler, Paul Olmsted
Consolidated Edison Company of NY, Inc.	WEQ	t	Scott Butler
Constellation Energy Commodities Group, Inc.	WGQ	s	Lisa Simpkins
Constellation NewEnergy, Inc.	REQ	su	Janson Pollock
Consumers Energy Company	WEQ	d	Andrew C. Dotterweich, Frank Johnson
Coral Energy Resources, LP	WGQ	s	Eric Gillaspie

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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
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	Gregory V. Staton
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	Susan Munson
Electric Reliability Council of Texas (ERCOT)	WEQ	i	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	Mark Marini
Energy East Management Corporation	WGQ	l	Mark Marini
EnergySouth Midstream, Inc.	WGQ	s	Russell Murrell
Entegra Power Group, LLC	WEQ	g	Rebecca Turner
Entergy Services, Inc.	WEQ	t	Edward J. Davis, Narinder Saini
Entergy Services, Inc.	WGQ	e	Laura Berryman, Terry Shields
Enterprise Products Partners, LP	WGQ	pl	Richard W. Porter
Exelon Corporation - PECO Energy	WEQ	d	John McCawley

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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	Kerrie Anne Lanigan
ExxonMobil Gas & Power Marketing Company a division of Exxon Mobil Corporation	WGQ	pr	Jim Hanrahan
First Energy Service Company	WEQ	d	Robert M. Martinko, Thomas C. Burgess
FirstEnergy Solutions Corp.	WEQ	m	Mark Travaglianti
Florida Municipal Power Agency	WEQ	d	Steven H. McElhaney
Florida Municipal Power Agency	WEQ	g	Robert C. Williams
Florida Power & Light Company	WEQ	m	Gerry Yupp, Tim Gerrish
Florida Power & Light Company	WEQ	t	Marty Mennes
Florida Power & Light Company	WGQ	e	Dona Gussow, Art Morris
Foothills Energy Ventures, LOC	WGQ	pr	Marty Patterson
FPL Energy Power Marketing, Inc.	WGQ	e	Michael Jessop
Gas Transmission Northwest Corporation	WGQ	pl	Jay Story
Georgia Transmission Corporation	WEQ	t	Patrick McGovern
Goodrich Petroleum Company, LLC	WGQ	s	Bill Hebenstreit
Great Lakes Gas Transmission	WGQ	pl	Gene Fava
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
ICF International	REQ	s	David Pickles
Idaho Power Company	WEQ	t	Tessia Park
Imperial Irrigation District	WEQ	m	Kim M. Kiener, Frank M. Barbera
Imperial Irrigation District	WGQ	e	William Rapp
Independent Electricity System Operator (IESO)	WEQ	i	Ron Falsetti, Biju Gopi
Indiana Muncipal Power Agency	WEQ	g	Dick Foltz
Integrys Energy Group, Inc.	WGQ	l	David E. Wear
International LNG Alliance	RGQ	s	David Sweet
Interstate Gas Supply	RGQ	su	Ginger Fletcher
Iroquois Gas Transmission System	WGQ	pl	Tom Gwilliam
ISO New England, Inc.	WEQ	i	Matthew F. Goldberg
ista North America	REQ	s	Charles Porter
Kern River Gas Transmission Company	WGQ	pl	Brenda Horton
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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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
Mewbourne Oil Company	WGQ	pr	Michael F. Shepard
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
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 Gas Distribution Companies	WGQ	l	Dolores Chezar
National Grid USA	WGQ	l	Bruce Garcy
National Rural Electric Cooperative Assoc.	WEQ	d	Barry Lawson
Natural Gas Pipeline Co of America	WGQ	pl	Paul Love
Navigant Consulting, Inc.	WEQ	m	Richard G. Smead
New Jersey Natural Gas Company	WGQ	l	Douglas C. Rudd
New York Independent System Operator	WEQ	i	Rana Mukerji
New York State Dept. of Public Service	WEQ	e	William Heinrich
New York State Reliability Council	WEQ	d	P. Donald Raymond
Nexen Marketing	WGQ	s	Shelley Leavitt
NiSource Inc.	WGQ	l	George Simmons
Noble Energy, Inc.	WGQ	pr	Richard D. Smith
North American Electric Reliability Corporation (NERC)	WEQ	d	Donald M. Benjamin, Larry Kezele, Tom Vandervort
North Carolina Advanced Energy Corporation	REQ	su	Robert K. Koger
North Carolina Electric Membership Corporation	WEQ	d	David Beam
North Carolina Electric Municipal Power Agency #1	WEQ	d	Matt Schull
North Carolina Electric Municipal Power Agency #1	WEQ	m	Clay A. Norris
Northeast Utilities Service Company	WEQ	t	David Boguslawski, Calvin A. Bowie
Northern Border Pipeline Company	WGQ	pl	Scott Coburn
Northern Indiana Public Service Company (NiSource)	RGQ	d	George Simmons
Northern Natural Gas	WGQ	pl	Mary Darveaux
Northwest Natural Gas Company	WGQ	l	Randolph Friedman

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Northwestern Corporation	WEQ	t	Mike Cashell
NOVA Gas Transmission Ltd.	WGQ	pl	Doug Miller
NRG Energy, Inc.	WEQ	g	Jennifer J. Vosburg, Alan Johnson
OCE Energy Resources, Inc.	WGQ	s	Cary Metz
Office of Public Advocate, State of Maine	REQ	e	Agnes Gormley
Oncor	REQ	d	Larry Williford, Debbie McKeever
ONEOK	WGQ	l	Richard Tangeman
ONEOK Partners GP, LLC	WGQ	pl	Teri Tingler
Ontario Power Generation	WEQ	g	Colin Anderson, David Barr
Open Access Technology International, Inc.	WEQ	e	Michehl Gent
Open Access Technology International, Inc.	WEQ	t	Paul R. Sorenson
Otter Tail Power Company	WEQ	t	Daryl Hanson, Larry Larson
Ozark Gas Transmission, LLC	WGQ	pl	David A. Harrell
Pacific Gas & Electric	WGQ	l	John Breen, Don Petersen
PacifiCorp	WEQ	g	Greg Maxfield
PacifiCorp	WEQ	m	Edison G. Elizeh, John Apperson
PacifiCorp	WEQ	t	Shay Labray
Panhandle Eastern Pipe Line Co.	WGQ	pl	William Grygar, Kim Van Pelt
PECO Energy Co.	WGQ	l	Reed R. Horting, Amy Hamilton
Pemex Gas Y Petroquimica Basica	WGQ	s	Juan Enrique Gonzalez Azuara
Pennsylvania Office Of Consumer Advocate	REQ	e	Tanya J. McCloskey, Sonny A. Popowsky
Pennsylvania Office of Consumer Advocate	RGQ	e	Tanya J. McCloskey
Peoples Gas System (A division of Tampa Electric Co)	WGQ	l	Wraye Grimard
PHI Power Delivery	WEQ	t	Ken Gates
PJM Interconnection	WEQ	i	Patrick Brown
Platts	WGQ	s	Bill Murphy
Portland General Electric	WEQ	m	John Jamieson
Portland General Electric	WEQ	t	Frank Afranji
Portland Natural Gas Transmission System	WGQ	pl	David Haag
Powerex Corp.	WEQ	m	Michael L. McWilliams, Sharole Tylor
PPL Electric Utilities Corporation	WEQ	t	Ray Mammarella
PPL EnergyPlus, LLC	WGQ	e	Anne Lovett
PPL Solutions, LLC	REQ	s	James M. Minneman
Progress Energy	WEQ	t	Nina M. McLaurin, Phillip W. Lewis
Progress Energy (regulated)	WEQ	m	James Eckelkamp
PSEG Energy Resources and Trade LLC	WEQ	m	James D. Hebson
PSEG Power LLC	WEQ	g	Thomas M. Piascik
Public Power Council	WEQ	d	Nancy Baker
Public Service Company of New Mexico	WEQ	m	Steven Maestas
Public Service Electric & Gas	REQ	d	Terrence Moran
Public Service Electric & Gas	WGQ	l	David Wohlfarth

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Public Service Electric and Gas Company	WEQ	d	Jeffrey C. Mueller
Public Service Electric and Gas Company	WEQ	t	Kenneth D. Brown
Puget Sound Energy, Inc.	WEQ	t	George Marshall, Bob Harshbarger
Qualedi, Inc	WEQ	g	Stephen A. Morocco
Questar Pipeline Co.	WGQ	pl	Scott Hansen
Quorum Business Solutions Inc.	WGQ	s	Anne Golenternek, Michael Lewis
Reliant Energy Services	WEQ	g	Gary A. Hinners
Sabine Pipe Line LLC	WGQ	pl	Jan Rogers
Sacramento Municipal Utility District	WEQ	d	W. Shannon Black
Salt River Project Agricultural Improvement & Power District	WGQ	e	Lori-Lynn C. Pennock
Salt River Project Agricultural Improvement and Power District	WEQ	m	Mark S. Mitchell
Salt River Project Agricultural Improvement and Power District	WEQ	t	Steve Cobb
San Diego Gas & Electric Company	WEQ	t	Patricia vanMidde
Santee Cooper	WEQ	t	Tom Abrams
Seattle City Light	WEQ	d	Marilynn Semro
Seminole Electric Cooperative, Inc.	WEQ	m	Steve Wallace
Sempra Energy - Southern California Gas Co.	WGQ	l	Lee Stewart, Rodger Schwecke
Sequent Energy Management, L.P.	WGQ	s	Pat Metteauer
Sierra Pacific Resources	WEQ	m	Sheryl Torrey
Sierra Pacific Resources	WEQ	t	Patricia Englin
SolArc, Inc.	WGQ	s	Chuck McClure
South Carolina Electric & Gas Company	WEQ	m	Kevin Spitzform
South Carolina Electric & Gas Company	WEQ	t	S. Porcher Stoney
Southeastern Power Administration	WEQ	g	Bob Goss
Southern California Edison	WEQ	t	Weston Williams
Southern California Edison Company	WEQ	g	Tracy Bibb
Southern California Edison Company	WGQ	e	Roman Bakke
Southern Company Services	REQ	s	Barbara Hingst
Southern Company Services, Inc.	WEQ	d	Gary Rozier, 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	Philip Rullman, 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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Spectra Energy Transmission	WGQ	pl	Richard Kruse
Sprague Energy Corp.	RGQ	su	Nicole D. Spaur
Structure Group	REQ	s	Stacey Wood
SUEZ Energy Marketing NA, Inc.	WEQ	m	Ken Lackey, Cesar Seymour
SUEZ Energy Marketing NA, Inc.	WGQ	s	Shirley Tidor
Sungard	WEQ	e	Andrew Tritch
SunGard	WGQ	s	Lucia Nail
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	Belinda Thornton
Tennessee Valley Authority	WEQ	t	Chuck Feagans
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	t	Raquel Aguilar, Judy Fregoso, Ed Beck
UBS Energy LLC	WGQ	s	Suzanne Calcagno
UGI Utilities, Inc.	RGQ	d	Paul Szykman
Vector Pipeline L.P.	WGQ	pl	Amy Bruhn
Vectren Retail, LLC	RGQ	su	Tami Wilson
Vega Energy Partners, Ltd.	WGQ	s	Julie Pincus
Vermont Public Power Supply Authority	WEQ	g	William J. Gallagher
Virginia Power Energy Marketing, Inc.	WGQ	s	Paul Pfeffer
Washington Gas Light Co.	WGQ	l	Adrian Chapman , Ken Yagelski
We Energies	WEQ	d	Linda Horn
We Energies	WEQ	g	James R. Keller
Westar Energy, Inc.	WEQ	g	Shah Hossain
Western Area Power Administration	WEQ	m	Jeffrey Ackerman
Western Area Power Administration	WEQ	t	Mark Fidrych
Western Electricity Coordinating Council	WEQ	g	Michelle Mizumori, Louise McCarren
Westfield Gas & Electric Light Dept.	WGQ	l	Joyce Bodak
Williams Gas Marketing, Inc.	WGQ	s	Rich Ficken
Williams Gas Pipeline	WGQ	pl	Dale Davis
Williston Basin Interstate Pipeline	WGQ	pl	Keith Tiggelaar
Wisconsin Public Power Inc.	WEQ	d	Mike Stuart

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Wisconsin Public Service Corporation	REQ	d	Dennis Derricks, Les Nishida, Ken Thiry
Wisconsin Public Service Corporation	RGQ	d	Dennis Derricks, Ken Thiry, Les Nishida
Wisconsin Public Service Corporation	WEQ	g	Tom Webb, Charles W. Severance, Neal Balu
Xcel Energy	RGQ	d	Don Basler
Xcel Energy Inc.	WEQ	m	David Lemmons

To Register

Fax the form below to 713-356-0067, or mail it to NAESB,1301 Fannin, Suite 2350, Houston, TX 77002.

Cancellation Policy

Refunds requested in writing prior to October 21, 2008 will be subject at a $30 processing fee. No refunds will be granted after October 21, 2008.

Registration Form

NAESB eTariff Standards - Electronic Tariff Filing

October 21, 2008

Name: _____

E-mail: _____

Company: _____

Phone: _____

Address: _____

_____

_____

Form of Payment: Check _____ Visa _____

MasterCard _____ American Express _____

Card No.: _____

Exp.: _____ Amount charged: _____

Signature: _____

Registration fee: Members, $300; Nonmembers, $400, ***(Register by October 7, 2008 and SAVE! - Members, $200, Nonmembers $300) Registration fee is waived for staff of federal or state regulatory agencies.***

North American Energy Standards Board
1301 Fannin, Suite 2350
Houston, TX 77002

Important class information enclosed. Register early and save!

NAESB
eTariff Standards - Electronic Tariff Filing Workshop

October 21, 2008
Baltimore, MD

NAESB
eTariff Standards - Electronic Tariff Filing Workshop

When

Tuesday, October 21, 2008
8:00 A.M. - 4:00 PM (Eastern Time)

Where

Marriott Baltimore/Washington Int'l Airport
1743 West Nursery Road
Baltimore, MD 21240
(410) 859-8300

Purpose of Seminar

This course is designed to provide an overview of NAESB eTariff Business Practice Standards that apply to federally jurisdictional entities for the wholesale gas and electric markets and for oil pipelines. Students will be introduced to the definitions, standards and Appendix A - Implementation Guide for Electronic Tariff Filing. Students will learn how to implement the Electronic Tariff Filing in house and via third party solutions. Technology issues will also be addressed during the course.

The class will discuss the NAESB approved standards with respect to the electronic filing of tariffs and the procedures proposed by the Commission in the Notice of Proposed Rulemaking. If the Commission makes any changes to those procedures or standards in the final rule, supplemental materials will be provided to all attendees.

Who Should Attend

This course is designed for those responsible for preparing and submitting tariffs, rate schedules and service agreements pursuant to Title 18 Code of Federal Regulations Parts 35, 154, 284, 300, 341 or Parts as required by FERC.

Prerequisite

Attendees are encouraged to familiarize themselves with the NAESB report regarding electronic tariff filings submitted to the FERC on April 15, 2008. They are invited to bring specific questions about standards to the workshop.

Format

This course is composed of formal presentations, using handouts and slides, and open discussion. The standards and materials will be provided to the attendees on CD.

Content

NAESB Process

Ms. McQuade, President and COO of NAESB will explain the NAESB process and procedures used to develop the eTariff standards, and will review the structure of the organization, its work products and participation in NAESB.

eTariff Standards

Presenter, Leigh Spangler is a NAESB Board Member, Co-Chair of the NAESB WGQ EDM Subcommittee and President of Latitude Technologies, a provider of technology services to the energy industry. Mr. Spangler will lead discussion and review of the NAESB standards related to electronic tariff filings. Mr. Spangler was a key contributor to the creation of the eTariff standards.

How to Implement the Electronic Tariff Filing

Mr. Spangler will describe the process and the various mechanisms, data tables, code values/ reference tables, and technical specifications used in the submission of eTariff filings. Specifically the course will describe:

- The components of eTariff filings, including Tariff metadata
- The placement of these components into identifying information in an XML schema
- The compilation of these components and their accompanying tariff records into a filing package for electronic tariff filing at FERC
- The options available for implementation

Other workshops are scheduled for:

- Austin, Texas
  Friday, November 21, 2008
- New Orleans, LA
  Monday, January 12, 2009

For More Information

Phone 713-356-0060, or go to www.naesb.org/materials/training.asp to see a detailed schedule.

FEDERAL ENERGY REGULATORY COMMISSION
NEWS

September 18, 2008
Docket No. RM01-5-000

NEWS MEDIA CONTACT
Celeste M. Miller - 202.502.8680

FERC Finalizes Electronic Filing of Tariffs

The Federal Energy Regulatory Commission (FERC) today finalized a rule requiring all tariff filings by public utilities, natural gas pipelines and oil pipelines be made electronically.

The standards and protocols governing the electronic tariff filings are the product of a collaborative effort among FERC staff, the electric and gas industry members of the North American Energy Standards Board and the Association of Oil Pipelines. The standards and protocols will result in a highly efficient system of electronic filing that will make tariff information accessible to the public from FERC's web site. Implementation of the electronic tariff filing requirements will begin in 18 months to permit sufficient time for software development.

"This final rule on electronic tariff filings is a milestone. We have worked on this for some time knowing that the final outcome would create efficiency and functionality for the industry," FERC Chairman Joseph T. Kelliher said. "I want to thank all who worked on making this a reality and also the individuals who attended the many meetings that were held throughout this process."

The new standards "will provide each company with enhanced flexibility to develop software to better integrate tariff filings with their individual tariff maintenance and business need," the rule states. The newly created database also will allow users to conduct historical research into tariffs and track activity, and also create automatic e-mail notification to an applicant of receipt of a filing and whether the filing has been accepted. The rule also will reduce physical storage space needs and processing time at FERC.

The rule also provides that FERC staff will convene technical conferences with the industries to review development progress and to establish a staggered six-month schedule for initial implementation.

The Federal Power Act, the Natural Gas Act and the Interstate Commerce Act require regulated entities to file with FERC their transmission tariffs outlining the rates, terms and conditions for service on electronic transmission systems and interstate natural gas and oil pipelines.

A Notice of Proposed Rulemaking (NOPR) was issued in July 2004, followed by a Supplemental NOPR in April of this year.

-30-

R-08-51

124 FERC ¶ 61,270
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

18 CFR Parts 35, 131, 154, 157, 250, 281,
284, 300, 341, 344, 346, 347, 348, 375 and 385

[Docket No. RM01-5-000; Order No. 714]

Electronic Tariff Filings

(Issued September 19, 2008)

AGENCY: Federal Energy Regulatory Commission.

ACTION: Final Rule.

SUMMARY: The Federal Energy Regulatory Commission is revising its regulations to require that all tariffs and tariff revisions and rate change applications for the public utilities, natural gas pipelines, oil pipelines and power administrations be filed electronically according to a set of standards developed in conjunction with the North American Energy Standards Board. This rule is part of the Commission's efforts to comply with the Paperwork Reduction Act, the Government Paperwork Elimination Act (GPEA), and the E-Government Act of 2002 by developing the capability to file electronically with the Commission via the Internet. Electronic filing reduces physical storage space needs and document processing time, provides for easier tracking of document filing activity; potentially reduces mailing and courier fees; allows concurrent access to the tariff filing by multiple parties as well as the ability to download and print tariff filings; and provides automatic e-mail notification to an applicant of receipt of the

filing and whether or not it has been accepted. Upon implementation of this rule, the Commission will no longer accept tariff filings submitted in paper format.

EFFECTIVE DATES: This rule will become effective **[Insert_Date days after publication in the FEDERAL REGISTER].** Implementation will begin April 1, 2010 pursuant to a six month staggered schedule.

FOR FURTHER INFORMATION CONTACT:

H. Keith Pierce (Technical Information)
Office of Energy Market Regulation
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426
(202) 502-8525
Keith.Pierce@ferc.gov

Anthony Barracchini (IT Information)
Office of the Executive Director
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426
(202) 502-8940
Anthony.Barracchini@ferc.gov

Andre Goodson (Legal Information)
Office of the General Counsel
Federal Energy Regulatory Commission
888 First Street, N.E.
Washington, D.C. 20426
(202) 502-8560
Andre.Goodson@ferc.gov

SUPPLEMENTARY INFORMATION:

124 FERC ¶ 61,270
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Electronic Tariff Filings Docket No. RM01-5-000

ORDER NO. 714

FINAL RULE

TABLE OF CONTENTS

Paragraph Numbers

I. Background ..... 2.

II. Discussion ..... 9.
A. Electronic Filing Requirements ..... 15.
1. Companies Required to File Tariffs Electronically ..... 15.
2. Procedures for Making Tariff Filings ..... 16.
3. XML Schema and Tariff Database ..... 23.
B. Tariff Filing Requirements ..... 33.
1. Sheets or Section Filing Requirements ..... 35.
2. Gas and Electric Open Access Transmission Tariffs ..... 40.
3. Versioning ..... 46.
4. Marked Tariff Changes ..... 52.
5. Clean Tariff Sheets Filed as Attachments ..... 58.
6. Joint, Shared, and Section 206 Filings ..... 60.
a. Joint Tariff Filings ..... 61.
b. Shared Tariffs ..... 65.
c. Section 206 Filings Related to ISOs/RTOs ..... 74.
C. Other Business Practice Changes ..... 77.
1. Electronic Service ..... 77.
2. Attachment Documents ..... 79.
3. Withdrawal of Pending Tariff Filings and Amendments to Tariff Filings ..... 80.
4. Motions ..... 83.
5. Rate Sheets for Tariff Filings by Intrastate and Hinshaw Pipelines ..... 84.
D. Regulatory Text ..... 86.
E. Transition Procedures ..... 87.
1. Testing of Software ..... 87.
2. Baseline Tariff Filings ..... 92.
3. Implementation Date for eTariff ..... 102.

III. Information Collection Statement ..... 105.
A. Comments on the NOPR's Burden Estimates ..... 107.
B. Burden Estimates ..... 113.
IV. Environmental Analysis ..... 119.
V. Regulatory Flexibility Act ..... 120.
VI. Document Availability ..... 122.
VII. Effective Date and Congressional Notification ..... 125.

Regulatory Tex
Appendix

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

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

Electronic Tariff Filings Docket No. RM01-5-000

ORDER NO. 714

FINAL RULE

(Issued September 19, 2008)

1. The Commission in the last several years has expanded its capability to accept electronic filings. As part of this process, the Commission has sought to develop a means by which publicly regulated utilities could file tariffs, rate schedules, and other jurisdictional contracts and agreements electronically in a fashion that would permit the Commission to assemble and organize the disparate pieces of these agreements for display and for use by the Commission and the public. Commission staff in collaboration with the wholesale electric and gas quadrants of the North American Energy Standards Board (NAESB), and representatives from the Association of Oil Pipelines (AOPL) developed a set of standards to be used by companies in making tariff and tariff related filings at the Commission. The Commission is adopting these standards as the requirement for making tariff and tariff related filings.

I. Background

2. The development of these standards began in 2004 with a Notice of Proposed Rulemaking[1] in which the Commission proposed to require public utilities, power administrations, interstate and intrastate gas pipelines, and oil pipelines to file tariff and tariff related material electronically. The Commission proposed to develop an electronic tariff database to store tariff and tariff related information for retrieval by Commission staff and the public. In order to implement a tariff database system that would permit such functionality, Commission staff developed a software system for tariff filings similar to that used in filing forms with the Commission. Commission staff worked with many industry representatives and experts to test this software and held public meetings to demonstrate and receive comment on the software.

3. While some commenters supported using the Commission-provided software as an acceptable solution, others were concerned that this software might not work well for making tariff filings. Some also were concerned that the Commission software would not integrate well with their existing tariff management systems and that formatting tariffs to fit the parameters of the software could be difficult or time consuming.

---

[1] Electronic Tariff Filings, Notice of Proposed Rulemaking 69 FR 43,929 (July 23, 2004) FERC Stats. & Regs., Proposed Regulations 2004-2007 ¶ 32,575 (2004) (2004 NOPR), Notice of Additional Proposals and Procedures, 70 FR 40941 (July 15, 2005), FERC Stats. & Regs. ¶ 35,551 (2005) (2005 Notice). The 2004 NOPR was the result of an earlier Notice of Inquiry and Informal Conference in this same proceeding (Electronic Tariff Filings, 66 FR 15673 (March 20, 2001), FERC Stats. & Regs. ¶ 35,538, at 35,789-91 (2001)).

4. As a result of the review of the comments, on February 1, 2007, a public meeting was held with NAESB to discuss NAESB's assistance in the process of developing the protocols, standards, and data formats needed to provide tariff and related data to enable the Commission to develop a database to track electronic tariff and rate schedules filings. At the meeting, NAESB agreed to develop these standards and report back to the Commission.

5. NAESB established two committees, a business eTariff Subcommittee and an eTariff Technical Task Force. These committees included representatives from the wholesale natural gas industry, wholesale electric industry, oil pipelines, intrastate natural gas pipelines, and third party software developers who worked along with Commission staff to develop the applicable standards. Between February 1, 2007 and January 23, 2008, these committees held a total of 16 meetings in various cities over 24 days. Total attendance in all the meetings was 991 participants either in person or by electronic conferencing, with an average attendance of 62 people for each meeting.

6. The committees determined not to use the Commission developed software, but instead to develop standards that would enable individual companies to develop or procure software for making tariff filings that would best meet the needs of each company's business requirements. The Executive Committees for both the Wholesale Gas and Wholesale Electric Quadrants of NAESB approved the standards on March 4, 2008, and the NAESB membership ratified the standards on April 4, 2008.

7. On April 15, 2008, NAESB filed the standards with the Commission along with a record of the NAESB proceedings. This material included questions about the policies to be followed in using the standards to make tariff filings. NAESB also provided a copyright waiver stating: "While the eTariff standards are copyrighted by NAESB, a limited waiver is granted to the FERC to modify and post any excerpts of the eTariff standards and eTariff work products that they deem appropriate. These excerpts will be available for companies to reproduce only for their own internal use."

8. On April 17, 2008, the Commission issued a Supplemental Notice of Proposed Rulemaking (NOPR) proposing to use the NAESB developed standards as the means to effectuate electronic tariff filing.[2] The NOPR also proposed solutions to several issues raised during the NAESB process, such as the filing process for shared and joint tariffs. Twenty comments were filed, with most generally favoring the use of the NAESB standards.[3]

II. Discussion

9. As the background indicated, this proceeding has followed a long and winding road, with a number of detours and U-turns, but we have reached the end of the road and

[2] As used in this Final Rule, the "NAESB standards" or "standards" refer to a set of data elements and requirements that are posted on the Commission website. Instruction Manual for Electronic Filing of Parts 35, 154, 300, 341 and 284 Tariff Filings. (http://elibrary.ferc.gov/idmws/common/OpenNat.asp?fileID=11683627)

[3] Appendix A lists the commenters and the abbreviations used for each.

are adopting a final set of standards for electronic tariff filings.[4] We again want to thank NAESB, its Board of Directors, and the numerous volunteers from across the spectrum of the gas, electric, and oil industries who were able to meet with staff and develop a set of standards and protocols that will achieve the Commission's goal of establishing a robust electronic filing environment for tariffs and tariff related material and will make it possible for the Commission staff and the public to retrieve this material from a database. We will adopt the standards and protocols developed through the NAESB collaborative process in place of providing Commission-created software. Adoption of these standards and protocols will provide each company with enhanced flexibility to develop software to better integrate tariff filings with their individual tariff maintenance and business needs. These standards and protocols also will provide an open platform permitting third-party software developers to create more efficient tariff filing and maintenance applications, which will spread the development costs over larger numbers of companies.

10. Over the last few years, the Commission has greatly expanded its ability to accept electronically filed material, including interventions, protests, rehearings, complaints, and

[4] Smith v. Lachter (In re Smith), 352 B.R. 702 (B.A.P. 9th Cir. 2006) ("This matter is reminiscent of that old Beatles' standard, 'The Long and Winding Road,' a brooding song about a road that never ends. One can only hope that, with this opinion, the end of the road is indeed in sight").

applications for certificates and licenses.[5] We now are expanding these filings to include tariffs and tariff-related material, which comprise a large portion of the Commission's workload. But tariff filings raise special challenges that our current filing systems do not address. eLibrary is designed and works extremely well as a repository that stores, and permits retrieval of, all documents filed in individual docketed proceedings. But while an individual tariff filing is made in an individual docket, the tariff itself is an organically changing document that is comprised of individual filings made in many different dockets over time. In order for the Commission and the public to obtain a complete picture of a company's tariff, these various provisions need to be integrated into a single system that will provide information as to the status of tariff provisions, permit the assembly of a complete tariff, and permit tariff related research. Indeed, for tariffs filed on paper, the Commission has managed these tariffs as a database by keeping tariff books, open to the public at our headquarters, in which new pages are inserted to replace old pages to reflect revisions, and such changes are recorded in "numbering" sheets to

[5] See Electronic Registration, Order No. 891, 67 FR 52,406 (Aug. 12, 2002), FERC Stats. & Regs. ¶ 31,132 (2002); Electronic Filing of FERC Form 1, and Elimination of Certain Designated Schedules in Form Nos. 1 and 1F, Order No. 626, 67 FR 36,093 (May 23, 2002), FERC Stats. & Regs. ¶ 31,130 (2002); Electronic Service of Documents, 66 FR 50,591 (Oct. 4, 2001), FERC Stats. & Regs. ¶ 35,539 (2001); Revised Public Utility Filing Requirements, Order No. 2001, 67 FR 31,043 (May 8, 2002), FERC Stats. & Regs. ¶ 31,127 (2002); Electronic Filing of Documents, Order No. 619, 65 FR 57,088 (Sept. 21, 2000), FERC Stats. & Regs. ¶ 31,107 (2000); Electronic Notification of Commission Issuances, Notice of Proposed Rulemaking, FERC Stats. & Regs. ¶ 32,574 (2004); Filing Via the Internet, Order No. 703, 72 FR 65,659 (Nov. 23, 2007), FERC Stats. & Regs. ¶ 31,259, P 33 (2007) (Order No. 703).

ensure that the tariff reflects the currently effective tariff.[6] The standards we are adopting in this Final Rule merely replace this paper system with a very similar electronic database that will similarly track the tariff submissions and tariff history, but in a form that will make tariff information more widely available over the Internet.

11. The database will provide easier access to tariffs and allow the viewing of proposed tariff sections in context. One of the principal benefits of such a database is the ability to do historical research into tariffs. For example, proceedings such as complaints may involve past tariff provisions that have already been revised by the utility by the time the complaint is considered by the Commission. In order to expeditiously process such filings, the Commission, the parties, and the public need to be able to obtain the tariff provision that applies to the time period under review, rather than the currently effective tariff provision. In fact, the effectiveness of tariff provisions arises in a number of contexts, particularly in complaint cases, in which the Commission and the participants need to know the effective tariff at a particular point in time.[7]

[6] In fact, companies often arrange to view their own tariffs to try and recreate either effective tariffs or the tariff in effect during the time period of a particular proceeding.

[7] See FPL Energy Marcus Hook, L.P. v. PJM Interconnection, LLC, 123 FERC ¶ 61,289, at P 39 n.77, 77-80 (2008) (in a complaint case, the complainant and all other parties relied on the current version of a tariff provision rather than the provision in effect at the time).

12. The set of NAESB standards provides a foundation for building such a database. The standards define an extensible markup language (XML) schema[8] that will permit filers to assemble an XML filing package that includes the tariff changes, the accompanying tariff-related documents, such as the transmittal letter, rate schedules, and spreadsheets that are required to accompany various tariff filings, and other required information such as the proposed effective date of the filing. Upon the receipt of the filing electronically, the XML schema will enable the Commission to parse[9] (divide) the filed package into its component parts, place the filed documents into its eLibrary system and provide the metadata[10] that will permit automated organization of the tariff and permit the Commission and the public to search that database. As an example of the

[8] XML schemas facilitate the sharing of data across different information systems, particularly via the Internet, by structuring the data using tags to identify particular data elements. For example, each filed tariff change will include tags for the relevant information, such as the utility name, the tariff section being changed, the name for that section, the proposed effective date, and certain sections of tariff text. The tagged information can be extracted and separately searched.

[9] Parse means to capture the hierarchy of the text in the XML file and transform it into a form suitable for further processing.

[10] The term metadata is based on the Greek word "meta" meaning after or beyond and in epistemology means "about." Thus, metadata is data or information beyond or about other data. Digital Libraries, by William Arms (M.I.T. Press 2000), http://www.cs.cornell.edu/wya/DigLib/MS1999/Chapter1.html (visited April 11, 2008); The University of Queensland, http://www.library.uq.edu.au/iad/ctmeta4.html (visited April 11, 2008); The Linux Information Project, http://www.linfo.org/metadata.html (visited April 11, 2008). For example, in the XML schema, one required element is a proposed effective date and another element is the text of the tariff provision. The proposed effective date would be considered metadata relative to the tariff text.

expanded public access to tariffs, the Commission currently provides electronic access to approximately 150 NGA interstate pipeline tariffs utilizing the FASTR standards. That access under the NAESB standards should expand to at least 1600 companies' tariffs. The NAESB standards also will provide flexibility to companies making tariff filings by enabling each regulated company to design or purchase software for creating tariff filings that will best accommodate its filing patterns and needs.

13. Some of the principal requirements of the standards and regulations being adopted here are:

- Tariffs[11] may be filed either using the current sheet based nomenclature or using section-based numbering at the choice of the filer.[12]
- Tariffs may be filed as entire documents in either of two electronic formats, RTF[13] or PDF,[14] except with respect to open access transmission tariffs for electric utilities and interstate natural gas companies which would have to be filed as individual sheets or as sections in RTF format as defined in the regulations.
- Tariff filings can be served electronically using the same approach used for electronic service of other Commission filings.

---

[11] The term tariff is used herein to refer to tariffs, rate schedules, jurisdictional contracts, and other jurisdictional agreements that are required to be on file with the Commission.

[12] Section-based filings will not have to include the sheet based nomenclature as a header or footer on the tariff page.

[13] RTF refers to Rich Text Format which is a standardized textual format that can be produced by a number of word processors.

[14] PDF refers to Portable Document Format which is a format used for representing documents that closely resembles the original formatting of the document.

- Filings of joint tariffs (tariffs covering two regulated entities) may be made with a single tariff filing by the entity designated to make the filing.
- Tariff filings for tariffs shared among companies (such as regional transmission organization (RTO) tariffs) can be made individually by any of the companies with rights to file tariff changes.
- During initial baseline implementation of electronic tariff filing, only open access transmission tariffs (OATTs) and agreements need to be filed.
- After implementation of electronic tariff filing, all new tariffs and agreements must be filed using the standards. Existing agreements need to be filed electronically only when they are revised.

14. Although the comments generally supported the adoption of the NAESB standards, some commenters suggested the adoption of alternative approaches. As the Commission has previously stated: "Standardization, by definition, requires accommodation of varying interests and needs, and rarely can there be a perfect standard satisfactory to all."[15] We find that the NAESB standards best accommodate the needs of regulated utilities in making filings electronically and the needs of the Commission and the public for an electronic system that will enable efficient, user-friendly retrieval of tariffs. We will discuss below the technical requirements applicable to electronic tariff filing and the comments received on various aspects of the standards.

[15] Standards For Business Practices Of Interstate Natural Gas Pipelines, Order No. 587, 61 FR 39,053, 39,057 (July 26, 1996), FERC Stats. & Regs. ¶ 31,038, at 30,059 (1996).

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
ATC GROUP ASSIGNMENTS (ESS/ITS and BPS)					
✔	243, 244, 246	Business Practice Standards complementary to NERC Reliability Standards for **Existing Transmission Commitment (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 *Posting requirements for ETC assigned to ESS/ITS (see 2008 AP 2(a)(vi)(4) and Order 890 WP, Group 6) **Order 890-A:** 63. The Commission also found that inclusion of all requests for transmission service in ETC would likely overstate usage of the system and understate ATC. The Commission therefore found that reservations that have the same point of receipt (POR) (generator) but different point of delivery (POD) (load), for the same time frame, should not be modeled in the ETC calculation simultaneously if their combined reserved transmission capacity exceeds the generator's nameplate capacity at the POR. The Commission directed public utilities, working through NERC, to develop requirements in MOD-001 that lay out clear instructions on how these reservations should be modeled. The Commission also concluded that some elements of ETC are candidates for business practices instead of reliability standards and directed public utilities, working through NAESB, to develop business practices necessary for full implementation of the MOD-001 reliability standard. 151. We decline to impose additional posting requirements regarding ETC uses, as requested by EPSA and Powerex. In Order No. 890, the Commission required transmission providers to make available all data used to calculate ATC for constrained paths and any system planning studies or specific network impact studies performed for customers. This would include information regarding ETC uses, including grandfathered agreements, that affect ATC calculations or study results. EPSA and Powerex fail to demonstrate that it is necessary to require the posting of additional information regarding ETC uses to verify the accuracy of the transmission provider's ATC calculations. We note in response to Powerex that, if any new service taken upon expiration of a pre-Order No. 888 contract, the terms and conditions of the transmission provider's OATT would apply.	WEQ 2008 Annual Plan Item 2(b)(ii)(1)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter , 2008 WEQ EC VOTE: 3rd Quarter, 2008 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. ESS/ITS/BPS will look at the NERC MODs to determine if additional business practices are needed for ETC components. Recommendation was voted out of subcommittee on June 17, 2008. Formal comment period closed on July 21, 2008. Approved by WEQ EC August 19, 2008.

[1] Status is defined as: ✔ - Complete, C – formal commenting period, I – in progress of standards development underway in subcommittee, NS – development not started.

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
✔	293	• 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 2008 Annual Plan Item 2(b)(ii)(2)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 3rd Quarter 2008	The ESS/ITS and BPS have created a list of items that are considered post-backs to be used in the creation of post back requirements. NERC has requested that NAESB practices address post-back requirements. (8/16/07) On March 11-12, 2008, the ESS/ITS and BPS passed motions to define high level concepts for counterflows and post backs. Draft standards are being developed by sub-teams. Subcommittee voted recommendation for counterflows and Postbacks out of subcommittee on May 15, 2008. Formal comment period closed on June 23, 2008. Approved by WEQ EC August 19, 2008.
C	257	**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) **Order 890-A:** 68. The Commission directed public utilities, working through NERC and NAESB, to develop clear standards and business practices for how the CBM value is determined, allocated across transmission paths and flowgates, and used. To ensure that CBM is used for its intended purpose, the Commission provided that CBM shall only be used to	WEQ 2008 Annual Plan Item 2(b)(iii)(1)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 4th	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 may be needed to address CBM, including where the CBM value shall be posted; how to allocate

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
		allow an LSE to meet its generation reliability criteria. The Commission rejected requests to allow CBM to be used to meet reserve-sharing needs, explaining that TRM is the appropriate category for that purpose. Public utilities were directed to work with NAESB to develop an OASIS mechanism that will allow for auditing of CBM usage. 83. The Commission did not mandate a particular methodology for allocating CBM over transmission paths and flowgates in Order No. 890. We therefore reject Southern's argument that development of a consistent methodology for calculating CBM would be harmful to LSEs because reserve needs vary from area to area. While we expect the NERC and NAESB process to produce a consistent and transparent process for setting aside and allocating CBM based on LSE requests, we decline to prescribe a specific method for how CBM should be obtained or allocated or otherwise determine the amount of capacity that the transmission provider has to set aside in response to requests from multiple LSEs.		Quarter, 2008	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. The joint subcommittee has determined no additional standards need to be developed for this work plan item. Recommendation voted out of subcommittee on July 30th. Formal Comment period closes September 5, 2008.
C	262	• Business practice standards that include an OASIS mechanism to "allow for auditing of CBM usage." (Paragraph 262 does not require coordination with the NERC Order 890 reliability standards development) **Order 890-A:** 68. The Commission directed public utilities, working through NERC and NAESB, to develop clear standards and business practices for how the CBM value is determined, allocated across transmission paths and flowgates, and used. To ensure that CBM is used for its intended purpose, the Commission provided that CBM shall only be used to allow an LSE to meet its generation reliability criteria. The Commission rejected requests to allow CBM to be used to meet reserve-sharing needs, explaining that TRM is the appropriate category for that purpose. Public utilities were directed to work with NAESB to develop an OASIS mechanism that will allow for auditing of CBM usage.	WEQ 2008 Annual Plan Item 2(b)(iii)(2)	FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 4th Quarter, 2008	The ESS/ITS and BPS are continuing to evaluate and review the templates and practices for CBM, including auditing of CBM usage. 8/16/07 If we are using existing templates and the existing templates have corresponding "Audit Templates", additional work may not be needed. The joint subcommittee is working with JISWG on this annual plan item. Changes are expected to be required for WEQ 001,

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
					002, 003, 004, and 013. Recommendation voted out of subcommittee on July 30th. Formal Comment period closes September 5, 2008.
C		• 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 2008 Annual Plan Item 2(b)(iii)(3)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 4th Quarter,, 2008	The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD004. The joint subcommittee has determined no additional standards need to be developed for this work plan item. Recommendation voted out of subcommittee on July 30th. Formal Comment period closes September 5, 2008.
✔	272	• 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)	WEQ 2008 Annual Plan Item 2(b)(iv) (1)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: N/A	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 determined no additional standards needed to be developed for this item and voted for the co-chairs to develop recommendation

Assembled Materials Page 162 of 285

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
					and post formal comments 3/31/08. Recommendation posted for 30-day formal comment period on April 8th. The recommendation was voted out of the EC on May 13.
✔	273	• The TRM business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM (Paragraph 273 will require coordination with the NERC Order 890 reliability standards development) **Order 890-A:** 94. The Commission clarifies that NERC was not directed to identify an actual number or a particular methodology to include in the TRM standards, MOD-008-0 and MOD-009-0. The Commission's intent was to require NERC and NAESB to include consistent criteria and guidelines in the calculation and uses of TRM by transmission providers. Likewise, in response to Southern's concern regarding flexibility to use something other than the ratings reduction method discussed in Order No. 890, we clarify that the ratings reduction method is only an example of a simple method that could be used. Our intent is not to prohibit a transmission provider from using a more sophisticated method, so long as it is consistent with the reliability standards developed by NERC.	WEQ 2008 Annual Plan Item 2(b)(iv)(2)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: N/A	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 determined no additional standards needed to be developed for this item and voted for the co-chairs to develop recommendation and post formal comments 3/31/08. Recommendation posted for 30-day formal comment period on April 8th. The recommendation was voted out of the EC on May 13.
✔		• 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 2008 Annual Plan Item 2(b)(iv)(3)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890**	The ESS/ITS and BPS have begun identifying complementary business practices to NERC MOD008.

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
				are changed: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: N/A	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 determined no additional standards needed to be developed for this item and voted for the co-chairs to develop recommendation and post formal comments 3/31/08. Recommendation posted for 30-day formal comment period on April 8th. The recommendation was voted out of the EC on May 13.
✔	301	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) **Order 890-A:** 53. We clarify in response to NorthWestern that TRM may be used to accommodate the procurement of ancillary services used to provide service under the pro forma OATT. We deny as premature EPSA's and Williams' requests for clarification regarding the realtime determination and posting of ATC and AFC values, as well as posting of utilization of transmission provider's own system ETC. In Order No. 890, the Commission required an exchange of the data both for short and long-term ATC/AFC calculation that will increase the accuracy of ATC calculations.[33] The Commission also required that ATC be recalculated by all transmission providers on a consistent time	WEQ 2008 Annual Plan Item 2(b)(v)(1)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: N/A	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. The ESS/ITS and BPS are drafting documents that will facilitate agreement on concepts/scope. The ESS/ITS and BPS determined no additional standards needed to be developed for this item and voted for the co-chairs to develop recommendation and post formal comments 4/16/08. Recommendation posted

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
		interval, and in a manner that closely reflects the actual topology of the system, load forecast, interchange schedules, transmission reservations, facility ratings, and other necessary data, and that NERC/NAESB revise the related reliability standard and business practices accordingly.[34] EPSA and William should address their concerns through the NERC and NAESB processes implementing these requirements. 60. Order No. 890 requires NERC and NAESB to develop a single set of ATC-related standards that will apply to all transmission providers, including RTOs and ISOs. We understand that the NERC ATC standard drafting team includes representatives from various industry sectors, including RTOs/ISOs, and we encourage NYISO to participate in the standard development process to provide NERC an opportunity to address its concerns. To the extent NYISO feels its concerns are not address in this process, it should bring the issue to the Commission's attention on review of the resulting reliability standards. 101. The Commission directed public utilities, working through NERC and NAESB, to revise reliability standard MOD-001 to require ATC to be recalculated by all transmission providers on a consistent time interval and in a manner that closely reflects the actual topology of the system, e.g., generation and transmission outages, load forecast, interchange schedules, transmission reservations, facility ratings, and other necessary data. The Commission stated that this process must also consider whether ATC should be calculated more frequently for constrained facilities. 104. The Commission agrees with Powerex that the standards adopted through the NERC and NAESB processes should serve as minimum or "no less frequent than" requirements to recalculate ATC. Transmission providers also must update their ATC calculation when they receive substantial and material changes in data, such as updated load forecasts, changes in topology and dispatch patterns, which may be more frequent than the NERC and NAESB standards would otherwise require. In the absence of substantial and material changes in data, transmission providers are not required to update ATC on a more frequent basis than the minimum frequency that the NERC and NAESB standards require, once implemented. The Commission will consider the adequacy of the time frame for ATC updates on review of these standards. 148. In Order No. 890, the Commission required transmission providers to make available, upon request, all data used to calculate ATC, TTC, CBM and TRM for any constrained posted path. We believe that this adequately addresses Constellation's request for access to modeling data used by the transmission provider. Specifically, we expect transmission providers to make available, upon request and subject to appropriate confidentiality protections and CEII requirements, the following modeling data: (1) load flow base cases and generation dispatch methodology; (2) contingency, subsystem, monitoring, change files and accompanying auxiliary files; (3) transient and dynamic			for 30-day formal comment period on April 23rd. Approved by WEQ EC August 19, 2008.

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
		stability simulation data and reports on flowgates which are not thermally limited; (4) list of transactions used to update the base case for transmission service request study; (5) special protection systems and operating guides, and specific description as to how they are modeled; (6) model configuration settings; (7) dates and capacities of new and retiring generation; (8) new and retired generation included in the model for future years; (9) production cost models (including assumptions, settings, study results, input data, etc.), subject to reasonable and applicable generator confidentiality limitations; (10) searchable transmission maps, including PowerWorld or PSSE diagrams; (11) OASIS names to Common Names table and PTI bus numbers; and, (12) flowgate and interface limits including limit category (thermal, steady state or transient, voltage or angular). We decline, however, to require the transmission provider to post this information on OASIS, as Constellation suggests. We conclude that making this information available on request provides sufficient transparency for customers without unduly burdening the transmission provider. 149. With regard to the modeling support information sought by Constellation, we believe much of this information should already be stated in each transmission provider's Attachment C. In Order No. 890, the Commission required each transmission provider to set forth in the Attachment C to its OATT the ATC calculation methodology used by the transmission provider. To the extent necessary, we clarify that the step-by-step modeling study methodology and criteria for adding or eliminating flowgates (permanent and temporary) is part of the ATC methodology that must be stated in the transmission provider's Attachment C. We direct any transmission provider that has failed to include this information in its Attachment C to include that information as part of the compliance filing directed in section II.C. If the transmission provider has already satisfied this obligation in a previous compliance filing, it should refer to that filing instead. 150. We deny as premature Constellation's request to require OASIS postings of additional model benchmarking and forecasting data/TSR study audit data. Such information would be utilized in the process of updating and benchmarking models to actual events, which is the subject of ongoing efforts to modify relevant reliability standards from the MOD and facilities design, connections and maintenance (FAC) groups. 152. We deny TDU Systems' request to require transmission providers to grant customers access to proprietary modeling software used to calculate ATC values. The Commission believes at this time that the requirements of Order No. 890 are sufficient to achieve the Commission's transparency goals without further requiring the disclosure of proprietary software.			

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
✔	310	• 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 2008 Annual Plan Item 2(b)(v)(2)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: N/A	NERC will be addressing data exchange standards and will identify any new OASIS posting requirements or template query requirements which are needed in order to facilitate data exchange for ATC modeling On March 13, 2008 the ESS/ITS and BPS determined the work associated to this item has been completed by NERC and recommended no further action be taken by NAESB. Recommendation posted for 30-day formal comment period on March 17th. The recommendation was voted out of the EC on May 13.
✔	369	• 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) Although not specified in the WEQ 2008 AP, it is expected that this standard will also contain requirements associated with annotations when ATC remains at zero for six months or longer. **Order 890-A:** 124. We believe that E.ON U.S. overestimates the burden of complying with this requirement. Since TTC standardization is ongoing, it is impossible to identify with	WEQ 2008 Annual Plan Item 2(b)(v)(3)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: 2nd Quarter, 2008	Voted out of subcommittee for formal comment on February 13, 2008. Approved by the EC via notational ballot on April 14th. Membership ratification completed on May 16th.

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
		precision the steps that will need to be taken to comply with the posting requirement. The appropriate forum to raise concerns regarding the burden of particular TTC calculation requirements is in the NAESB standards development process. In any event, we would expect that the posting of narratives for changes in monthly and yearly ATC values as a result of a 10 percent change in TTC will be triggered mainly by topology changes resulting from transmission lines and generator in-service status, as well as new facilities additions, that are reported on OASIS. 125. We clarify in response to Southern that transmission providers do not need to list each and every circumstance or occurrence that impacts TTC values from the previous month or year and, instead, may list the primary events that give rise to the update. Again, we expect that TTC changes will generally result from topology changes and, therefore, the primary reasons for an update would be changes in schedules of transmission or generation additions, prolonged outages, or changes in maintenance schedules causing a TTC change of 10 percent. We agree with Southern that the transmission provider should post these narrative explanations on OASIS via a template and data element that is to be defined by NAESB. We direct transmission providers, working through NAESB, to develop the OASIS functionality necessary for such postings. Pending completion of this work by NAESB, we direct transmission providers to post these narrative explanations as comments on OASIS.			
✔	413	• Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations" (Paragraph 413 will not require coordination with the NERC Order 890 reliability standards development) **Order 890-B:** 35. We clarify, however, that the Commission intended for transmission providers to post the underlying factors used to make load forecasts that have a significant impact on calculations, such as temperature forecasts, not all economic and other data that underlies each and every daily load forecast. Transmission providers must post a description of their load forecast method including how economic and weather assumptions are used in load forecasting. The Commission's intent is to increase transparency in the transmission provider's process of forecasting, providing assurance to customers that loads are consistently being forecast using methodologies which are not subject to daily manipulation to favor affiliates.	WEQ 2008 Annual Plan Item 2(b)(v)(4)	**These dates are dependent on NERC providing responses to questions forwarded to NERC by the BPS/ESS/ITS.** FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: 2nd Quarter, 2008	Voted out of subcommittee for formal comment on March 10, 2008. Approved by the EC via notational ballot on April 23rd. Recommendation was posted for membership ratification on June 23rd. Membership ratification completed on July 23rd.
✔	405	• 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 2008 Annual Plan Item 2(b)(v)(5)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: 2nd	Voted out of subcommittee for formal comment on March 10, 2008. Approved by the EC via notational ballot on April

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
				Quarter, 2008	23rd. Recommendation posted for Membership Ratification on June 23rd. Membership ratification completed on July 23rd.
✔		• 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 2008 Annual Plan Item 2 (b)(vi)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: N/A	The ESS/ITS and BPS is in the process of coordinating alignment with the NERC ATC Drafting Team. On May 1, 2008, the subcommittee determined no additional standards were required for this work plan item. Posted for formal comments on May 5, 2008. Approved by WEQ EC August 19, 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 2008 Annual Plan Item 2 (b)(vii)	**These dates are dependent on NERC deliverables and may be changed if NERC timelines for Order 890 are changed**: FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: 2nd Quarter, 2008	Voted out of subcommittee for formal comment on March 13, 2008. Approved by the EC via notational ballot on May 2, 2008. Membership ratification period closes June 27, 2008. Recommendation was ratified by the membership on June 27, 2008.
C		Develop any additional business practice standards to support transparency reporting and related functions that may be required as a result of the final order.	WEQ 2008 Annual Plan Item 2(c)	FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008	The ESS/ITS and BPS continue to review the need for additional business practice standards.

Status[1]	Cite	Order 890 Work Plan			
		Action Item/Work Plan	**Action Item Home**	**Target Dates**	**Status**
				RATIFICATION: 3rd Quarter, 2008	The ATC information list was posted for informal comment on January 22, 2008. 05-13-2008 - The BPS/ESS/ITS was directed by the EC to suspend activity on this item. ATC Information List has been assigned to a task force of the EC. Voted out of EC task force for formal comment period ending September 17, 2008.
✔		Modify WEQ-001 to reflect in the definition of certain ancillary services that such ancillary services may be provided by non-generation resources such as demand resources. (http://www.naesb.org/pdf3/weq_ec051308w2.doc)	WEQ 2008 Annual Plan Item 6(d)	FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 3rd Quarter, 2008	Commissioner Wellinghoff letter Draft recommendation posted for informal comments on June17, 2008 Recommendation was voted out of subcommittee on July 9th. Formal Comment period closes on August 11th. Approved by WEQ EC August 19, 2008.

		Order 890 Work Plan			
	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. **Order 890-A:** 394. Reforms to the rules governing reassignments and associated reporting obligations also increase our regulatory oversight of the secondary market, allowing the Commission to effectively monitor that market for any attempts to exercise market power. All reassignments must now be conducted through or otherwise posted on OASIS and assignees must execute service agreements prior to the date on which service commences. Transmission providers must provide information regarding reassignments in their EQRs. As noted above, Commission staff will also closely monitor the quarterly reassignment-related data submitted by transmission providers and prepare a report on staff's findings for the Commission's consideration. The Commission takes seriously the possibility that resellers may attempt to exercise market power in the secondary market for transmission capacity. We continue to believe, however, that the regulatory protections in place and our increased oversight of this market will limit the potential for market power abuse during the period in which the price cap is lifted. There is no need for particularized market power studies regarding secondary transmission capacity, as suggested by TAPS. 408. As noted above, the Commission required in Order No. 890 that all sales or assignments of capacity be conducted through or otherwise posted on the transmission provider's OASIS on or before the date the reassignment commences. The Commission thus eliminated the ability of transmission customers to assign transmission rights to another party with subsequent notification to the transmission provider. The Commission also directed transmission providers, working through NAESB, to develop appropriate OASIS functionality to allow such postings. Transmission providers were not required to implement this new OASIS functionality or any related business	WEQ 2007 Annual Plan Item 2(a)(i)	FORMAL COMMENT: Posted for formal comment 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, 2007 WEQ EC meeting. RATIFICATION: The recommendation, as revised by the WEQ Executive Committee was posted for member ratification on June 22, 2007 with ballots due on July 23, 2007. The ratification results are posted on the NAESB website.	Completed. The final action is 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 Subcommittee believes the final action conforms with Order 890-A.

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

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

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		forma OATT accordingly. 427. We clarify that, to the extent necessary, the costs incurred by the transmission provider to account and bill for reassignments of transmission capacity should be included in the transmission provider's cost of service, just like accounting and billing costs for any other service under the transmission provider's OATT. We decline MidAmerican's request to prohibit further assignments of reassigned capacity. Order No. 888 allowed for multiple reassignments under the pro forma OATT and MidAmerican does not justify departing from this practice. Just as the original transmission customer may find that it has excess capacity it can reassign, so may an assignee. Denying the assignee's right to further assign its scheduling rights would inhibit customers who value the capacity most from accessing it and thereby contradict the Commission goal of creating a competitive secondary market for transmission capacity. 428. With regard to OASIS modifications necessary to allow for the reassignment of transmission capacity, the Commission in Order No. 890 already directed transmission providers working through NAESB to develop appropriate OASIS functionality to allow for reassignment-related postings. We understand that this work is on-going and expect any necessary modifications to NAESB's business practices that are necessary to reflect our rulings in this order will be adopted prior to the submission of those standards for Commission review. In the interim, transmission providers should identify in their business practices any procedures necessary to accomplish the reassignment of capacity by their customers.			
		GROUP 1: 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	WEQ 2008 Annual Plan Item 2(a)(i)(1)	FORMAL COMMENT: Sent during the 3rd Quarter 2007. WEQ EC VOTE: EC notational ballot due January 16, 2008. RATIFICATION: The ratification of the Recommendation will be completed during 1st Quarter 2008.	**Split into individual items – see below**
✔	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	WEQ 2008 Annual Plan Item 2(a)(i)(2)	FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 3rd Quarter, 2008	Initial working paper of draft requirements to be posted in April 2008. On April 4, 2008, the

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		business practices (to complement the OASIS S&CPs developed in 2008 AP item 2(a)(i)(1))that will implement the ability to assign short-term firm service to conditional firm customers. 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. **Order 890-A:** 566. During non-conditional periods, conditional firm service is subject to pro rata curtailment consistent with curtailment of any other long-term firm service. During the hours or specific system conditions when conditional firm service is conditional, conditional firm service share the same curtailment priority as secondary network service. In such circumstances, transmission providers will be allowed to curtail only for reliability reasons and conditional firm customers during conditional curtailment hours will be curtailed only after all point-to-point non-firm customers have been curtailed. If the customer selects the annual hourly cap option, the transmission provider will have the flexibility to conditionally curtail the customer for any reliability reason during those hours, including but not limited to, the system condition(s) identified in the system impact study. 567. The Commission provided that short-term firm service reserved prior to the reservation of conditional firm service will maintain priority over conditional firm service in the periods when conditional firm service is conditional, i.e., when specified system conditions exist or conditional curtailment hours apply. Transmission providers were directed to work with NAESB to develop the appropriate communications protocol to allow for automatic assignment of short-term firm point-to-point service to conditional firm customers to the extent short-term service becomes available. Transmission providers need not implement this requirement until NAESB develops appropriate communications protocols. 569. Finally, the Commission recognized that there may be some regional variation in the way transmission providers approach the provision of conditional firm service beyond the minimum attributes that established in Order No. 890. The Commission directed transmission providers located in the same region to coordinate among themselves to develop business practices for implementation of the conditional firm service. In order to allow time for this regional coordination, the Commission directed transmission providers to implement these mechanisms and business practices within 180 days after the publication of this Final Rule in the Federal Register, or October 11, 2007. 585. We also agree with MidAmerican that a transmission provider's waiver of a			ESS/ITS voted to send this recommendation out for informal comments due April 11, 2008. Voted out of subcommittee for formal comment on June 24, 2008. Recommendation posted for 30-day formal comment period on June 25th. Approved by WEQ EC on August 8, 2008

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		reassessment for conditional firm or planning redispatch service does not constitute a waiver of all reassessments for the duration of the service, unless explicitly agreed to by the transmission provider. We reiterate, however, that only one reassessment may be performed in each two-year period of service. We also affirm that any waiver must be granted for similarly situated service, which would include conditional firm or planning redispatch service that is limited because of the same constraints or general system limitations. Such a waiver would be an act of discretion that must be posted on OASIS. Waiver of the reassessment presents an opportunity for discrimination among classes of customers on the part of the transmission provider and posting will provide eligible customers with an indicator of how often conditions or redispatch requirements have been reassessed. Transmission providers are directed to develop uniform OASIS posting standards, in coordination with NAESB, for transmission providers to post information regarding waivers of the biennial reassessment for planning redispatch and conditional firm service.			
✔	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)."	WEQ 2008 Annual Plan Item 2(a)(i)(3)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: 2nd Quarter, 2008	Assigned to BPS/ESS/ITS (see above BPS/ESS/ITS item that reference WEQ 2008 AP Item 2(b)(v)(3)). Voted out of subcommittee for formal comment on February 13, 2008. Approved by the EC via notational ballot on April 14th. Membership ratification to be completed by May 16th. Ratified by the membership on 5/16/2008.
✔	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." **Order 890-B:** 35. We clarify, however, that the Commission intended for transmission providers to post the underlying factors used to make load forecasts that have a significant impact on calculations, such as temperature forecasts, not all economic and other data that	WEQ 2008 Annual Plan Item 2(a)(i)(4)	FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 2nd Quarter, 2008 RATIFICATION: 2nd Quarter, 2008	Assigned to BPS/ESS/ITS (see above BPS/ESS/ITS item that reference WEQ 2008 AP Items 2(b)(v)(4) and (5)). Voted out of subcommittee for formal comment on March 10, 2008.

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		underlies each and every daily load forecast. Transmission providers must post a description of their load forecast method including how economic and weather assumptions are used in load forecasting. The Commission's intent is to increase transparency in the transmission provider's process of forecasting, providing assurance to customers that loads are consistently being forecast using methodologies which are not subject to daily manipulation to favor affiliates.			Approved by the EC via notational ballot on April 23rd. Membership ratification completed on July 23rd.
✔	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 Transmission Provider's system.	WEQ 2008 Annual Plan Item 2(a)(i)(5)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008. WEQ EC adopted the recommendation on May 13. Membership ratification to be completed by June 23rd. Recommendation was ratified by the membership on June 23rd
✔	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.	WEQ 2008 Annual Plan Item 2(a)(i)(6)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008. WEQ EC adopted the recommendation on May 13. Membership ratification to be completed by June 23rd. Recommendation was ratified by the membership on June 23rd.
✔		Appendix C – OASIS Exemptions	WEQ 2008 Annual Plan Item 2(a)(i)(7)	FORMAL COMMENT: **Voted out of subcommittee 12/17/2007. Formal Comment period 12/19/2007 through 1/19/2008.** WEQ EC VOTE: Approved February 4, 2008 RATIFICATION: Ratification	Ratified by the membership on 3/13/2008.

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
				period to close 3/13/2008	
		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.	WEQ 2008 Annual Plan Item 2(a)(ii)(1)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008. WEQ EC adopted the recommendation on May 13. Membership ratification to be completed by June 23rd. Recommendation was ratified by the membership on June 23rd
✔	1318	**Metrics:** OASIS business practice standards to implement the standard performance (planning study) metrics set forth in Order 890, Paragraphs 1308-1317.	WEQ 2008 Annual Plan Item 2(a)(ii)(2)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008. WEQ EC adopted the recommendation on May 13. Membership ratification to be completed by June 23rd. Recommendation was ratified by the membership on June 23rd
✔	1162	**Redispatch Cost Posting:** Business practices for redispatch cost postings: • The posting of redispatch information will also include the posting of each transmission provider's "monthly average cost of redispatch for each internal congested transmission facility or interface over which it provides redispatch service using planning redispatch or reliability redispatch under the pro forma OATT." • 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.	WEQ 2008 Annual Plan Item 2(a)(ii)(3)	FORMAL COMMENT: 1st Quarter, 2008 WEQ EC VOTE: 1st Quarter, 2008 RATIFICATION: 1st Quarter, 2008	Voted out of subcommittee for formal comment on 2/12/2008. WEQ EC adopted the recommendation on May 13. Membership ratification to be completed by June 23rd. Recommendation was ratified by the membership

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		Order 890-A: 621. Transmission providers must post internal constraint or interface data for the month if any planning redispatch or reliability redispatch is provided during the month, regardless of whether the transmission customer is required to reimburse the transmission provider for those exact costs. Thus, if the transmission customer pays for planning redispatch pursuant to a negotiated fixed rate, the transmission provider is required to post and calculate the monthly average redispatch costs and the high and low costs in the month even though the transmission provider will bill the customer the fixed rate. The same posting requirement applies if the customer is paying a monthly "higher of" rate. The Commission concluded that the relevant reliability redispatch costs for posting purposes are those costs the transmission provider invoices network customers based on a load ratio share pursuant to section 33.3 of the pro forma OATT. The transmission provider must post this data on OASIS as soon as practical after the end of each month, but no later than when it sends invoices to transmission customers for redispatch-related services. The Commission directed transmission providers to work in conjunction with NAESB to develop this new OASIS functionality and any necessary business practice standards.			on June 23rd
		GROUP 3: NETWORK SERVICE ON OASIS			
I	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.	WEQ 2008 Annual Plan Item 2(a)(iii)(1) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009 RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.
I	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. **Order 890-B:** 209. We also conclude that concerns regarding the ability to verify or monitor the buyer's decision to designate a purchase of system power as a network resource are overstated in light of the clarification that the buyer and seller must be on the same transmission system. In Order No. 890, the Commission directed transmission providers, working through NERC, to develop OASIS functionality for the designation of network resources and for queries of information provided with designation requests. Parties to a sale of system power on the same transmission system will therefore have	WEQ 2008 Annual Plan Item 2(a)(iii)(2) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009 RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		ready access to the treatment of the resource. Sellers also may rely on commitments made by the buyer to designate the purchase as a network resource.			
I	1477	The standards will include the ability to mask information "about operating restrictions and generating cost on OASIS"	WEQ 2008 Annual Plan Item 2(a)(iii)(3) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009 RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.
I	1477	Development of OASIS business practice standards and OASIS S&CPs that describe the procedural requirements for submitting designations over any new OASIS functionality. **Order 890-A:** 919. The Commission clarifies, in response to South Carolina E&G's request, that the language in paragraph 1521 of Order No. 890 is only meant to be a paraphrase of the more detailed attestation to be provided in the pro forma OATT itself. A network customer designating network resources should submit an attestation using the language set forth in sections 29.2(viii) and 30.2 of the pro forma OATT, as amended in Order No. 890, not the language of the preamble. A network customer is not permitted to merely reference the applicable section of the pro forma OATT when completing the attestation requirement. If the OASIS customer comment section does not currently allow enough space for a network customer to provide its attestation, transmission providers should modify, in coordination with NAESB, OASIS functionality to accommodate the full attestation. In the interim, the transmission provider should identify alternate means, such as by telefax or e-mail, for the network customer to provide the attestation.	WEQ 2008 Annual Plan Item 2(a)(iii)(4) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009 RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.
I	1504	Development of OASIS business practice standards and OASIS S&CPs to specify how designated network service informational postings are posted on OASIS . Develop details of how the view, download, and query requirements for information posted regarding network resource designations informational postings.	WEQ 2008 Annual Plan Item 2(a)(iii)(5) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.
I	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.	WEQ 2008 Annual Plan Item 2(a)(iii)(6)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009	Concept Paper posted 11/7/2007.

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		Attestation: Formatting of attestation information that will be provided on OASIS. **Order 890-B:** 182. The Commission grants rehearing to more accurately state the requirement to provide an attestation supporting the designation of network resources pursuant to sections 29.2(viii) and 30.2 of the pro forma OATT. In order to designate a network resource, section 30.7 of the Order No. 888 pro forma OATT required each network customer to demonstrate that (i) it owns or has committed to purchase generation pursuant to an executed contract or (ii) execution of a contract is contingent upon the availability of transmission service in order to designate a generating resource. In Order No. 890, the Commission adopted the attestation requirement as the means by which the network customer can make this demonstration, revising sections 29.2 and 30.2 accordingly. We affirm this requirement, consistent with the network customer's obligations under section 30.7, and grant rehearing of the Commission's statements in this proceeding indicating that the attestation can instead be submitted at the time a resource designation is confirmed, rather than requested. 183. We disagree with NRECA and TDU Systems that a customer submitting an attestation pursuant to section 29.2(viii) or 30.2 of the pro forma OATT must commit to purchase the resources for which designation is requested irrespective of the outcome of the network service request. Consistent with section 30.7, a network customer may attest that execution of a contract is contingent upon the availability of transmission service under Part III of the pro forma OATT. Network customers are therefore not required to commit to purchasing a resource prior to submitting a request to designate that resource.	See also WEQ 2008 Annual Plan item 3(a)(ii)	RATIFICATION: 1st Quarter, 2009	
I	1541	Development of OASIS business practice standards and OASIS S&CPs to describe "the procedural requirements for submitting both temporary and indefinite terminations of network resources, to allow network customers to provide all required information for such terminations." These business practice standards will include the functionality set forth in Order 890, Paragraph 1541.	WEQ 2008 Annual Plan Item 2(a)(iii)(7) See also WEQ 2008 Annual Plan item 3(a)(ii)	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009 RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.
I	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. **Order 890-B:** 188. In Order No. 890, the Commission directed transmission providers to evaluate as a single request a request for temporary undesignation and related requests for	WEQ 2008 Annual Plan Item 2(a)(iii)(8) See also WEQ 2008 Annual Plan item	FORMAL COMMENT: 1st Quarter, 2009 WEQ EC VOTE: 1st Quarter, 2009RATIFICATION: 1st Quarter, 2009	Concept Paper posted 11/7/2007.

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		transmission service. Transmission providers were therefore directed to develop, working through NAESB, business practices allowing for electronic identification of related transmission service requests to be evaluated concomitantly with the request for temporary undesignation. This was appropriate in light of the Commission's decision to allow network customers to temporarily undesignate their network resources without forfeiting the right to use the resource at a specified point in the future, provided they pair the temporary undesignation with a request to redesignate the resource. 189. We find that similar procedures for permanent undesignations of network resources are unnecessary given the transmission provider's obligation to consider clustering transmission service requests at the request of customers. If a network customer or the transmission provider's merchant function wishes for the transmission provider to take into consideration the effect of a request to terminate a network resource on a concomitant request to designate another network resource, it may request the transmission provider to cluster the requests. As TranServ acknowledges, this will not alter the priority of the network customer or the transmission provider's merchant function with regard to any ATC that may be made available by undesignating the network resource.	3(a)(ii)		
		GROUP 4: PRE-EMPTION; REQUEST R05019; and REVISIONS TO STANDARD 9.7			
N S	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. **Order 890-A:** 814. The Commission affirms the decision in Order No. 890 not to change the "first-come, first served" nature of the reservation process and the right of first refusal. These policies have worked well in the past and, as we explain in Order No. 890, benefit transmission providers and customers alike by facilitating the administration of the reservation process and removing confusion about how to comply. 815. We disagree with Duke and TranServ that the right of first refusal policies should be revised based on complex hypotheticals involving the preemption of multiple short-term reservations. The complexities pointed to by these commenters do not by themselves warrant changing the right of first refusal rule. Even though we recognize	WEQ 2008 Annual Plan Item 2(a)(iv)(1)	**REQUEST FOR RECONSIDERATION PENDING AT FERC MAY IMPACT TARGET DATES.** FORMAL COMMENT:2nd Quarter, 2009 WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	Not Started

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		the potential for complexities to arise under the right of first refusal rule, we believe them to be relatively limited. In the off-chance that multiple eligible customers with short-term reservations choose to exercise their right of first refusal for the same capacity simultaneously, the Commission believes that they should have a right to do so. 816. We therefore decline to expand upon the language of the pro forma OATT to account for every factual scenario that could arise under sections 13.2 and 14.2 of the pro forma OATT. Sections 13.2 and 14.2 of the pro forma OATT set forth adequate guidance for transmission providers to fairly administer competing requests, including the priorities for determining which reservations or requests trump one another as well as the timeframes for eligible customers to respond to competing requests. As noted above, we recognize that certain unique cases can present difficult allocation issues, but conclude that these extreme cases arise infrequently in the normal course of business. In the vast majority of cases, we believe the right of first refusal rules are efficient and easy to administer without further amending the governing tariff language, as Bonneville and Southern suggest. 817. To the extent necessary, the Commission clarifies that a "competing request" under sections 13.2 and 14.2 of the pro forma OATT may include a transmission service request that overlaps with only part of another existing transmission service reservation since both requests cannot be granted simultaneously. Accordingly, a "competing request" for purposes of sections 13.2 and 14.2 may also include a transmission service request for which transmission capacity cannot be accommodated without preempting one or more existing transmission reservations of parts thereof. 818. In response to TranServ and Duke, we clarify that sections 13.2 and 14.2 allow an eligible customer to retain its original reservation by matching the competing service request's cost or duration terms exactly or by exceeding one or more of the terms of a competing transmission service request. Since any "match" by an eligible customer in response to a potentially preempting request, by definition, either exceeds the costs, duration or both of the eligible customer's original reservation, we do not believe eligible customers opting to match a competing request have a strong incentive, if any, to "match" a competing request with terms that exceed the competing request. Nevertheless, we do not see any harm resulting from a match that exceeds the exact terms of a competing request and therefore believe it would not be appropriate to preclude the ability of eligible customers to make such a request. 819. With regard to reassignments of capacity in the secondary market, we clarify that the associated right of first refusal under sections 13.2 and 14.2 of the pro forma OATT to match a competing transmission service request applies to the primary transmission service, not the reassignment of scheduling rights. Using TranServ's example, the reassignment of one day of a customer's weekly service would not cause the assignor or			

Assembled Materials Page 183 of 285

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		the assignee to match a competing three day request for service since the initial one week reservation already exceeded the competing request. The fact that one day of service has been reassigned does not alter the assignor's entitlement to use service for the remaining week reserved. **Order 890-B:** 161. The Commission declines to address in this rulemaking proceeding how transmission providers should resolve complicated and fact-specific scenarios such as the cascading rights of first refusal described by Duke. Sections 13.2 and 14.2 of the pro forma OATT provide adequate guidance for transmission providers to fairly administer the vast majority of competing requests, including priorities for determining which reservations or requests trump one another as well as the timeframes for eligible customers to respond to competing requests. As the Commission explained in Order No. 890-A, we expect that more complex circumstances such as those suggested by Duke will be relatively limited and, therefore, are best addressed on a case-by-case basis. Transmission providers remain free, however, to develop through the NAESB process standard procedures for processing complicated request scenarios.			
N S		**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 requested in NAESB Request No. R05019	WEQ 2008 Annual Plan Item 2(a)(iv)(2) R05019	**REQUEST FOR RECONSIDERATION PENDING AT FERC MAY IMPACT TARGET DATES.** FORMAL COMMENT: 2nd Quarter, 2009 WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	Not Started
N S	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. **Order 890-A:** 697. Pursuant to Section 22 of the pro forma OATT, a transmission customer taking firm point-to-point service may modify its receipt and delivery points, i.e., redirect its service, on either a non-firm or firm basis. In Order No. 676, the Commission adopted the "Standards for Business Practices and Communication Protocols for Public Utilities" developed by the NAESB's Wholesale Electric Quadrant (WEQ). The WEQ standards include standards addressing requirements for redirects on both a firm and non-firm basis, all of which were incorporated by reference into the Commission's regulations	WEQ 2008 Annual Plan Item 2(a)(iv)(3)	FORMAL COMMENT: 3rd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 4th Quarter, 2008	On February 11-12, 2008, the ESS/ITS voted to send this recommendation out for informal comments due March 25, 2008.

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

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		of the rollover and redirect policies will facilitate the NAESB standards development process. 704. The Commission denies petitioners' requests to amend the rights of rollover customers to redirect their service. Under section 22.2 of the pro forma OATT, a request for a firm redirect must be treated like a request for new transmission service. As a new request for service, each redirect request is subject to the availability of capacity and subject to the possibility that the transmission provider may not be able to provide rollover rights on the new redirected path. The transmission provider is required to offer rollover rights to a customer requesting a firm redirect only if rollover rights are available on the redirected path, i.e., to the extent not restricted based on reasonable forecasts of native load growth or preexisting contracts that commence in the future. 705. As the Commission explained in Order No. 890, rollover rights follow the redirect regardless of the duration of the redirect. A transmission customer making a firm redirect request does not convert its original long-term firm transmission service agreement into two short-term service agreements, nor does it lose its rollover rights under its long-term firm transmission service agreement. At the same time, a customer can exercise its rollover right only at the end of the contract. Thus, if a customer with rollover rights chooses to redirect its capacity for less than the full remaining term of the contract, absent some further request to redirect, the original path will automatically be reinstated and rollover rights would remain on only the original path. By contrast, if the customer chooses to redirect its capacity until the end of its contract, the customer would have rollover rights along only the redirected path, and only to the extent not restricted based on native load growth or future contracts along the redirected path. 706. We therefore reject requests to restrict rollover rights to longer-term redirects. A long-term transmission customer may request multiple, successive redirects for firm service. This discretion is limited by the fact that each successive request is treated as a new request for service in accordance with section 17 of the pro forma OATT. Each request is therefore subject to the availability of capacity and subject to the possibility that the transmission provider may not be able to provide rollover rights on the new, redirected path. If the customer has not been granted rollover rights for a redirect that extends to the end of its contract, the redirected service will terminate on the same date as the parent service. 707. We also reiterate that a customer cannot exercise any rollover rights unless it first has provided the appropriate notice to the transmission provider. If a customer requests and is granted a rollover right prior to the relevant notice deadline (60 days for pre-Order No. 890 agreements or one year for all others) and subsequently requests and is granted a redirect for firm service for the remainder of the contract term (i.e., within the notice period), the new reservation governs the rights at the new receipt and delivery points and			

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		the customer can obtain rollover rights with respect to the redirected capacity to the extent rollover rights are available for the redirected points. If, however, a customer fails to request a rollover right prior to the relevant notice deadline, the customer forfeits rollover rights along the current or any redirected path. 708. We clarify, to the extent necessary, that transfer capability is not freed up for earlier queued service requests until a redirect has been granted. A redirect request must be evaluated in accordance with section 17 of the pro forma OATT using the same system assumptions and analysis applicable to any other new request for service, including whether sufficient ATC exists to accommodate the request. If there is insufficient ATC to offer service to customers in the queue, and an existing customer requests redirected service, any increase in ATC along the original path is contingent upon the acceptance and confirmation of the redirect. It cannot be assumed at the time of a redirect request that the transmission provider will grant the request.			
		GROUP 5: PARAGRAPH 1377			
NS	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. **Order 890-A:** 762. The Commission also required transmission providers working through NAESB to develop business practice standards to better coordinate transmission requests across multiple transmission systems. In order to provide guidance to NAESB, the Commission articulated the principles that should govern processing across multiple systems. The Commission further required transmission providers working through NAESB to develop business practice standards to allow a transmission customer to rebid a counteroffer of partial service so the transmission customer can take the same quantity of service for linked transmission service requests across multiple systems. The Commission explained that the transmission customer should not be required to take the same quantity of service across consecutive transmission service requests and, instead, it should simply have the option to do so. 766. The Commission affirms the decision in Order No. 890 to rely on the NAESB process to develop business practices to govern the processing of transmission requests across multiple transmission systems. We decline to dictate at this time, beyond those principles outlined in Order No. 890, the particular practices that must be implemented. It is more appropriate to allow transmission providers working through NAESB, in the first instance, to consider how best to ensure coordination across multiple systems. It is	WEQ 2008 Annual Plan Item 2(a)(v)(1)	FORMAL COMMENT: 2nd Quarter, 2009 WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	Not Started

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		also appropriate to give NAESB an open timeframe to develop these standards since they must be broad enough to account for the complexities of coordinating multi-system transmission service requests.			
N S	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.	WEQ 2008 Annual Plan Item 2(a)(v)(2)	FORMAL COMMENT: 2nd Quarter, 2009 WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	Not Started
		GROUP 6: MISCELLANEOUS			
N S	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.	WEQ 2008 Annual Plan Item 2(a)(vi)(1)	FORMAL COMMENT: 2nd Quarter, 2009WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	Not Started
N S	1627	Development of OASIS business practice standards and OASIS S&CPs for "the posting of additional curtailment information on OASIS" via a "detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. Posting of curtailment information on OASIS: develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments. **Order 890-A:** 973. The Commission did not propose in the NOPR, or adopt in Order No. 890, any changes to the terms and conditions under which a transmission provider may curtail service to maintain reliable operation of the grid, as set forth in sections 13.6 and 14.7 for point-to-point service and section 33 for network service. The Commission did, however, conclude that the posting of additional curtailment information is necessary to provide transparency and allow customers to determine whether they have been treated in the same manner as other transmission system users, including customers of the transmission provider. Accordingly, the Commission required transmission providers, working through NAESB, to develop a detailed template for the posting of additional information on OASIS regarding firm transmission curtailments, including all circumstances and events contributing to the need for a firm service curtailment, specific	WEQ 2008 Annual Plan Item 2(a)(vi)(2)	FORMAL COMMENT: 2nd Quarter, 2009 WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	Not Started

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		services and customers curtailed (including the transmission provider's own retail loads), and the duration of the curtailment.			
	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) **Order 890-A:** 568. Transmission providers also were directed to work with customers to facilitate the use of third party generation, where available, in provision of planning redispatch. To facilitate provision of redispatch service by third parties, the Commission further directed transmission providers, working through NAESB, to modify their OASIS sites and develop any necessary business practices to allow for posting of third party offers to provide planning redispatch. Again, transmission providers were not required to implement the new OASIS functionality and any related business practices until NAESB develops appropriate standards. **Order 890-B:** 131. In Order No. 890, the Commission directed transmission providers to modify their OASIS sites to allow for posting of third-party offers for planning redispatch and to work with NAESB to develop the OASIS functionality and any necessary business practice standards to allow for third-party planning redispatch. The Commission noted that provision of third party planning redispatch required coordination between the customer, transmission provider and reliability coordinator, but determined that the customer bears the burden to ensure that the necessary contractual and technical arrangements are in place to maintain reliability.	WEQ 2008 Annual Plan Item 2(a)(vi)(3)	FORMAL COMMENT: 2nd Quarter, 2009 WEQ EC VOTE: 2nd Quarter, 2009 RATIFICATION: 2nd Quarter, 2009	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 Transmission Commitment (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)* *Requirements for a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed	WEQ 2008 Annual Plan Item 2(a)(vi)(4) and 2(a)(iv)(4)	FORMAL COMMENT: 2nd Quarter, 2008 WEQ EC VOTE: 3rd Quarter, 2008 RATIFICATION: 3rd Quarter, 2008	Started May 15, 2008. Task has been reassigned to BPS/ESS/ITS. Recommendation was voted out of subcommittee on June 17, 2008. Formal comment period closes on July 21, 2008.

		Order 890 Work Plan			
	Cite	**Action Item/Work Plan**	**Action Item Home**	**Target Dates**	**Status**
		uses" is assigned to BPS/ESS/ITS (see above BPS/ESS/ITS item that references WEQ 2008 AP Items 2(b)(ii)(2)).			Approved by WEQ EC August 19, 2008.
		GROUP 7: Tagging for Conditional Firm Service, Submittal Windows			
✔	Order 890-A, paragraph 592	**Tagging for CFS:** Within 180 days of Order 890-A publication, develop tracking capabilities and business practices for tagging for implementation of conditional firm service. **Order 890-A:** 592. We agree with petitioners that the NAESB rules regarding tagging do not allow a transmission provider to change the tag of a transmission customer. That is why, in Order No. 890, the Commission directed transmission providers to coordinate with other transmission providers in their regions to develop their own business practices to implement the tagging and tracking of conditional firm service. Upon consideration of petitioners' concerns, we grant rehearing to require transmission providers, in coordination with NERC and NAESB, to develop within 180 days of publication of this order in the Federal Register a consistent set of tracking capabilities and business practices for tagging for implementation of conditional firm service. We agree with petitioners that a consistent set of practices followed by the industry will reduce transmission provider discretion and bring uniformity in implementing conditional firm service. In the interim, the existing business practices of each transmission provider for tracking and tagging conditional firm service shall remain in effect.	WEQ 2008 Annual Plan Item 2(a)(vii)(1)	FORMAL COMMENT: 3rd Quarter 2008 WEQ EC VOTE: 3rd Quarter 2008 RATIFICATION: 3rd Quarter 2008	Assigned to the ESS/ITS. Order 890-A publications date: January 16, 2008. On April 4, 2008, the ESS/ITS voted to send this recommendation out for informal comments due April 11, 2008. Recommendation posted for 30-day formal comment period on June 25th. Approved by WEQ EC on August 8, 2008.
N S	Order 890-A, paragraph 805	**Submittal Windows:** Standardized practices for allocating capacity among requests received during a submittal window. **Order 890-A:** 805. The Commission recognizes that developing methods to allocate capacity among requests received during a submittal window may require detailed procedures, particularly when transmission requests received simultaneously exceed available capacity. As the Commission explained in Order No. 890, however, we believe that each transmission provider is in the best position to develop allocation procedures that are suitable for its system. This does not preclude transmission providers from working through NAESB to develop standardized practices, as suggested by Southern. For example, as we pointed out in Order No. 890, allocation methods such as that used by PJM to allocate monthly firm point-to-point transmission service could provide useful guidance in developing general allocation procedures.	WEQ 2008 Annual Plan Provisional Item 7	FORMAL COMMENT: WEQ EC VOTE: RATIFICATION:	No date assigned for completion.

Assembled Materials Page 190 of 285

WEQ ESS/ITS & BPS 890 Progress Report

(November 27, 2008 Filing)
Based on WEQ 2008 Annual Plan
As of September 4, 2008

Annual Plan Item	Annual Plan Item	Underway	Scheduled	Concept Discussion	Draft Recommendation	Subcommittee Review	Post Informal Comments	Review Comments	Subcommittee Final Review	Subcommittee Approval	NAESB Clean-up	Post for Formal Comments
2.a.i.3	Annotations For ATC Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.a.i.4	Load Forecast And Actual Load Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.ii.1	Develop the Business Practice Standards complementary to NERC Reliability Standards for Existing Transmission Commitments (ETC) to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses"	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.a.iv.4	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 Transmission Commitment (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)*	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.a.vi.4	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 Transmission Commitment (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)*	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.ii.2	Business practice standards for accounting for counterflows and post backs	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.iii.1	Determine if business practice standards are needed, and if so, develop them to set forth "how the CBM value shall be determined, allocated across transmission paths, and used" and how transmission providers will "reflect the set-aside of transfer capability as CBM in the development of the rate for point-to-point transmission service."	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.iii.2	Business practice standards that include an OASIS mechanism to "allow for auditing of CBM usage."	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.iii.3	Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.iv.1	Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.iv.2	The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.iv.3	Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.v.1	Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.v.2	Business practice standards for data exchange for ATC modeling complementary to the related NERC reliability standards including any OASIS posting requirements to achieve the data exchange	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.v.3	Business practice standards that will set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC values on a constrained path."	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.v.4	Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations".	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.v.5	Business practice standards for posting on OASIS of the "actual daily peak load for the prior day."	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

WEQ ESS/ITS & BPS 890 Progress Report

(November 27, 2008 Filing)
Based on WEQ 2008 Annual Plan
As of September 4, 2008

Annual Plan Item	Annual Plan Item	Underway	Scheduled	Concept Discussion	Draft Recommendation	Subcommittee Review	Post Informal Comments	Review Comments	Subcommittee Final Review	Subcommittee Approval	NAESB Clean-up	Post for Formal Comments
2.b.vi	Business practice standards to complement NERC reliability standards for Transfer Capability in response to new NERC Supplemental SAR: Revisions to Existing Standards MOD001-MOD009, FAC12-13	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.b.vii	ATC Information Link/Transition of MOD-003	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
2.c	Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order.	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
6.f	Modify WEQ-001 to reflect in the definition of certain ancillary services that such ancillary services may be provided by non-generation resources such as demand resources. (http://www.naesb.org/pdf3/weq_ec051308w2.doc)	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

August 29, 2008
Filed Electronically

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

RE: Standards for Business Practices of Public Utilities (Docket No. RM 05-5 et al)

Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") herewith submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding NAESB's activities from October 2007 to August 2008 with respect to the adoption of Version 002 of the NAESB Wholesale Electric Quadrant ("WEQ") standards. The NAESB WEQ Version 002 standards have been approved by the WEQ Executive Committee and will be published on September 30, 2008 and are provided herein. A supplemental report will be submitted to complete the ratification section on September 30, 2008. An executive summary of the changes which resulted in Version 002 is included in the attached report, along with a list of the standards that were created or modified as part of Version 002. Two minor corrections are applied to Version 002 and are also included in this filing. The remainder of the NAESB business practices under development or planned in response to FERC Order No. 890 will be filed separately, in subsequent versions once complete. Reference to these standards development activities is included in the Version Summary.

The standards in this submittal include modifications of existing standards or new standards to support FERC Order No. 890, FERC Order No. 890-A and FERC Order No. 890-B, including the standards to support conditional firm service which have a deadline of August 29, 2008[1]. The NAESB business practices related to Available Transfer Capability ("ATC"), with the exception of the standards to support the North American Electric Reliability Corporation ("NERC") Capacity Benefit Margin ("CBM") standards and the ATC Information List standard, have a November 27, 2008[2] deadline and are included in this filing. The NAESB business practices related to the CBM standards will be submitted to the Commission on or before February 19, 2009, as requested in a recent issuance from FERC[3]. In addition, several of the FERC Order No. 890 non-deadline related standards, a maintenance item related to the Manual Time Error Corrections standards (WEQ-006), and an interpretation of the Gas/Electric Coordination standards (WEQ-011) are included in this submission.

The development efforts in NAESB reflect the work of multiple market interests. In addition, the NAESB WEQ has worked in close coordination with the North American Electric Reliability Corporation ("NERC") on business practice standards that are complementary to NERC reliability standards so that the standards for both organizations

[1] FERC Notice of Extension of Time to the North American Energy Standards Board (NAESB), Docket Nos. RM05-25-001, RM05-25-002, RM05-17-001 and RM05-17-002 (July 8, 2008).
[2] FERC Notice of Extension of Time to the North Electric Reliability Corporation (NERC), Docket Nos. RM05-25-000 and RM05-17-000 (April 29, 2008).
[3] *Id.*

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

remain in lock-step for consistency in the wholesale electric industry. The intra-organization collaborations are not only permitted in the NAESB process, but strongly encouraged – to provide an environment in which standards development has a more diverse vetting in the industry and a resulting broader application.

Some of the standards development activity undertaken that produced Version 002 had considerable industry debate before an agreement was reached on the level of standardization needed and the actual text of the standards themselves. The NAESB process supports a wide range of perspectives, and through a public process permitting all segments of the marketplace to voice equally their issues, balanced voting allows a disparate group to move towards consensus.

All requests for new standards or modifications of existing standards and requests for interpretation are posted on the NAESB home page. All work papers and recommendations from subcommittees and task forces regarding the requests are also posted on the NAESB home page (www.naesb.org). Participation in the task forces and subcommittees, where requests are addressed and recommended standards are formulated, is open to any interested party regardless of membership. Should a participant be unable to attend a meeting where a request of interest is discussed, the party may prepare written comments, which will be posted as work papers for the subcommittee or task force.

The Executive Committee meetings where these standards were discussed and adopted took place from November 2007 to August 2008. The minutes of these meetings are provided as links, which include the voting records of the Executive Committee. The ratification ballots and member ratification voting record results are also included as links. All comments that were filed on the standards as part of the NAESB formal comment period are also included as links.

The cover letter, report and enclosures are being filed electronically as a single document in Adobe Acrobat® Print Document Format (.pdf), and each enclosure is bookmarked separately. The cover letter, report and enclosures are also provided in Microsoft Word 2003 format. The filing is also available on the NAESB web site (www.naesb.org). Please feel free to call me at (713) 356-0060 or refer to the NAESB website (www.naesb.org) should you have any questions or need additional information regarding the NAESB WEQ Version 002 standards.

Respectfully submitted,

Rae McQuade

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

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

cc without enclosures: Chairman Joseph Kelliher, Federal Energy Regulatory Commission
Commissioner Suedeen Kelly, Federal Energy Regulatory Commission
Commissioner Philip D. Moeller, Federal Energy Regulatory Commission
Commissioner Marc Spitzer, Federal Energy Regulatory Commission
Commissioner Jon Wellinghoff, Federal Energy Regulatory Commission
Mr. Shelton Cannon, Director of Energy Market Regulations, Federal Energy Regulatory Commission
Mr. Michael Goldenberg, Senior Attorney, Office of General Counsel, Federal Energy Regulatory Commission
Ms. Cynthia Marlette, General Counsel of the Commission, Federal Energy Regulatory Commission
Mr. Ryan Irwin, Office of Energy Market Regulation, Federal Energy Regulatory Commission
Mr. W. Mason Emnett, Office of General Counsel - Energy Markets, Federal Energy Regulatory Commission

Mr. Michael Desselle, Chairman and CEO, North American Energy Standards Board
Mr. William P. Boswell, General Counsel, North American Energy Standards Board

Mr. David Cook, General Counsel, North American Electric Reliability Corporation
Mr. Andrew Rodriquez, North American Electric Reliability Corporation

Enclosures (all documents and links available publicly on the NAESB web site – www.naesb.org):

Appendix A	Executive Committee Meeting Minutes, Comments and Voting Records Links
Appendix B	Ratification Ballots and Results Links
Appendix C	List of Available Meeting Transcripts
Appendix D	Cross Reference of Standards Adopted in Version 001 to FERC actions on those standards
Appendix E	NAESB Process for Standards Development
Appendix F	Order 890 Plan and Status of Items
Appendix G	WEQ Annual Plan

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practices and	**)**	**Docket No. RM 05-17-000**
Communication Protocols for Public Utilities	**)**	**Docket No. RM 05-5-000**

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with the Commission's Order Nos. 890, No. 890-A and 890-B[4] in the above referenced docket, as well as Order 676[5]. The report includes a summary of the changes that resulted in Version 002 of the wholesale electric quadrant standards, along with a list of the standards that were created or modified as part of Version 002 -- cross–referenced both by request number and by version. The standards can be downloaded from the NAESB home page (www.naesb.org).

In January 2002, the Gas Industry Standards Board ("GISB") became the Wholesale Gas Quadrant (WGQ) of NAESB and three other quadrants were formed, the Wholesale Electric Quadrant (WEQ), the Retail Gas Quadrant, and Retail Electric Quadrant. NAESB WEQ Version 0 standards[6] were adopted by the WEQ and published on January 15, 2005. NAESB WEQ Version 1 standards[7] were adopted by the WEQ and published on October 31, 2007 and subsequently filed with the Commission on December 21, 2007.

There are seven enclosures supporting the report. Provided in appendix A is a list of the links to the minutes from the Executive Committee ("EC") meetings during which recommendations were considered that resulted in Version 002 of the NAESB WEQ standards. The EC minutes include discussion of recommendations from task forces and subcommittees, which ultimately resulted in the standards for Version 002. The EC voting records are attached as part of the minutes. Also included in appendix A is the list of links to all comments filed on the standards that were recommended for adoption to the EC. Provided in appendix B is the list of links to the NAESB membership ratification ballots, which include the EC adopted recommendations that are the basis for the Version 002 changes. Also provided in this appendix is the list of links to the ratification results. Provided in appendix C is the list of available transcripts. appendix D provides a cross reference of FERC actions on NAESB final actions that are now contained in Version 002. More information on any of these actions can be found on the NAESB home page, including all of the minutes and work papers for the subcommittees and task forces, all work papers submitted and all comments provided to subcommittees and task forces in informal comment periods. Provided in appendix E is an overview of the NAESB process by which the standards were adopted. Provided in appendix F is the Order No. 890 work plan and status. Lastly, appendix G contains the 2008 WEQ Annual Plan.

This report is intended solely as a status report from NAESB regarding Version 002 of its standards. NAESB does not advocate that the Commission take a particular position on any of the issues presented.

[4] Preventing Undue Discrimination and Preference in Transmission Service, Order No. 890, 72 FR 12,266 (March 15 2007), FERC Stats. & Regs. ¶31, 241 (2007) (Order No. 890), order on reh'g, Order 890-A, 73 FR 2984 (Jan. 16, 2008), FERC Stats. & Regs. ¶31,261 at P 592 (2007) (Order 890-A), order on reh'g, Order 890-B, --FR---, FERC Stats. & Regs. ¶---- (2008).
[5] FERC Order No. 676, 18 C.F.R. §35, §37, §38 (2006).
[6] NAESB Version 0 standards to FERC Order No. 890(insert docket numbers), *available at* http://www.naesb.org/member_login_form.asp?doc=ferc011805_report.pdf (submitted January 18, 2005). This document is password protected.
[7] NAESB Version 001 Standards in Response to FERC Order No. 890, Docket Nos. RM05-17-000 and RM05-25-000, *available at* http://www.naesb.org/member_login_form.asp?doc=ferc122107.pdf (submitted December 21, 2007). This document is password protected.

VERSION 002 SUMMARY

Presented here is a summary of the activities that led to the compilation of the NAESB Wholesale Electric Quadrant (WEQ) Standards Version 002. All references in this summary pertain only to the WEQ. Supporting documents can be found in appendices A, B, C, D, E, F and G as enclosures to this report. All Version 002 standards that were added or modified are contained in a table following this summary. The table cross references the standards to the related requests for development and the actions that were taken.

In response to FERC Order No. 890, NAESB leadership requested that the NAESB Electronic Scheduling Subcommittee/Information Technology ("ESS/ITS") and Business Practice Subcommittees ("BPS") coordinate efforts to address the ATC related issues from FERC Order No. 890. Since that time, the two subcommittees have met over 60 times to draft and modify the requested standards. The ESS/ITS and BPS worked in close coordination with the North American Electric Reliability Corporation ("NERC") on business practice standards that are complementary to NERC reliability standards so that the standards for both organizations are consistent. This work includes not only joint meetings of NERC drafting teams with NAESB subcommittees, but also joint NERC/NAESB subcommittees. Since April 5, 2006 the NERC ATC drafting team and the ESS/ITS and BPS have met 25 times to ensure the reliability standards and business practice standards remained coordinated and consistent through the development process. The NERC/NAESB Joint Interchange Scheduling Working Group ("JISWG") is a standing joint subcommittee made of both NERC and NAESB participants that worked on modifications to the coordinate interchange business practice standards and reliability standards in addition to work on the NERC Registry and other NERC reliability standards. The JISWG has met 53 times since it was organized in 2005 (7 times in 2005, 13 times in 2006, 28 times in 2007, and 5 times in 2008 to date). NERC staff also participates on the NAESB WEQ Executive Committee as a member of the Executive Committee with voting rights and privileges. This participation ensures that the work of both organizations remains closely coordinated. These intra-organization collaborations are not only permitted in the NAESB process, but also encouraged – to provide an environment in which standards development has a broader vetting in the industry and a resulting broader application. In addition to the joint work with the BPS, the ESS/ITS was assigned the task of addressing the FERC Order No. 890 issues not related to ATC, and to that end, have met 30 times.

Both NERC and NAESB are aware that the standards to complement the NERC reliability standards pertaining to ATC are being filed out of the sequence originally intended by the organizations. After much discussion with NERC, it was determined that this course of action was in the best interest of the wholesale electric industry. The ESS/ITS and BPS determined that certain items contained in the FERC Order No. 890 work plan[8] did not require coordination with the NERC ATC drafting team. Specifically, these items are the standards to support the posting of the available transfer capability and total transfer capability ("ATC/TTC") narratives and load forecast and actual load. The subcommittees took action to complete these items. All other ATC related items in the FERC Order No. 890 work plan were designated as items which required NERC/NAESB coordination. Although several of the ATC related standards include references to NERC reliability standards that have not yet been finalized through the NERC process, they are based on their current work product. The standards include placeholders for the NERC references, which will be updated to reflect the final work product once they are approved by NERC. Neither NERC nor NAESB expect that these NAESB standards will require significant rework once NERC adopts its related reliability standards. NAESB leadership will review the final NERC standards once adopted and will identify if any changes are needed to the standards that were included in Version 002. If changes are needed, a determination will be made whether the changes can be processed as minor actions, or for more substantive changes, the standards modification process will be used. If any modifications are necessary as a result of the finalized NERC standards, NAESB will submit a supplemental filing.

In response to the Commission's request, the NAESB WEQ leadership developed the FERC Order No. 890 work plan, which includes citations to the FERC Order Nos. 890, 890-A and 890-B and corresponds with the 2008 WEQ Annual Plan[9]. Included in the work plan are the scheduled completion dates of the two time sensitive ATC related items that have not yet been completed, the ATC information list standard, due November 27, 2008 and the capacity benefit margin ("CBM") standards, due February 19, 2009. These items will be included in subsequent

[8] NAESB Order 890 work plan, *available at* http://naesb.org/pdf3/order890_081908_naesb_workplan_clean.doc (August 26, 2008).
[9] NAESB 2008 WEQ Annual Plan, *available at* http://www.naesb.org/pdf3/weq_2008_annual_plan.doc (August 26, 2008).

Version 002 filings within the set deadlines. Other standards to be included in a subsequent filing that do not have a FERC Order No. 890 deadline, but are FERC Order no. 890 related include: network service on OASIS; pre-emption; procedures to implement displacement/interruption terms of the pro forma tariff; rollover rights for redirected transmission service; coordination of transmission requests across multiple transmission systems; rebid of partial service to allow a transmission customer to rebid a counteroffer of partial service; posting of curtailment information on OASIS; redispatch cost posting to allow third party offers of planning redispatch services and submittal windows. Also outstanding that may contribute new or modified standards is a review of WEQ standards as they relate to paragraph 1390 of FERC Order No. 890 to determine if modifications are required.

Some of the standards development activity undertaken that produced Version 002 had considerable industry debate before an agreement was reached on the level of standardization needed and the actual text of the standards themselves. The NAESB process supports a wide range of perspectives, and through a public process permitting all segments of the marketplace to voice equally their issues, balanced voting allows a disparate group to move towards consensus. Through this process, NAESB was able to produce new standards and modify existing standards for conditional firm service to meet the August 29, 2008 deadline[10]. NAESB worked independently of NERC to develop the following three ATC related standards due on November 27, 2008:, the ATC/TTC narratives standard; the load forecast and actual load standard[11]; and modifications to the current business practice standards (WEQ-001) to allow for transparency reporting and related functions. NAESB worked jointly with NERC to develop the ATC information link standards; the postbacks and counterflows standards and the existing transmission commitment (ETC) standards which are also due on November 27, 2008,[12] but are provided early in the this submittal. Non-deadline FERC Order 890 related standards developed by NAESB include: the Group 1 modifications to the OASIS standards and communication protocol ("S&CP"), the data dictionary and implementation guide to include annotations for ATC, load forecast and actual load, rebid of partial service, preconfirmation priority and conditional firm service; the Group 2 standards for metrics, redispatch cost posting and WEQ-001 changes for rebid of partial service and preconfirmation priority; and the modifications to the OASIS exemptions in appendix C of WEQ-001. Lastly, as non-FERC Order No. 890 related items, NAESB incorporated demand resources into certain ancillary services definitions as requested by the Commission Wellinghoff's concurring opinion[13] in FERC Order No. 890-A and as a maintenance item, NAESB revised the interconnection time monitor standards to allow for some slight variances for the interconnection time monitor.

The summary organized into six sections: completed FERC Order No. 890 ATC related standards with the August 29 deadline, completed FERC Order No. 890 ATC related standards with the November 2008 deadline, completed FERC Order No. 890 related OASIS standards without deadlines, completed standards not related to FERC Order No. 890, standards under development or planned related to FERC Order No. 890 that will be the subject of either versions 002.1 or 002.2, and FERC Order No. 890 items originally identified for NAESB standards development for which NAESB has decided needed no standards development as they were addressed in other NAESB or NERC efforts. Descriptions of each grouping are shown below:

FERC Order No. 890 ATC Related Standards with the August 29 Deadline

On August 8, 2008, the NAESB Executive Committee ("EC") adopted the business practice standards to support conditional firm service[14]. In paragraph 1078 of FERC Order No. 890[15], the Commission requested that transmission providers "assign short-term firm service to conditional firm customers as the service becomes available" and work with NAESB to "develop the appropriate communication protocols to implement this attribute of conditional firm service." The Commission also requested in paragraph 592 of FERC Order No. 890-A that transmission providers work through NAESB to "develop tracking capabilities and business practices for tagging for implementation of conditional firm service." These requests were addressed through two separate actions. First, the ESS/ITS made modifications to the OASIS S&CP (WEQ-002), the data dictionary (WEQ-003) and implementation guide (WEQ-013) to allow for the capabilities requested in paragraph 1078 of FERC Order No. 890. This work was

[10] FERC Notice of Extension of Time to NAESB, *supra* note 1.
[11] FERC Notice of Extension of Time to NERC, *supra* note 2.
[12] *Id*.
[13] FERC Commissioner Jon Wellinghoff, concurring opinion in response to Federal Power Act, 16 U.S.C. §791 (a) (2008), *available at* . http://www.naesb.org/pdf3/weq_atc_afc070808w24.pdf (issued April 21, 2008).
[14] NAESB 2008 WEQ Annual Plan Items 2(a)(i)(2), 2(a)(vii)(1), *available at* http://www.naesb.org/pdf3/weq_2008_annual_plan.doc (August 26, 2008).
[15] FERC Order No. 890, *supra* note 4, ¶1078.

completed as part of the Group 1 assignments contained in the FERC Order 890 work plan. The ESS/ITS met 10 times to address the assignment. The recommendation developed by the subcommittee passed a subcommittee vote on September 25, 2007 and was sent out for a thirty-day industry comment period on October 3, 2007. The WEQ EC adopted the recommendation via notational ballot on January 16, 2008 and the recommendation was ratified February 29, 2008 with minor corrections applied to the OASIS S&CP, data dictionary and implementation guide on February 27, 2008.

Subsequently, to address the tracking capabilities and business practices for tagging of conditional firm, the ESS/ITS completed Group 7 of the FERC Order 890 work plan[16]. In the process of addressing Group 7, modifications were made to the work previously completed in Group 1. The ESS/ITS met eight times and voted the standard out of subcommittee on June 24, 2008. The conditional firm standard created and modified standards in WEQ-001, WEQ-001 Appendix C, WEQ-002, WEQ-003, WEQ-008 and WEQ-013. Ratification by the membership is expected on September 25, 2008. This item is referenced separately from conditional firm service related items in Group 1 as they do not address the business practices for conditional firm service but address the technical aspects (OASIS S&CP, data dictionary, and implementation guides) of implementing the business practices.

FERC Order No. 890 ATC related standards with the November 2008 deadline

There are seven efforts due in November of 2008 related to FERC Order No. 890 that are provided in this report. They are described below.

First, business practices standards were drafted and modified to support the transparency reporting and related functions that are required by FERC Order No. 890[17]. These standards were added as modifications to WEQ-001. This annual plan item was completed without the coordination of NERC. The item was discussed at two separate ESS/ITS and BPS two day meetings and posted for an informal comment period. It was voted out of the subcommittee on August 17, 2007. The Executive Committee reviewed the recommendation and approved it on November 6, 2007. The modifications to WEQ-001 were ratified December 19, 2007 with minor corrections applied February 27, 2008.

Second, the business practice standards for the posting of ATC/TTC narratives were drafted 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." The standards include a requirement that the transmission provider post the reason for the change in a narrative form. This item was referenced in paragraph 369 of FERC Order No. 890[18] and did not require coordination with the NERC reliability standards development. These standards affect WEQ-001, WEQ-002, WEQ-003 and WEQ-013, as well as Appendix A and B of WEQ-013. The ESS/ITS and BPS met 17 times to address the item and the standards were voted out on February 13, 2008. The EC approved the standards by notational ballot on April 14, 2008. The business practices standards were ratified May 16, 2008.

Third, the business practice standards that were drafted to set forth posting requirements on OASIS for the "underlying load forecast assumption for all ATC calculations" and "actual daily peak load for the prior day" did not require coordination with NERC. This standard was completed as annual plan item 2(b)(v)(4). The standards affect WEQ-001, WEQ-003 and WEQ-013 and were voted out of subcommittee on March 10, 2008, after the ESS/ITS and BPS met 6 times to address the item. The EC approved the standards via notational ballot on April 23, 2008 and the business practice standards were ratified July 23, 2008.

Next, the business practice standards that were drafted to set forth the procedure for input of TTC and ATC methodologies and values[19] were completed with the close coordination of the NERC ATC drafting team. During the NERC and NAESB joint standards development effort, it was determined that the standards contained in NERC MOD003 should be business practice standards instead of reliability standards. The result of the NERC MOD003 transition to a business practice is the ATC information link on OASIS, as it was developed by the ESS/ITS and BPS. These standards are intended to be included in WEQ-001. The ESS/ITS and BPS met 12 times to address this item, including 4 meetings with the NERC ATC drafting team. The standards were voted out of the subcommittee

[16] FERC Order No. 890, 18 C.F.R. § 35, §37, ¶592 (2007).
[17] NAESB 2008 WEQ Annual Plan Item 2(c), *supra* note 10.
[18] FERC Order No. 890, *supra* note 4, ¶369.
[19] NAESB 2008 WEQ Annual Plan Item 2(b)(vii), *supra* at note 10.

on March 13, 2008, and the EC approved the standards via notational ballot on May 2, 2008. The business practice standards were ratified June 27, 2008.

Following, the business practice standards drafted to address postbacks and counterflows[20] were approved by the EC on August 19, 2008. These standards were developed in close coordination with NERC in response to paragraph 213 of FERC Order No. 890[21]. In communications with the NERC leadership, it was determined that a business practice standard addressing counterflows was unnecessary as they have been addressed in the reliability standards. Therefore, the ESS/ITS and BPS limited the scope of their standards development to postbacks. In development of the postback standard, the NAESB ESS/ITS and BPS met 6 times independently and several times with the NERC ATC drafting team to ensure that the standards issues were properly addressed. The postback standards were voted out of subcommittee on May 15, 2008 and are currently out for membership ratification. Ratification of these standards should complete on September 22.

Lastly, the business practice standards to complement NERC reliability standards for existing transmission commitment (ETC) and 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",[22] were developed. The standards created affected WEQ-001, WEQ-003 and WEQ-013 as well as the ATC information link standard. The NAESB ESS/ITS and BPS met on 4 occasions to complete the standards which were voted out of subcommittee on Jun 17, 2008. The NAESB EC approved the business practice standard on August 19, 2008. Ratification of these standards should complete on September 22.

FERC Order No. 890 related OASIS standards without deadlines

NAESB is submitting three FERC Order No. 890 related standards that do not have deadlines and are specified in the Order 890 work plan in groups 1 and 2. For group 1, standards supporting annotations for ATC; load forecast and actual peak load; rebid of partial service; preconfirmation priority and conditional firm are complete. For group 2, metrics redispatch cost posting and WEQ-001 changes for rebid of partial service and preconfirmation priority are complete. Thirdly, the standards supporting the OASIS exemptions in Appendix C of WEQ-001 are complete. The standards development efforts are described below.

NAESB modified the S&CP, data dictionary and implementation guide (WEQ-002, WEQ-003, WEQ-013) to include standards supportive of annotations for ATC; load forecast and actual load; re-bid of partial service; preconfirmation priority; and conditional firm service[23] as part of group 1 of the FERC Order No. 890 work plan. The standards were discussed at 10 meetings of the ESS/ITS subcommittee, after which the proposed recommended standards were approved by the subcommittee in a vote taken on September 25, 2007. The proposed standards were sent out for a thirty-day industry comment period on October 3, 2007. The WEQ EC adopted the recommendation via notational ballot on January 16, 2008 and the recommendation was ratified February 29, 2008 with minor corrections applied to the OASIS S&CP, data dictionary and implementation guide on February 27, 2008.

Next, the ESS/ITS drafted the OASIS Exemptions in Appendix C of WEQ-001 to provide a central location to identify those broad based exemptions provided to groups of WEQ members per FERC Orders and regulations[24]. The appendix is not intended to document individual organization tariff waivers or exemptions. In the event of conflicts between the NAESB OASIS business practices and an individual approved tariff, the standards indicate that the tariff shall prevail as documented in the introduction section of WEQ-013. The subcommittee met 5 times to draft the appendix, which passed a vote on December 17, 2007 and was sent out for a thirty-day industry comment period on December 19, 2007. The WEQ EC approved the recommendation on February 4, 2008 and it was ratified on March 3, 2008.

Finally, in paragraph 413 of FERC Order No. 890[25] the Commission requested NAESB to develop business practice standards 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

[20] *Id*. at 2(b)(ii)(2).
[21] FERC Order No. 890, *supra* note 4, ¶213.
[22] 2008 WEQ Annual Plan Items 2(a)(iv)(4), 2(a)(vi)(4), 2(b)(ii)(1) *supra* at note 10.
[23] 2008 WEQ Annual Plan Items 2(a)(i)(1-6), *supra* at note 10.
[24] *Id*. at 2(a)(i)(7).
[25] FERC Order No. 890, *supra* note 4, ¶413.

rejected" and "the number for affiliate versus non-affiliate requests for transmission service that have been made[26]." The standards also set forth the length of the service request and the type of the service requested. In paragraph 1318 of FERC Order No. 890[27] the Commission requested NAESB to develop OASIS business practice standards to implement the standard performance (planning study) metrics. In Paragraph 1162 of FERC Order No. 890[28] the Commission requested NAESB to develop business practices for redispatch posting. The posting of redispatch information includes the posting of each transmission provider's "monthly average cost of redispatch for each internal congested transmission facility or interface over which it provides redispatch service using planning redispatch or reliability dispatch under the pro forma OATT." The business practice standards for redispatch cost posting 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 dispatch service. In paragraph 1378 of FERC Order No. 890[29] the Commission requested NAESB to develop OASIS business practice standards to complement the OASIS S&CPs developed for rebid of partial service across a single Transmission Provider's system. In paragraphs 1392 and 1401 of FERC Order No. 890[30] the Commission requested NAESB to develop OASIS business practice standards to complement the OASIS S&CPs developed to prohibit "transmission customers from changing a request into a pre-confirmed request and requiring OASIS platforms to be accessible on non-Window/Explorer computers. NAESB also developed 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." Preconfirmation will serve as a tie-breaker when the requests are of equal duration. After 6 meetings, the recommendation passed the subcommittee on February 12, 2008 and went out for industry comment on February 20, 2008. The WEQ EC adopted the recommendation on May 13, 2008 and it was ratified on June 23, 2008.

Standards not related to FERC Order No. 890

There are four items included in this filing that are not related to FERC Order No. 890. The eTariff standards have previously been filed with the Commission and are mentioned here because NAESB is publishing them in Version 002, and Version 002 in total is the subject matter of this report. An interpretation for FERC Order No. 698, modifications to the interconnection time monitor standards and the incorporation of demand resources into certain ancillary services definitions are also included in this section.

First, NAESB developed business practices to support the eTariff program including submittal of tariffs and metadata[31]. The recommendation passed a subcommittee vote on January 25, 2008 and was sent out for a thirty-day industry comment period on January 29, 2008. The WEQ Executive Committee and the WGQ Executive Committee jointly approved the recommendation on March 4, 2008 via notational ballot and it was ratified on April 4, 2008[32]. It was filed with the FERC on April 15, 2008. The FERC issued its Notice of Proposed Rulemaking on April 17, 2008. These standards (WEQ-014) have a limited copyright waiver on record with the Commission[33].

Following, on June 25, 2007, in the proceedings for Docket Nos. RM96-1-027 and RM05-5-001[34] and Order No. 698, FERC adopted NAESB WEQ Standard 011-1.2. In its final rule, FERC included a requirement that pipelines and public utilities subject to the standards file a statement with FERC demonstrating compliance therewith on or before November 1, 2007. A question arose whether the WEQ Standard 011-1.2 applied to a generation facility that uses natural gas only as a start-up fuel, but not otherwise for operation (i.e. the units are not "natural gas-fired electric generating facilities", at least as the term normally is used). The WEQ Interpretation

[26] *Id.* at 2(a)(ii)(1-3) and 2(a)(i)(5-6).
[27] FERC Order No. 890, *supra* note 4, ¶1318.
[28] *Id.* at ¶1162.
[29] FERC Order No. 890, *supra* note 4,¶1378.
[30] *Id.* at ¶¶1392, 1401.
[31] NAESB 2008 WEQ Annual Plan Item 4, *supra* note 10.
[32] NAESB WGQ/WEQ eTariff Definitions and Business Practice Standards, *available* at http://naesb.org/member_login_form.asp?doc=fa_2007_weq_api5_2007_wgq_api8.doc (revised and adopted February 29, 2008). This document is password protected.
[33] NAESB Implementation Guide for Electronic Filing, in regards to Docket Nos. RM01-5-000, *available* at http://naesb.org/member_login_form.asp?doc=fa_2007_weq_api5_2007_wgq_api8_attach.doc (April 4, 2008). This document is password protected.
[34] http://www.naesb.org/member_login_form.asp?doc=ferc101906_M3.pdf

Subcommittee passed the interpretation on October 5, 2007. The interpretation was voted on by the Executive Committee on November 6, 2007 and ratified on December 19, 2007.

Next, in revisions to the NERC BAL-004 standard to remove inappropriate requirements on reliability coordinators who voluntarily agree to serve as Interconnection Time Monitors[35], the NAESB Standards Review Subcommittee requested that the NAESB Business Practice WEQ 006 (Manual Time Error Correction) be reviewed so that the NAESB standard remained complementary to the NERC standard. NAESB modified language in section WEQ-006-4 and 006-5 to allow for variances for the Interconnection Time Monitor to remain consistent wit changes made by NERC to BAL-004. This maintenance item was voted of the subcommittee on June 4, 2008. It passed an EC vote on August 19, 2008 and the ratification process will complete on September 22, 2008.

Lastly, on April 21, 2008 in Federal Energy Regulatory Commission Docket No. RM05-5-005 Commissioner Wellinghoff submitted a concurrence to the Commission's issuance of a Notice of Proposed Rulemaking[36]. In his concurrence, Commissioner Wellinghoff encouraged NAESB and its stakeholders to amend WEQ-001 to avoid any confusion between the FERC Order No. 890 *pro forma* OATT definitions of ancillary service and the WEQ-001 definitions of those same ancillary services[37]. FERC Order No. 890 revised the referenced ancillary service definitions in the *pro forma* OATT to specifically reflect the possible role of demand resources in the provision of the cited ancillary services. The NAESB ESS/ITS and BPS amended the ancillary services as cited in the concurrence which include: reactive supply and voltage control, regulation and frequency response, energy imbalances, spinning reserves, supplemental reserves, and generator imbalances. The amended ancillary services definitions contained in WEQ-001 reflect the definitions contained in the *Pro Forma* OATT as revised by FERC Order No. 890. These modifications included revisions to WEQ-001-2.5.2 through WEQ-001-2.5.7. The recommendation was approved by the WEQ EC on August 19, 2008 and the ratification process will complete on September 22, 2008.

Standards under development or planned related to FERC Order No. 890 that are not yet complete and will be the subject of either Version 002.1 or 002.2

There are seven items that are currently under development or planned related to FERC Order No. 890 that are not yet complete and will be the subject of either version 002.1 or 002.2. Of those, two have deadlines. Those items are the ATC information list which is due November 27, 2008 and CBM, which is due February 19, 2009. The other five items, network service on OASIS (included in group 3 of the Order 890 work plan), pre-emption, request R05019 and revisions to standard 9.7 (included in group 4 of the Order 890 work plan), paragraph 1377 of the 2008 WEQ Annual Plan Item 2(a)(v)(1) (included in group 5 of the Order 890 work plan), 2008 WEQ Annual Plan Item 2(a)(vi)(1) (included in group 6 of the Order 890 work plan) and submittal windows (included in group 7 of the Order 890 work plan) do not have deadlines – but are all in standards development or planned for standards development.

For the first deadline item, while working to develop additional business practice standards to support transparency reporting and related functions, the Joint ESS/ITS and BPS developed a list of the ATC information that would be made available as a result of the ATC standards[38]. The NERC ATC drafting team reviewed this list and provided feedback. After review of the work products, the WEQ EC created a task force to address the standards needed to support the ATC information list. The proposed standards were voted out of the WEQ EC task force on August 14, 2008 and were sent out for industry comment on August 18 with comments dues September 17, 2008. Once the comment period concludes, the WEQ EC will consider the comments and act on the recommendation.

The second deadline applies to business practice standards which set forth "how the CBM value shall be determined, allocated across transmission paths, and used" and how transmission providers will "reflect the set-aside

[35] *Id.* at 6(a).
[36] FERC Commissioner Jon Wellinghoff, concurring opinion in response to Federal Power Act, 16 U.S.C. §791 (a) (2008), *available at* . http://www.naesb.org/pdf3/weq_atc_afc070808w24.pdf (issued April 21, 2008).
[37] NAESB 2008 WEQ Annual Plan Item 6(d), *supra* note 10.
[38] *Id.* at 2(c).

of transfer capability as CBM in the development of the rate for point-to-point"[39]. The proposed CBM business practice standards were voted out of the NAESB Joint ESS/ITS and BPS on July 30, 2008, and is currently out for a formal comment period that ends September 5, 2008. Once the comment period concludes, the WEQ EC will consider the comments and act on the recommendation.

For the first non-deadline item, NAESB is developing OASIS business practice standards and the OASIS technical aspects for "transmission providers and network customers to use OASIS to request designation of new network resources and to terminate designation of network resources[40]." The standards under development will include the ability to electronically query requests to designate and terminate network resources. The OASIS templates under development will allow for queries of all information provided with designation requests; and the ability to mask information about "operating restrictions and generating costs on OASIS[41]." The proposed business practice standards are currently under development. For future status updates, please reference the 2008 WEQ Annual Plan[42] and Order 890 work plan[43]. These items relate to group 3 of the Order 890 work plan.

Not started yet, NAESB plans revisions to the OASIS business practice standards and OASIS S&CPs so that "a new 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[44]." The business practice standards to be developed will be coordinated with work efforts related to 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. As part of the development, the NAESB ESS/ITS expects 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. However, NAESB has begun the revisions for NAESB WEQ business practice standard WEQ 001-9.7 (which addresses rollover rights for Redirected transmission service) to be consistent with the Commission policies. For future status updates, please reference the 2008 WEQ Annual Plan[45] and Order No. 890 Work Plan[46]. These items relate to group 4 of the Order 890 work plan.

Following, NAESB will develop business practice standards to facilitate the coordination of requests across multiple transmission system using the principles set forth in Paragraph 1377 of FERC Order No. 890[47]. NAESB will also develop S&CPs related to coordination of request across multiple transmission systems. The target completion date as listed in the Order 890 work plan is 2nd quarter 2009. NAESB will develop business practice standards "to allow 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." The effort to develop these business practices standards has not yet started. For future status updates, please reference the 2008 WEQ Annual Plan[48] and Order No. 890 Work Plan[49]. These items relate to group 5 of the Order 890 work plan.

Additionally, NAESB will review the existing business functions set forth in the NAESB WEQ standards to determine if standards should be created or modified as related to Paragraph 1390 of FERC Order No. 890[50]. NAESB expects to develop OASIS business practice standards and OASIS S&CPs for the "posting of additional curtailment information on OASIS" via a "detailed template for the posting of additional information on OASIS regarding firm transmission curtailments." NAESB will develop business practice standards for redispatch cost

[39] FERC Order No. 890, *supra* note 4, ¶¶257, 262.
[40] NAESB 2008 WEQ Annual Plan Item 2(a)(iii) *supra* note 10, FERC Order No. 890, *supra* note 4, ¶¶385, 1477, 1504, 1541, FERC Order No. 890-A, *supra* note 4, ¶919, FERC Order No. 890-B, *supra* note 4, ¶¶182-83, 188-89, 209.
[41] FERC Order No. 890, *supra* note 4, ¶¶1477
[42] NAESB 2008 WEQ Annual Plan Item, *supra* note 10,
[43] NAESB Order 890 work plan,, *supra* note 9.
[44] NAESB 2008 WEQ Annual Plan Item 2(a)(iv)(1), *supra* note 10, FERC Order No. 890, *supra* note 4, ¶1407, FERC Order No. 890-A, *supra* note 4, ¶¶697-99, 700-08, 814-819.
[45] NAESB 2008 WEQ Annual Plan Item, *supra* note 10,
[46] NAESB Order 890 work plan,, *supra* note 9.
[47] NAESB 2008 WEQ Annual Plan Item 2(a)(v)(1), *supra* note 10, FERC Order No. 890, *supra* note 4, ¶¶1377-78, FERC Order No. 890-A, *supra* note 4, ¶¶ 762, 766.
[48] NAESB 2008 WEQ Annual Plan, *supra note 10.*
[49] NAESB Order 890 work plan,, *supra* note 9
[50] NAESB 2008 WEQ Annual Plan Item 2(a)(vi)(1), *supra* note 10, FERC Order No. 890 *supra* note 4 at ¶243-44, 1005, 1390, 1627, FERC Order No. 890-A, *supra* note 4 at ¶¶568, 973, FERC Order No. 890-B, *supra* note 4 at¶131.

posting which will include OASIS S&CPs to allow for posting of third party offers of planning redispatch services. The business practice standards developed for redispatch cost posting may affect the existing NAESB business practice standards for Transmission Loading Relief (TLR). The proposed business practice standards highlighted here have not yet started. For future status updates, please reference the 2008 WEQ Annual Plan[51] and Order No. 890 Work Plan[52]. These items related to group 6 of the Order 890 work plan.

Lastly, NAESB will develop standardized practices for allocating capacity among requests received during the submittal window[53]. The proposed business practice standards highlighted here have not yet started. For future status updates, please reference the 2008 WEQ Annual Plan[54] and Order No. 890 Work Plan[55]. These items relate to group 7 of the Order 890 work plan.

FERC Order No. 890 Items That the Organization Decided Needed No Action As They Were Included in Other NAESB or NERC Efforts

Several of the FERC Order No. 890 items were deemed to require no standards development action by NAESB as they were included in other NAESB or NERC efforts. When a subcommittee determines that no action is to be taken on a particular item, that item is posted for a 30 day industry comment period. The EC reviews any comments submitted and the item must pass a simple majority vote. Items for which no action is required do not require membership ratification, as that process is reserved for creations of, modifications to or deletion of existing standards. There are six standards development items that required no action by NAESB: data exchange for ATC modeling, transmission reserve margin (TRM), ATC and AFC calculation methodologies, CPS to complement a NERC supplemental SAR and the remaining requirements documented in R05004 and R05004A.

First, possible business practice standards were discussed to address issues regarding data exchange for ATC modeling complementary to the related NERC reliability standards including any OASIS posting requirements to achieve the data exchange[56]. It was determined that NERC will define the data to be exchanged while NAESB will identify any new OASIS posting requirements or template query requirements which are needed in order to facilitate data exchange for ATC modeling. The NAESB ESS/ITS and BPS recommended no action for this proposed business practice standard as it is to be addressed in NERC standards. The EC approved the no action recommendation on May 13, 2008.

Second, possible business practice standards were discussed to complement the NERC reliability standards for TRM[57]. After review of the NERC reliability standards and the requirements of paragraphs 272 and 273 of FERC Order No. 890[58] the joint subcommittees recommended that no action was necessary because these items were addressed in the ATC Information Link & ESS/ITS's Group 1 (conditional firm service, annotations for ATC, load forecast and actual load, rebid of partial service, and preconfirmation priority). The WEQ approved the no action recommendation on August 19, 2009.

Third, possible business practice standards were discussed to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards[59]. After review of the NERC reliability standards and the requirements of paragraph 301 of FERC Order No. 890[60] the joint subcommittees recommended that no action was necessary because this item was addressed in the ATC information link and FERC Order No. 890 modifications to WEQ-008 (with minor corrections applied February 27, 2008). The NAESB Executive Committee (EC) accepted the recommendation for no action on August 19, 2008.

Next, possible business practice standards were discussed to complement NERC reliability standards for transfer capability in response to a NERC supplemental standards authorization request (SAR), revisions to existing

[51] NAESB 2008 WEQ Annual Plan, *supra note 10.*
[52] NAESB Order 890 work plan,, *supra* note 9.
[53] NAESB 2008 WEQ Annual Plan Item 2(a)(vii)(1) and Provisional Item 7, *supra* note 10, FERC Order No. 890-A, ¶¶592, 805.
[54] NAESB 2008 WEQ Annual Plan, *supra note 10.*
[55] NAESB Order 890 work plan,, *supra* note 9
[56] NAESB 2008 WEQ Annual Plan Item 2(b)(v)(2), *supra* note 10.
[57] NAESB 2008 WEQ Annual Plan Items 2(b)(iv)(1-3), *supra* note 10.
[58] FERC Order No. 890, *supra* note 4 at ¶¶272-73.
[59] NAESB 2008 WEQ Annual Plan Item 2(b)(v)(1), *supra* note 10.
[60] FERC Order No. 890 *supra* note 4, ¶301.

standards MOD001-MOD009, FAC12-13[61]. The NAESB ESS/ITS and BPS coordinated efforts with the NERC ATC drafting team and on May 1, 2008, and determined no additional standards were required from NAESB. After review of the ATC information link and discussing the issue with NERC, the NAESB subcommittees recommended no action for the proposed business practice standard. The NAESB EC accepted the recommendation for no action on August 19, 2008.

Following, standard request R05004 was originally submitted by the NERC ATC drafting team on December 12, 2005, and was subsequently revised on August 8, 2006, to reflect potential requirements which have since been superseded by FERC Order Nos. 890, 890-A and 890-B. The ESS/ITS and BPS recommended no action for the request as the actions expected from this request are addressed in the Order 890 work plan. The NAESB Executive Committee (EC) accepted the recommendation for no action on August 19, 2008.

Lastly, a no action determination was made for WEQ annual plan item no. 3(a)(vi)(1) – for representation of pre-Order No. 888 ("grandfathered") transmission and ancillary services in OASIS. The no action determination was taken as this annual plan item is addressed separately as part of the standards development efforts for ETC as part of the Order 890 work plan. The issue was discussed during three ESS/ITS and BPS meetings, before the no action recommendation was voted out of the subcommittees. The NAESB EC accepted the recommendation for no action on August 19, 2008.

LIST OF NEW STANDARDS, STANDARDS MODIFICATIONS AND INTERPRETATIONS FOR VERSION 002

Request Cross Reference:

The request cross reference lists each standard either modified or created in Version 002, its description, the request that instigated the change, and a brief description of the change itself. If the change was originated through a minor correction, the date of the minor correction is given. The table is sorted by standard numbering shown below. If a standards manual is noted, it is for the set of standards that directly follow and is indicated by the series of standards within the manual.

The standards follow a numbering convention which is x-y.z(.n):

x	standard number and topic	
y	subordinate category or section	
z(.n)	optional further subordinate sections for granularity	
A-G, P or M	optional:	A - (Appendix A or examples)
		B - (Appendix B)
		C - (Appendix C)
		D - (Appendix D)
		E - (Appendix E)
		F - (Appendix F)
		G - (Appendix G)
		P - Principle
		M - Model

x	Business Topic – Standard Number	
	001	OASIS
	002	OASIS Standards and Communication Protocols (S&CP)

[61] NAESB 2008 WEQ Annual Plan Item 2(b)(vi), *supra* note 12

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 ● Houston, Texas 77002 ● **Phone:** (713) 356-0060 ● **Fax:** (713) 356-0067
email: naesb@naesb.org ● **Web Site Address:** www.naesb.org

September 3, 2008
Filed Electronically

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

RE: Standards for Business Practices for Interstate Natural Gas Pipelines (Docket No. RM96-1-027)

Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding the FERC Order No. 698 standards. The standards will be included in version 1.9 of the Wholesale Gas Quadrant ("WGQ") standards when published; and in the meantime, the individual standards can be accessed through the final actions as noted in this report. This NAESB report is submitted in response to Docket No. RM96-1-027. The report addresses two sets of standards adopted by NAESB to respond to issues raised in FERC Order No. 698 and also highlights action taken by the NAESB WGQ Executive Committee ("EC") in one area of development that concluded in no action. The NAESB standard to provide increased receipt and delivery point flexibility through the use of redirects of scheduled quantities and the NAESB standards providing for index-based pricing for capacity release transactions were ratified by NAESB membership on August 25, 2008 and are now accessible as final actions. Also included in this report is a description of the industry effort that led to a no action determination concerning modifications to the intra-day nomination timeline.

We very much appreciate the time, knowledge and industry leadership provided by all participants, both members and non-members. The report is being filed electronically in Adobe Acrobat® Print Document Format (.pdf). All of the documents are also available on the NAESB web site (www.naesb.org). Please feel free to call me at (713) 356-0060 or refer to the NAESB website (www.naesb.org) should you have any questions or need additional information regarding the NAESB FERC Order No. 698 standards or any other NAESB work products.

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

NORTH AMERICAN ENERGY STANDARDS BOARD
1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067
email: naesb@naesb.org • **Web Site Address:** www.naesb.org

cc without enclosures: The Honorable Joseph Kelliher, Chairman, Federal Energy Regulatory Commission
The Honorable Suedeen Kelly, Commissioner, Federal Energy Regulatory Commission
The Honorable Philip D. Moeller, Commissioner, Federal Energy Regulatory Commission
The Honorable Marc Spitzer, Commissioner, Federal Energy Regulatory Commission
The Honorable Jon Wellinghoff, Commissioner, Federal Energy Regulatory Commission
Mr. Shelton Cannon, Director of Energy Market Regulations, Federal Energy Regulatory Commission
Mr. Michael Goldenberg, Senior Attorney, Office of General Counsel, Federal Energy Regulatory Commission
Ms. Cynthia Marlette, General Counsel of the Commission, Federal Energy Regulatory Commission

Mr. William P. Boswell, General Counsel of the North American Energy Standards Board
Mr. Michael Desselle, Chairman of the North American Energy Standards Board
Ms. Valerie Crockett, Vice Chairman Wholesale Gas Quadrant, North American Energy Standards Board

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

Appendix A	List of Participants
Appendix B	Summary of Meetings and Related Events
Appendix C	Links to Executive Committee Meeting Minutes, Comments and Voting Records
Appendix D	Links to Ratification Ballots and Ratification Results
Appendix E	List of Available Transcripts
Appendix F	NAESB Process Summary
Appendix G	WGQ Annual Plan

September 3, 2008

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Standards for Business Practices and	**)**	**Docket No.** RM96-1-027
Communication Protocols for Public Utilities	**)**	

REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with FERC Order No. 698[1] in the above referenced dockets.

In January 2002, the Gas Industry Standards Board ("GISB") became the Wholesale Gas Quadrant (WGQ) of NAESB and three other quadrants were formed, the Wholesale Electric Quadrant (WEQ), the Retail Gas Quadrant, and the Retail Electric Quadrant. NAESB serves as an industry forum for the development and promotion of standards, which will lead to a seamless marketplace for wholesale and retail natural gas and electricity, as recognized by its customers, business community, participants, and regulatory entities.

Contained in this report are the business practice standards for increased receipt and delivery point flexibility through the use of redirects of scheduled quantities and index-based pricing for capacity releases. The technical implementation standards for index-based pricing for capacity releases will be filed subsequent to this submittal as they are still in the development process. The WGQ Executive Committee ("EC") approved the recommendation of the WGQ Business Practices Subcommittee ("BPS") to take no action concerning modifications to the intra-day nomination timeline; therefore, no standards are being submitted on this issue.

There are seven enclosures supporting this report. Provided in Appendix A is a list of the participants from all the meetings related to FERC Order No. 698. Appendix B provides a summary of the relevant meetings and related events. Provided in Appendix C are the links to the EC meeting minutes, comments and the voting records. Appendix D provides the links to ratification ballots and the ratification results. Provided in Appendix E is the list of available transcripts. Appendix F contains the American National Standards Institute accredited process by which NAESB develops standards. Lastly, Appendix G contains the current 2008 WGQ Annual Plan[2].

The NAESB WGQ BPS Order 698 meetings and EC meetings where these standards were drafted, discussed and adopted took place from June 2007 to July 2008. There were thirteen subcommittee meetings, many of them multi-day in duration, focused solely on FERC Order No. 698 issues. There were three EC meetings where the FERC Order No. 698 standards development effort was discussed as a key agenda topic. All meetings were open to all interested parties and were publicly noticed, and were available by phone and web cast for those unable to travel. The meetings were held in various locations, diverse geographically. Any interested party was encouraged to submit comments if their schedules would not permit them to participate either in person or over the phone/web cast. The minutes of these meetings are provided as links in appendices B and C, which include the voting records of the EC, and include all comments filed as part of the formal comment period for the FERC Order No. 698 standards. The ratification ballots and member ratification voting record results are also included as links in appendix D. An abbreviated review of the NAESB process by which the standards were drafted, considered and adopted is provided in appendix F. Provided in appendix G is the WGQ Annual Plan. More detailed process descriptions can be accessed from the NAESB web site.

[1] *Standards for Business Practices for Interstate Natural Gas Pipelines; Standards for Business Practices for Public Utilities*, Order No. 698, 18 C.F.R. §38, 284, FERC Stats. & Regs., ¶ 31,251 (June 25, 2007), order on clarification and reh'g, Order No. 698-A, 121 FERC ¶ 61,264 (2007).
[2] NAESB 2008 WGQ Annual Plan, *available at* http://www.naesb.org/pdf3/wgq_2008_annual_plan.doc.

The development of the FERC Order No. 698 standards reflected multiple market interests and is the work product of the WGQ. While this was a WGQ standards effort since only WGQ standards were considered for change, all interested parties including the Wholesale Electric Quadrant ("WEQ") membership were asked to participate and make their perspectives known. All interested parties regardless of membership in NAESB were encouraged to participate, as they are in all NAESB meetings, to provide the broadest possible input from the industry, as work products are prepared. Appendix A provides a list of all who participated in the meetings related to FERC Order No. 698.

The standards development activity undertaken that produced the FERC Order No. 698 standards had considerable industry debate before an agreement was reached. The NAESB process supports a wide range of perspectives, and through a public process permitting all segments of the marketplace to voice equally their issues, balanced voting allows a disparate group to move toward consensus. As such, NAESB was able to produce and/or modify standards for business practices for index-based pricing for capacity release transactions and business practices to allow for increased receipt and delivery point flexibility through the use of redirects of scheduled quantities. After much consideration, no action was recommended to modify the existing intra-day nomination timeline.

NAESB Standards for Indexed Based Pricing for Released Capacity (2008 WGQ Annual Plan Item 4a)

In FERC Order No. 698, the Commission requested NAESB to develop standards directing the releasing shipper to set out clearly the terms and conditions of indexed releases that would include the means for implementing the formula rate[3]. Over the course of ten meetings in seven months, the NAESB WGQ BPS modified three existing WGQ business practice standards, developed ten new WGQ business practice standards and two new WGQ definitions for index-based pricing for capacity release transactions. The recommendation was supported by the subcommittee on March 13, 2008. The recommendation was sent out for a thirty-day industry comment period on April 3, 2008 and one comment was received. The WGQ EC revised and approved all of the above on June 25, 2008 with a needed super-majority threshold of 67% overall, and a minimum of 40% affirmative vote from each segment. No negative votes were received. The standards were ratified on August 25, 2008.

During the development process, a concern was raised that the terms and conditions of licensing agreements offered by indices publishing companies could be an obstacle to the facilitation of index-based transactions between multiple parties. Specifically, issues regarding the expense of licensing and the ability to share indices data within a company and with third parties were noted. In response to those concerns, representatives from Platts attended the November 15, 2007 WGQ BPS meeting to respond to questions and provide a presentation. On June 25, 2008 at a WGQ EC meeting, presentations were given by SNL Energy ("SNL"), ICE Data ("ICE"), and Natural Gas Intelligence ("NGI"). Information can be found through the meeting minutes and presentations posted on the NAESB web site.

The translation of business practice standards to technical implementations of those standards is accomplished through the identification of the data required to support the transactions, definition of information requirements for the data, and mapping of that data into specific electronic transactions. This translation is performed by the Information Requirements ("IR") and Technical subcommittees and completes the standards development process, often referred to as full staffing. Both the IR and Technical subcommittees work in tandem to complete this crucial technical implementation activity. Although the business practice standards addressing index-based pricing for capacity release transactions have been ratified by the NAESB membership and are included in this filing, the standards have not completed the full staffing process. It is in progress now. NAESB considers a review of the implemental aspects of business practice standards an essential step in the standards development process, and therefore directed the IR and Technical subcommittees to designate the full staffing of the index-based capacity release standards as high priority. These standards are currently being addressed by the subcommittees and are expected to be fully staffed as early as fourth quarter 2008 but more probably during the first quarter 2009. This effort is being completed in conjunction with the subcommittees' response to FERC Order No. 712[4]. Upon completion of the technical implementation standards for index-based capacity release transactions, NAESB will submit a supplemental filing containing the complementary technical standards. The concept of full staffing is important to any industry standards organization, to ensure that implementers of the business practices are not required to design and build technical solutions for the business practices - once when the standards for technical

[3] FERC Order No. 698, *supra* note 1, ¶56.
[4] *Promotion of a More Efficient Capacity Release Market*, Order No. 712, 18 C.F.R. §284, 123 FERC ¶61,286 (June 19, 2008).

implementation do not exist, and again after they do. This duplication of effort can be time consuming and expensive, not to mention disruptive to the parties to the transactions.

NAESB Standards for Increased Receipt and Delivery Point Flexibility (2008 WGQ Annual Plan Item 4b)

In FERC Order No. 698[5], the Commission requested NAESB to consider developing standards for increased receipt and delivery point flexibility through the use of redirects of scheduled quantities. Over the course of seven meetings in five months, the NAESB WGQ BPS developed one WGQ standard to address increased receipt and delivery point flexibility. The recommendation passed a subcommittee vote on January 9, 2008. The recommendation was sent out for a thirty-day industry comment period on April 3, 2008 and three comments were received. The WGQ EC approved the standard on May 15, 2008 with a needed super-majority threshold of 67% in total, with a minimum of 40% affirmative vote from each segment. No negative votes were received. The standard was ratified on August 25, 2008. After review, it was determined by the subcommittee that no technical implementation standards were needed to support redirects. As such, it is considered fully staffed.

NAESB Consideration of Changes to the Intra-day Nomination Schedules (2008 WGQ Annual Plan Item 4c)

In paragraph 69 of FERC Order No. 698,[6] the Commission requested NAESB staff to consider whether changes to existing intra-day nomination schedules would benefit all shippers, and provide for better coordination of gas and electric markets. Over the course of twelve meetings in the span of nine months, the WGQ BPS met to discuss the possibility of modifying the intra-day nomination timeline (NAESB WGQ Standard No. 1.3.2). A scoping issues document was prepared on August 30-31, 2007 by the subcommittee. After discussions began on several models to modify the intra-day nomination timeline, the subcommittee prepared a timeline design considerations work paper on March 12-13, 2008. It was modified on April 22-23, 2008 and applied to the models offered by participants for comparison purposes. A straw vote was taken by the subcommittee on April 23 to identify the models with the most support. The models with the most support were submitted by a pipeline collaborative, FPL Energy ("FPL") and Tennessee Valley Authority/Arizona Public Service ("TVA/APS")). These models were reconsidered at a May 19-20 meeting, and on May 20, 2008, the subcommittee was not able to reach a balanced simple majority vote to support any of the three models going forward as a recommendation.

The pipeline collaborative model received ten supporting votes and fifty votes in opposition, resulting in a balanced vote of 1.68 in favor to 8.32 opposed, thereby failing to obtain the requisite simple majority. The end users segment cast one supporting vote and eighteen opposing votes. The local distribution companies ("LDCs") cast three supporting votes and nine opposing votes. The pipelines cast four supporting votes and twelve opposing votes. The producers did not cast any votes in favor and cast six votes in opposition. The services segment cast two votes in favor and five votes in opposition.

The FPL model received seven votes in favor and fifty-three votes in opposition resulting in a balanced vote of 1.25 in favor to 8.75 opposed, thereby failing to obtain the requisite simple majority. The end users segment cast four votes in favor and fifteen votes in opposition. The LDCs cast one supporting vote and eleven opposing votes. The pipelines cast no votes in support and seventeen votes in opposition. The producer segment did not cast any supporting votes and six opposing votes. The services segment cast two votes in support and four votes in opposition.

The TVA/APS model received twenty votes in support and thirty-seven votes in opposition resulting in a balanced vote of 3.45 in favor to 6.52 opposed, thereby failing to obtain the requisite simple majority. The end users segment cast eleven supporting votes and seven opposing votes. The LDCs cast five votes in support and four votes in opposition. The pipeline segment did not cast any votes in support and seventeen opposing votes. The producer segment did not cast any supporting votes and six opposing votes. The services segment cast four supporting votes and three opposing votes.

Each segment given the opportunity to voice their concerns on the issues that was important to them in making a final determination on whether or not to support a proposed model. The minutes of May 20 BPS meeting during which the voting took place can be reviewed along with comments and work papers to understand the breadth of interests expressed during the consideration of these models.

[5] FERC Order No. 698, *supra* note 1, ¶63.
[6] FERC Order No. 698, *supra* note 1, ¶69.

Participants from the end user segment, the LDC segment and the services segment all prepared written comments for consideration by the EC as it determined the disposition of the recommendation to take no action to develop standards for WGQ 2008 annual plan item 4c. Although the pipeline segment actively participated and provided leadership in the intra-day nomination timeline discussions, there were no formal comments submitted by pipeline representatives. Similarly, the producers segment also actively participated and provided leadership in discussions regarding the intra-day nomination timeline although no formal comments were submitted on their behalf. Details of the issues expressed by the participants can be found in the formal comments, discussion in the meeting minutes of both the BPS and the EC, and the EC transcripts related to 2008 WGQ Annual Plan Item 4(c)[7].

The recommendation to take no action was sent out for a thirty-day industry comment period on June 3, 2008 and seventeen comments were received. When a subcommittee determines that no action is to be taken on a particular request for standards development or for an annual plan standards development item, that item is posted for a 30-day industry comment period. The EC reviews the comments submitted and the item must pass a simple majority vote of the EC. Development items that are determined to need no action do not need to be sent out for membership ratification. On July 14, 2008, the WGQ EC voted to support the subcommittee's decision to not modify the current timeline. The vote to support no action to be taken passed with 15 in favor and 8 opposed.

[7] NAESB 2008 WGQ Annual Plan Item 4(c), 2007 WGQ Annual Plan Item 7(c), *supra* note 4.

123 FERC ¶ 61,286
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

18 CFR Part 284

(Docket No. RM08-1-000; Order No. 712)

Promotion of a More Efficient Capacity Release Market

(Issued June 19, 2008)

AGENCY: Federal Energy Regulatory Commission.

ACTION: Final Rule.

SUMMARY: In this Final Rule the Federal Energy Regulatory Commission revises its regulations governing interstate natural gas pipelines to reflect changes in the market for short-term transportation services on pipelines and to improve the efficiency of the Commission's capacity release program. The Commission permits market based pricing for short-term capacity releases and facilitates asset management arrangements by relaxing the Commission's prohibition on tying and on its bidding requirements for certain capacity releases. The Commission further clarifies that its prohibition on tying does not apply to conditions associated with gas inventory held in storage for releases of firm storage capacity. Finally, the Commission waives its prohibition on tying and bidding requirements for capacity releases made as part of state-approved retail open access programs.

EFFECTIVE DATE: This rule will become effective 30 days after publication in the FEDERAL REGISTER.

FOR FURTHER INFORMATION CONTACT:

William Murrell, Office of Energy Market Regulation
Federal Energy Regulatory Commission
888 First Street, NE, Washington, DC 20426
William.Murrell@ferc.gov
(202) 502-8703

Robert McLean, Office of the General Counsel
Federal Energy Regulatory Commission
888 First Street, NE, Washington, DC 20426
Robert.McLean@ferc.gov
(202) 502-8156

David Maranville, Office of the General Counsel
Federal Energy Regulatory Commission
888 First Street, NE, Washington DC 20426
David.Maranville@ferc.gov
(202) 502-6351

SUPPLEMENTARY INFORMATION:

123 FERC ¶ 61,286
UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

Promotion of a More Efficient Capacity Release Market — Docket No. RM08-1-000

ORDER NO. 712

FINAL RULE

TABLE OF CONTENTS

Paragraph Numbers

I. Background ..... 2.
A. The Capacity Release Program ..... 2.
B. The NOPR ..... 15.
C. Comments ..... 19.

II. Overview of the Final Rule ..... 24.

III. Price Cap Issues ..... 30.
A. Removal of Maximum Rate Ceiling for Short-Term Capacity Releases ..... 30.
1. Maximum Rate Ceiling Interferes with Efficient Transactions ..... 32.
2. Assurance of Just and Reasonable Rates ..... 38.
a. Market Conditions Ensure Just and Reasonable Rates ..... 39.
b. Recourse Rate Protection ..... 48.
c. Short-Term Customers are Not Captive ..... 50.
d. Non-cost factors ..... 51.
e. Oversight ..... 55.
3. Comments ..... 57.
a. Lack of Competition in Certain Areas ..... 58.
b. Benefits from Removing the Price Ceiling ..... 63.
c. Promotion of Construction ..... 67.
d. Changed Circumstances ..... 68.
e. Exemption from Bidding for Short-Term Releases at the Maximum Rate ... 72.
B. Removal of Price Ceiling for Long-Term Releases ..... 74.
C. Removal of Price Ceiling for Pipeline Short-Term Transactions ..... 81.
1. Removal of the Price Ceiling is Not Justified ..... 82.
2. Response to Specific Comments ..... 87.
a. Evidentiary Record ..... 87.
b. Infrastructure Incentives ..... 90.

c. Competitive Market Structure ..... 92.
d. Differences in Flexibility between Pipeline Capacity and Released Capacity 95.
e. Bifurcation of the Markets ..... 103.

IV. Asset Management Arrangements ..... 109.
A. Background ..... 110.
B. Discussion ..... 118.
1. Tying ..... 127.
2. Bidding ..... 132.
3. Definition of AMAs ..... 138.
a. NOPR Proposal ..... 138.
b. Comments ..... 141.
c. Modified Definition ..... 144.
4. Supply AMAs ..... 148.
5. AMA profit sharing arrangements ..... 154.
6. Exemption from Buy/Sell Prohibition ..... 163.
7. Other AMA Terms and Conditions ..... 170.
8. Posting and Reporting Requirements ..... 172.
9. Part 157 Capacity ..... 178.

V. Tying of Storage Capacity and Inventory ..... 186.

VI. Liquefied Natural Gas ..... 191.

VII. State Mandated Retail Unbundling ..... 194.

VIII. Implementation Schedule ..... 202.

IX. Information Collection Statement ..... 203.

X. Environmental Analysis ..... 216.

XI. Regulatory Flexibility Act ..... 217.

XII. Document Availability ..... 220.

XIII. Effective Date and Congressional Notification ..... 223.

UNITED STATES OF AMERICA
FEDERAL ENERGY REGULATORY COMMISSION

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

Promotion of a More Efficient Capacity Release Market — Docket No. RM08-1-000

ORDER NO. 712

FINAL RULE

(Issued June 19, 2008)

1. In this Final Rule, the Commission revises its Part 284 regulations concerning the release of firm capacity by shippers on interstate natural gas pipelines. First, as proposed in its Notice of Proposed Rulemaking,[1] the Commission will remove, on a permanent basis, the rate ceiling on capacity release transactions of one year or less. Second, the Commission will modify its regulations to facilitate the use of asset management arrangements (AMAs), under which a capacity holder releases some or all of its pipeline capacity to an asset manager who agrees to either purchase from, or supply the gas needs of, the capacity holder. Specifically, the Commission will exempt capacity releases made as part of AMAs from the prohibition on tying and from the bidding requirements of section 284.8. Third, the Commission clarifies that its prohibition on tying does not

[1] Promotion of a More Efficient Capacity Release Market, 72 Fed. Reg. 65,916, FERC Stats. and Regs. ¶ 32,625 (November 26, 2007) 121 FERC ¶ 61,170 (2007) (NOPR).

apply to conditions associated with gas inventory held in storage for releases of firm storage capacity. Fourth, the Commission will modify its regulations to facilitate retail open access programs by exempting capacity releases made under state-approved retail access programs from the from the prohibition on tying and from the bidding requirements of section 284.8. This Final Rule is designed to enhance competition in the secondary capacity release market and to increase shipper gas supply options. This rule will become effective 30 days after publication in the Federal Register.

I. Background

A. The Capacity Release Program

2. The Commission adopted its capacity release program as part of the restructuring of natural gas pipelines required by Order No. 636.[2] In Order No. 636, the Commission sought to foster two primary goals. The first goal was to ensure that all shippers have meaningful access to the pipeline transportation grid so that willing buyers and sellers can meet in a competitive, national market to transact the most efficient deals possible.

[2] Pipeline Service Obligations and Revisions to Regulations Governing Self-Implementing Transportation; and Regulation of Natural Gas Pipelines After Partial Wellhead Decontrol, Order No. 636, 57 Fed. Reg. 13,267 (April 16, 1992), FERC Stats. and Regs., Regulations Preambles January 1991 - June 1996 ¶ 30,939 (April 8, 1992), order on reh'g, Order No. 636-A., 57 Fed. Reg. 36,128 (August 12, 1992), FERC Stats. and Regs., Regulations Preambles January 1991 - June 1996 ¶ 30,950 (August 3, 1992), order on reh'g, Order No. 636-B, 57 Fed. Reg. 57,911 (Dec. 8, 1992), 61 FERC ¶ 61,272 (1992), notice of denial of reh'g, 62 FERC ¶ 61,007 (1993); aff'd in part, vacated and remanded in part, United Dist. Companies v. FERC, 88 F.3d 1105 (D.C. Cir. 1996), order on remand, Order No. 636-C, 78 FERC ¶ 61,186 (1997).

North American Energy Standards Board

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

NAESB DSM-EE ACTIVITY SUMMARY
SEPTEMBER 3, 2008

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

- **April 11, 2007:** Several representatives of the NAESB WEQ, REQ, and RGQ as well as representatives of the US Department of Energy, US Environmental Protection Agency, FERC, and other industry experts met at the Department of Energy offices in Washington, D.C. to discuss the NAESB effort to draft business practices for Demand Side Management and Energy Efficiency. Ongoing Energy Efficiency and DSM projects and programs by other groups (such as NAPEE) were reviewed by the meeting attendees. The following resolution outlines the scope of the initial effort by NAESB to draft business practice standards for these topics: It was decided that NAESB should begin its standards development focus on measurement and verification of energy savings and peak demand reduction from both a wholesale and retail electric market perspective. A future schedule of meetings for DSM and Energy Efficiency should be posted on the NAESB website shortly.
- **May 24, 2007:** 75 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants (22% more than the first meeting) met in person and by conference telephone at NAESB headquarters in Houston to refine the scope of Phase 1 activities, agreeing on a specific list of tasks and assigning subgroups of volunteers to work on each task. At this meeting, no less than 28 individuals spoke to the group.
- **June 18, 2007:**. 51 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants met in person and by conference telephone at BGE offices in Baltimore to further refine the scope of Phase 1 activities by reviewing the initial task list and revising it with more detailed deliverable requirements and dates, and with identification of base documents to support completing each task.
- **July 26, 2007:** 46 NAESB members, FERC, DOE, EEI, ISO and State regulatory personnel, experts in DSM and energy markets participants met in person and by conference telephone at AGA offices in Washington DC to present deliverables of existing demand response measurement and verification protocols and a list of 41 possible topics and subtopics for NAESB model business practices. The task force reviewed all 41 possibilities, deciding whether to draft MBPs and which ones can be grouped together.
- **September 14, 2007:** The results of the meeting including possible standards text were sent out for comment including notes, considerations and possible standards text. Comments were requested on each of the nine standards development areas including whether the remarks were directed to wholesale or retail markets, pre program evaluation or post implementation evaluation, or to DSM or EE projects.
- **September 25, 2007:** A DSM-EE meeting was held in Austin, Texas hosted by ERCOT. The purpose of the meeting was to review the comments, determine the level of progress made towards the task list and determine is adjustments to the task, focus or schedule were needed. When reviewing the comments it was determined to focus in five areas specific to demand response programs, and develop business practice standards that would prove helpful – (1) DR programs administered by ISOs and RTOS in the wholesale markets, (2) DR programs administered by utilities in wholesale markets, (3) DR programs administered by utilities in the retail markets, (4) a glossary to support the DR programs, and (5) a preamble to put the business practice standards in context. To focus on the DR programs, each of the three areas outlined will develop a matrix that describes the aspects of the DR programs in effect today, planned, or has been in effect in the past.
- **November 6, 2007:** Several of the NAESB leadership met with Commissioners Kerr and Ervin of NC to gain further understanding of expectations for DSM-EE NAESB activity for electricity for the retail markets.
- **November 11, 2007**: NAESB participated in a panel on DSM-EE at the NARUC Annual Meeting in Anaheim.
- **November 30, 2007:** Meeting hosted by Dominion in Richmond. During the meeting, each of the five groups described the progress made and plans to date. Drafts of the three matrices were reviewed, as was a draft glossary and outline for the preamble. It is possible that the two wholesale matrices will be combined, as The calendar for 2008 was also set. The next meeting is scheduled for January 23 in Baltimore hosted by BGE.
- **December 3, 2007:** A meeting was held with Commissioner Mason of Ohio to gain further understanding of expectations for DSM-EE NAESB activity for natural gas for the retail markets.
- **January 23, 2008:** The group met in Baltimore to review progress on the two matrices, the preamble and the glossary. The wholesale matrix for DR programs administered by ISOs and RTOs was reviewed. Data is being placed in five separate categories -Initial Testing and Auditing, Ongoing Testing and Auditing, Triggering; Construction, Statistical Analysis, Performance and

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB DSM-EE ACTIVITY SUMMARY
SEPTEMBER 3, 2008

Baselines. The matrix for retail DR programs is lagging but several companies have provided or agreed to provide data – including BGE, Dominion, ConEd, Alabama Power and ComVerge. Procedures for how to collect the data was discussed with both interviews online and distributed surveys discussed. Both the preamble and glossary while first drafts are available are dependent on the work of the matrices and cannot be further developed until after more progress has been made on the matrices.

- **March 28, 2008:** The group met in Houston to review progress on the two matrices. The wholesale matrix for DR programs administered by ISOs and RTOs was reviewed. The matrix had expanded significantly to provide for more comparability for responses. 45 DR programs have been identified and the data is now being verified. A template for the type of standards to be expected from this effort was reviewed. The retail matrix now has additional data and several interviews were conducted online, with the conclusion that it is the preferred way to gather data. The retail group is to set up a face-to-face meeting in May to review the matrix and make changes before sending it out to utilities for interviews.
- **May 30, 2008** – The group met in Holyoke to continue review progress on the two matrices. The wholesale matrix for DR programs administered by ISOs and RTOs was reviewed. The matrix had expanded significantly to provide for more comparability for responses. With the 45 DR programs identified, the group is now consolidating the data to higher levels from the more specific items collected. With the consolidation, the business practices should be drafted. The outline for the business practices has been prepared. The retail matrix now has contributions from 11 DR programs and the matrix structure is being validated against flow charts of the programs. Once the matrix structure is validated, online interviews will be held. It was determined to concentrate on dispatchable DR programs first.
- **July 30, 2008** –The group met in Carmel, Indiana hosted by ACES Power to review the progress made in the two efforts. With the 45 DR programs identified, the wholesale group has consolidated the data to higher levels and draft language is being developed around four product types, energy, capacity, regulation and reserves which incorporate information from various ISO/RTOs, as well as other entities. For the retail effort, the group is relying on work from AEIC regarding process flow and applying that flow to DR programs in place. From the flows, draft standards are being prepared. Once the draft standards are prepared, efforts will being to collect through interviews information from other utilities, geographically diverse and administering programs different from those already documented. Through the interviews it is expected that we would validate both the matrix and the draft standards. The retail group is initially focusing on dispatchable DR programs. Coordination is also underway with NERC on the development of a DR survey and with the AEIC. Work will soon begin with both groups to include the glossary and the preamble text.
- **Planned, October 3, 2008** – Planned meeting hosted by ERCOT in Austin.
- **Planned, December 2, 2008** – Planned meeting hosted by Alabama Power in Birmingham.

THE FOLLOWING INCLUDES:

- WHOLESALE WORK PLAN AND MATRIX 2
- WHOLESALE DRAFT OUTLINE FOR BUSINESS PRACTICES 15
- RETAIL MATRIX 21

LINKS ON THE NAESB WEB SITE:

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE PLAN

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE PLAN

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE PLAN

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

North American Energy Standards Board

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

WHOLESALE MATRIX

Instructions for Characteristics of DR Programs

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

Instructions for Characteristics of DR Programs

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX

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

North American Energy Standards Board

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

WHOLESALE MATRIX

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

North American Energy Standards Board

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

WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

DISCLAIMER

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

CONTACT INFORMATION:

ERIC WINKLER, PH.D.

ISO NEW ENGLAND

413-540-4513

EWINKLER@ISO-NE.COM

North American Energy Standards Board

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

WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

BUSINESS PRACTICES FOR WHOLESALE ELECTRICITY DEMAND RESPONSE

Introduction
Definition of Terms
Business Practice Requirements: Regulation Services

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability

Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

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

INITIAL QUALIFICATION / TESTING / AUDITING

Reduction Deadline Standard:
Time at which the requested level of response is completely "off the system" (in minutes)
Aggregation Allowed Standard:
Indication of if composite / aggregate assets are allowed.

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.
Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.
Accuracy:
Precision of the Demand Measurement (or also of the On-Site Generator Output)
Reporting Interval:
The time between signals [in seconds]
Other Measurements:
If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.
Communication Protocol:
The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:
Yes or No
Meter Accuracy:
Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT
Clock / Time Accuracy:
Accuracy of the time measurement (if any) associated with the Meter Read time.
Details of Meter/Equipment Standards
Listing of any meter or equipment standards

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Meter Data Reporting Deadline:
How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.

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

Validating, Editing & Estimating (VEE) Method:
An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.

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

PERFORMANCE / BASELINE

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

Business Practice Requirements: Reserves Services

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability
Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

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

INITIAL QUALIFICATION / TESTING / AUDITING

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

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

TELEMETRY

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

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

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

Reporting Interval:
The time between signals [in seconds]

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

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

WHOLESALE MATRIX DRAFT PROPOSED STANDARDS OUTLINE

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:
Yes or No
Meter Accuracy:
Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT
Clock / Time Accuracy:
Accuracy of the time measurement (if any) associated with the Meter Read time.
Details of Meter/Equipment Standards
Listing of any meter or equipment standards
Meter Data Reporting Deadline:
How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.
Granularity:
The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = "within 24 hours", the Granularity might be "1 hour".
Validating, Editing & Estimating (VEE) Method:
An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.
Rules for Statistical Sampling:
If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

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

Business Practice Requirements: Energy Products

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability
Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

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

INITIAL QUALIFICATION / TESTING / AUDITING

Reduction Deadline Standard:
Time at which the requested level of response is completely "off the system" (in minutes)
Aggregation Allowed Standard:
Indication of if composite / aggregate assets are allowed.

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.
Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.
Accuracy:
Precision of the Demand Measurement (or also of the On-Site Generator Output)

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

Reporting Interval:
The time between signals [in seconds]
Other Measurements:
If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.
Communication Protocol:
The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:
Yes or No
Meter Accuracy:
Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT
Clock / Time Accuracy:
Accuracy of the time measurement (if any) associated with the Meter Read time.
Details of Meter/Equipment Standards
Listing of any meter or equipment standards
Meter Data Reporting Deadline:
How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.
Granularity:
The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = “within 24 hours”, the Granularity might be “1 hour”.
Validating, Editing & Estimating (VEE) Method:
An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.
Rules for Statistical Sampling:
If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

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

Business Practice Requirements: Capacity Products

PROVISIONS OF MEASUREMENT AND VERIFICATION STANDARDS

Applicability
Purpose

WHOLESALE MARKET DEMAND RESPONSE PRODUCTS

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

INITIAL QUALIFICATION / TESTING / AUDITING

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

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

TELEMETRY

Real-Time Demand Measurement Required:
Measurement of the real-time demand for each Resource required: Yes / No.
Real-Time On-Site Generation Measurement:
If on-site generation is present; is metering required? Yes / No.
Accuracy:
Precision of the Demand Measurement (or also of the On-Site Generator Output)
Reporting Interval:
The time between signals [in seconds]
Other Measurements:
If other variables are measured, a list should be provided here. Example include: quality flags, breaker status, response amount, etc.
Communication Protocol:
The IT protocol used to collect the data, such ICCP or any other named system. If a non-standard system is used, description should include a brief overview of the transport, i.e. Internet, Dedicated Network, Wireless, FM, etc.

AFTER-THE-FACT MEASUREMENTS

On-Site Generation Meter Required:
Yes or No
Meter Accuracy:
Accuracy of the Meter Reading (or also of the On-Site Generator Output) and is the net accuracy, i.e. includes PT & CT
Clock / Time Accuracy:
Accuracy of the time measurement (if any) associated with the Meter Read time.
Details of Meter/Equipment Standards
Listing of any meter or equipment standards
Meter Data Reporting Deadline:
How often is the meter reading data sent to the ISO/RTO related to demand response reporting. May be absolute or relative to Event period. Also, those entries marked "Daily" or "Monthly" happens regardless of the existence of an Event.
Granularity:
The level of detail in the reported data. For example, if the Meter Data Reporting Deadline = “within 24 hours”, the Granularity might be “1 hour”.
Validating, Editing & Estimating (VEE) Method:
An indication of how missing data are managed, for example, Skipped, Estimated & Flagged, etc.
Rules for Statistical Sampling:
If statistical sampling is allowed, a brief summary of the rules associated with the estimates, for example, minimum percentage of physical measurements.

PERFORMANCE / BASELINE

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

RETAIL MATRIX

How to use this Matrix:

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

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

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

RETAIL MATRIX

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

RETAIL MATRIX

Column Header	Objective	Frequency	Description
Regulatory and market context	*This would be helpful to identify the different regulatory contexts under which programs operate.*	N/A	Context under which the service or program is being offered.

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

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

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

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

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

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

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

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting- frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	Regulatory and market context
	Trigger Events	The program is triggered by weather conditions determined by PSE resource planners.			notification window (2 pm to 6 pm). Following each event, EnerNOC reports to PSE the five minute interval kW data files (for each site) covering the (10 business day) baseline calculation period, through to the end of the event day. PSE separately maintains its own 15 minute utility meter data files for evaluation purposes.					
Price and Capacity Program	Submitter	ConEd, Elena Futoryan, 212-460-2228, futoryane@coned.com		This is not a pilot. A revenue grade interval meter with phone lines is required. For customers -- 50 KW reduction, and for load aggregators -- 100 KW reduction, for 4 consecutive hours. Audit is required for the mandatory program. The rider has been approved. In 2007, the maximum was 6 hours per capability period. Any participation over 6 events or 4 hours is considered voluntary. May 1 to October 31 is the summer capability period for	The customers are billed on the data. The meters are 15 minute interval meters. The data is 15-minute interval data, and the baseload level should be met every hour - so the data is rolled up to hourly. The data is collected after an event is called. The data is stored in a time stamp meter.	Revenue grade interval meters must be used with appropriate telephone lines. Precision levels should be available.	Performance is calculated based on NYISO methodology for capacity and energy payments.	not applicable	The program is capped at 400 MW. The reservation payment is based on a two tier system.	NY PSC
	Status	In effect today								
	Product type									
	Category									
	Program or Product Name	Reservation Payment Program								

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

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

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

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

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB RETAIL MATRIX AS OF MAY 16, 2008

Specifics of the DR Program Being Described			M&V Aspects of the DR Programs						
Class of DR Resources			Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	Regulatory and market context
	Product type			program. PROVIDED FOR INFORMATION ONLY - BGE BELIEVES THIS FUNCTION IS IMPACT EVALUATION	EVALUATION	difference between these two (2) load shapes forms the average impacts. PJM requires average impacts for each hour between noon and 8 p.m. The non-event profile is comprised of the hottest days of the summer. PROVIDED FOR INFORMATION ONLY - BGE BELIEVES THAT THIS FUNCTION IS IMPACT EVALUATION			
	Category								
	Program or Product Name	BGE's Residential Water Heater Control Program (Rider 6)							
	Trigger Events	BGE can activate switches up to 15 times per year for reliability or economic reasons.							
Capacity	Submitt er	BGE, Mary Straub, 410-470-1416, mary.m.straub@bge.com		Customers interval meter data is captured on weekly basis. This hourly data is stored and facilitates the M&V analysis.	The Participant must have Company-approved interval metering and communications equipment to participate in this Rider.	If the customer is participating by using a metered generator then the generator data forms the basis of the incentive. If the customer is participating by reducing load, then a Customer Baseline Load (CBL) will be developed. In			BGE Rider. Settlements are made with PJM.
	Status	In effect Today							
	Product type	PJM Load Response program							
	Category	Voluntary (Capacity & Energy)							

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008

Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting-frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	Regulatory and market context
	Program or Product Name	BGE's Load Response Program (Rider 24)								
	Trigger Events	Commercial Customer notifies BGE when they plan on initiating a load response event.								
Capacity	Submitt er	BGE, Ruth Kiselewich, 410-470-1361, ruth.c.kiselewich @bge.com		BGE tests a sample of switches periodically. Switch operability studies must be conducted every 5 years, according to PJM, Manual 19: Load Data Systems.	In addition to the periodic sampling of switch operability, BGE conducts Load Research Studies to estimate the average impact for each participant in the program. PROVIDED FOR INFORMATION ONLY - BGE BELIEVES THAT THIS FUNCTION IS IMPACT EVALUATION	For its Load Research Studies, BGE uses ANSI certified meters that have been approved by the PSC for load recording. PROVIDED FOR INFORMATION ONLY - BGE BELIEVES THAT THIS FUNCTION IS IMPACT EVALUATION	For the development of average impacts for air conditioning, BGE compares non-event days to event days using regression analysis. The model estimates the average impact provided a particular weather conditions. PJM requires average impacts for each hour between noon and 8 p.m.PROVIDED	Load data are obtained from meters that were installed on 100 customers' air conditioner units. This stratified sample design provides a confidence of 90% ± 10% accuracy. PROVIDED FOR INFORMATION ONLY - BGE BELIEVES THAT THIS FUNCTION IS IMPACT EVALUATION		
	Status	In effect Today								
	Product type									
	Category									
	Program or Product Name	BGE's Residential Air Conditioner Control Program (Rider 5)								

North American Energy Standards Board

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

NAESB RETAIL MATRIX AS OF MAY 16, 2008										
Specifics of the DR Program Being Described				M&V Aspects of the DR Programs						
Class of DR Resources				Qualification/ testing/ auditing	Data reporting- frequency and monitoring	Meter and equipment standards	Performance/ baseline	Statistical sampling of non-interval metered loads	Deployment Limitations	Regulatory and market context
	Trigger Events	There is no limit to the number of times BGE can activate switches for reliability or ecomic reasons.					FOR INFORMATION ONLY - BGE BELIEVES THAT THSI FUNCTION IS IMPACT EVALUATION			

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

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

Real Time Pricing

Demand Charges

Peak Time Rebates

Planning Peak Alerts

Interruptible/Curtailable Management Rates

Thermal Storage/Energy Storage

Standby Generation Rates (emergency generators and distributed generators)

Smart Appliances

Ancillary Programs

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB UPDATE: VERSION 2 -- RETAIL
SEPTEMBER 3, 2008

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*)

2008:

- **Recommendation for 2007 WGQ Annual Plan Item 4 and Retail 2007 Annual Plan Item 6** - Prepare a joint analysis for AS2 and AS3 protocols as compared to the NAESB IET: http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_wgq_2007_ap_i4_retail_2007_ap_i6_rec.doc – Ratified February 8, 2008
- **Recommendation for 2007 Retail Annual Plan Item 3a(iii)** - Account Information Change: http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_2007_retail_ap3aiii_rec.doc – Ratified February 8, 2008

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB UPDATE: VERSION 2 -- RETAIL
SEPTEMBER 3, 2008

- **Recommendation for 2007 Retail Annual Plan Item 5** - Customer Information: http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_2007_retail_ap5_rec.doc – Ratified February 8, 2008
- **Recommendation for 2007 Retail Annual Plan Item 5** - Customer Information (Information Requirements and Technical Electronic Implementation Model Business Practices): http://www.naesb.org/doc_view2.asp?doc=retail_rat010808_2007_retail_ap5_ir_teis_rec.doc – Ratified February 8, 2008
- R05016A Final Action - Standards or model business practices for electronic retail billing transactions and bill payment transactions between customers, suppliers, and utilities - Ratified June 22, 2008.
- 2008 Retail Annual Plan Item 3(i), (ii), (iii) Final Action - Customer Enrollment, Drop and Account Information Change Using a Registration Agent - Ratified June 22, 2008.
  - 2008 Retail Annual Plan Item 3(i), (ii), (iii) Final Action - Attachment - Ratified June 22, 2008.
- 2**007 WGQ Annual Plan Item 3/2007 Retail Annual Plan Item 9 Final Action** - Develop or amend WGQ technical standards, as appropriate, to address the DOE Sandia National Laboratories 2006 surety assessment findings and recommendations (WGQ)/Address issues raised in the Department of Energy's Sandia National Laboratories on NAESB technical standards and respond to the surety assessment finding and recommendations (REQ/RGQ) http://www.naesb.org/member_login_check.asp?doc=fa_2007_wgq_ap_3_2007_retail_ap_9.doc - Ratified July 11, 2008.
- **2008 Retail Annual Plan Item 2a** -- Customer Enrollment, Drop and Account Information Change including Using a Registration Agent (Technical X12 Implementation Guidelines), http://www.naesb.org/pdf3/2008_retail_api_2a_rec.doc – Action pending by the Retail ECs, comments were due August 22.

TIMELINE:

- Version 2.0 publication date was originally scheduled for yearend 2007, but has now been scheduled for late 2008 or 1st quarter 2009 to permit the registration model and the Sandia enhancements to be reflected in the documents.
- To back into this date – all standards should be ratified by date of publication, and EC actions should be taken one month prior, to publication, all subcommittee actions should be taken three months prior to publication.

Month - 4	Subcommittee Recommendations Completed and sent out for comment
Month - 3	EC Actions taken
Month - 2	Ratifications sent out and completes, minor corrections applied
Month - 1	Review of draft publication
Month - 0	Date of Publication.

North American Energy Standards Board

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

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WGQ Annual Plan Adopted by the NAESB Board of Directors on March 27, 2008 with Revisions Suggested by the Wholesale Gas Quadrant Executive Committee on June 25 and July 14, 2008

	Item Description	Completion[1]	Assignment[2]
Damage Reporting for Natural Gas Pipeline Facilities			
1	Review and develop standards as appropriate to support posting of information as noted in Docket No. RM06-18-000, Order No. 682 and Docket No. RM06-18-001, Order No. 682-A. Review transmission line damage reporting to identify commonality and apply as appropriate. Status: Not Started.	4th Q 2008	BPS
Electronic Delivery Mechanisms and Related Activities			
2	Develop or amend WGQ technical standards, as appropriate, to address to the DoE Sandia National Laboratories 2006 surety assessment findings and recommendations. Status: Underway.	1st Q, 2008	BPS/EDM
Contracts Activities			
3	Update ISDA Gas Annex to correspond to the updated NAESB Base Contract for Sale and Purchase of Sale of Natural Gas, dated September 5, 2006. Status: Underway.	1st Q, 2008	Contracts
Gas-Electric Interdependency			
4	Respond to directives of FERC Order No. 698 issued 6-25-07, Docket Nos. RM05-5-001 and RM96-1-027 as related to the NAESB reports submitted in Docket No. RM05-28-000:		
	a. ¶ 56 of Order No. 698: "… Under the Commission regulations, the releasing shipper is responsible for clearly setting out the terms and conditions of the release and that would include the means for implementing the formula rate. This is also an issue on which NAESB can develop standards to ensure that such releases can be processed quickly and efficiently." (emphasis added)		
	i.) Develop business practice standards to address the threshold questions of ¶ 56 of Order No. 698: Status: Underway.	2nd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: In Progress.	TBD	BPS, IR/Tech
	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)		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WGQ Annual Plan Adopted by the NAESB Board of Directors on March 27, 2008 with Revisions Suggested by the Wholesale Gas Quadrant Executive Committee on June 25 and July 14, 2008

	Item Description	Completion[1]	Assignment[2]
	i.) Develop business practice standards to address the threshold questions of ¶ 63 of Order No. 698: Status: Completed.	2nd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Completed	TBD	BPS, IR/Tech
	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: Completed.	3rd Q, 2008	BPS
	ii.) Prepare fully staffed recommendation Status: Completed.	TBD	BPS
Capacity Release			
5	Review capacity release transactions upload and related responses to determine suitability for EDI. Status: Not started, action pending submittal of request and process for request assignment.	3rd Q, 2008	BPS
Review and develop business practices standards to support e-Tariff program			
6	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Complete.	1st Q, 2008	Joint WEQ/WGQ e-Tariff
Customer Security Administration			
7	Review and develop standards as appropriate to support Customer Security Administration Standards (Comment Submittal, 10-29-07) Status: Not started, action pending submittal of request and process for request assignment.	TBD	TBD

North American Energy Standards Board

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

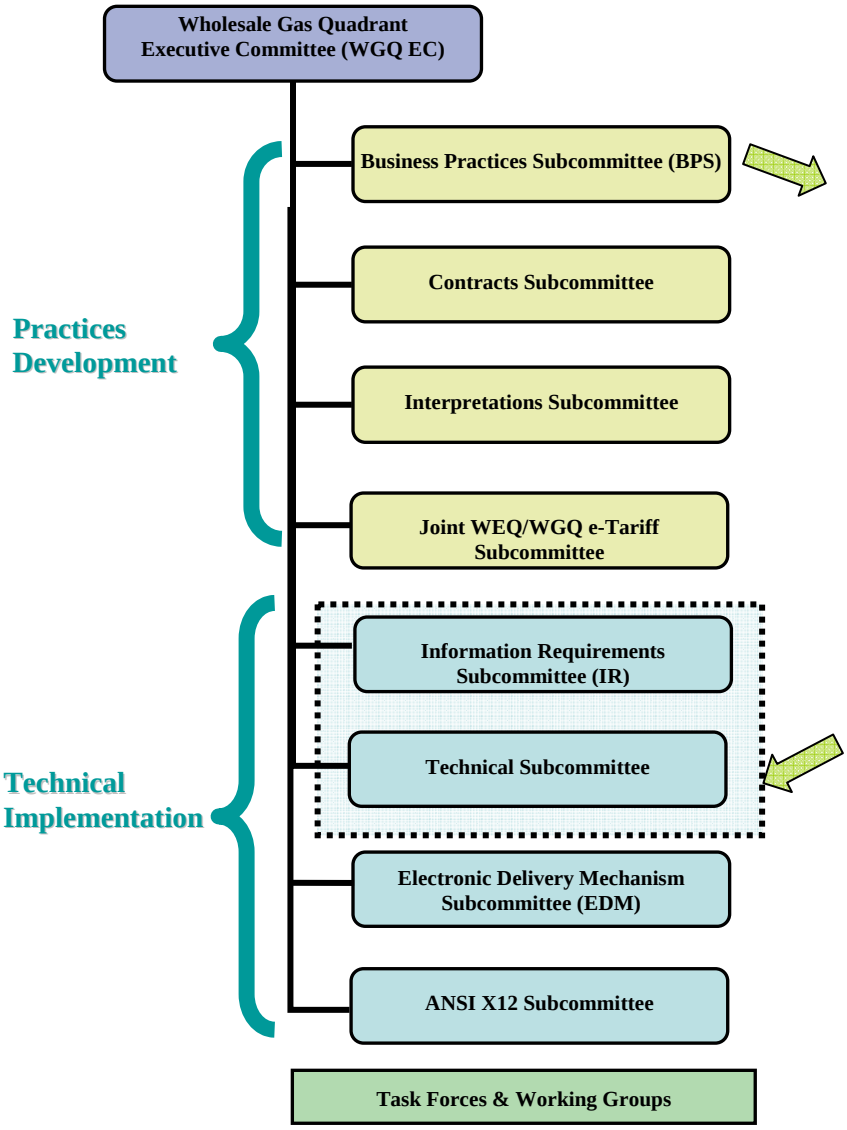
NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WGQ Annual Plan Adopted by the NAESB Board of Directors on March 27, 2008 with Revisions Suggested by the Wholesale Gas Quadrant Executive Committee on June 25 and July 14, 2008

	Item Description	Completion[1]	Assignment[2]
Gas Quality Reporting			
8	Respond to directives of FERC Docket No. RP07-504-000: ¶ 10 "… develop a uniform set of standards regarding the posting of rapidly changing gas quality information applicable to those pipelines which are required by their tariffs to do so." (Docket No. RP07-504-000) Status: Not started	4th Q, 2008	BPS
Promotion of a More Efficient Capacity Release Market			
9	Review FERC Order No. 712 and modify NAESB standards (Docket No. RM08-1-000) Status: Underway.	1st Q, 2009	BPS
Program of Standards Maintenance & Fully Staffed Standards Work			
	Business Practice Requests	Ongoing	Assigned by the EC[3]
	Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	ANSI X12 Subcommittee
	Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC[4]
	Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC[4]
	Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC[4]
Provisional Activities			
	Respond to requests as received that are related to Docket No. AD06-11-000 (Market Transparency Reporting).		

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org



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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

End Notes WGQ 2008 Annual Plan:

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

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

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

North American Energy Standards Board

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

NORTH AMERICAN ENERGY STANDARDS BOARD
2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS
Adopted by the NAESB Board of Directors on December 13, 2007 with changes as proposed by the Retail Executive Committees on May 14, 2008

	Item Number & Description[1]	Completion[2]	Assignment[3]
1	Electronic Retail Billing.		
	Develop Technical Electronic Implementation Standards – Electronic Retail Billing	3rd Q 2008	TEIS
	Status: Underway		
2	Customer Enrollment, Drop and Account Information Change including Using a Registration Agent		
	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.	4th Q, 2008	IR
	Status: Underway		
	b. Develop Technical Electronic Implementation Standards – Customer Enrollment, Drop and Account Information Change,	4th 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: Completed		
	ii) Customer Drop	1st Q 2008	Texas Task Force/ BPS
	Status: Completed		
	iii) Account Information Change	1st Q 2008	Texas Task Force/ BPS
	Status: Completed		
	iv) ESI ID Setup	4th Q 2008	Texas Task Force/ BPS
	Status: Not Started		
	v) ESI ID Change	4th 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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD
2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS
Adopted by the NAESB Board of Directors on December 13, 2007 with changes as proposed by the Retail Executive Committees on May 14, 2008

	Item Number & Description[1]	Completion[2]	Assignment[3]
	Status: Not Started. Delayed to 2008 for completion because the registration agent model is separate from customer enrollments.		
6	Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program.	2009	TEIS
	Status: Not Started. Dependent upon publication of Version 1.1 at a minimum, but more dependent upon completion of Customer Choice efforts.		
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.	1st Q 2008	TEIS
	Status: Completed		
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.	2008	Joint WEQ/Retail DSM Subcommittee
	Status: Underway		
	a. Develop matrix and business practice standards for measurement and verification for demand response programs in ISO/RTO footprint areas.	3rd Q, 2008	Joint WEQ/Retail DSM Subcommittee
	Status: Underway		
	b. Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas.	3rd Q, 2008	Joint WEQ/Retail DSM Subcommittee
	Status: Underway		
	c. Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs.	4th Q, 2008	Joint WEQ/Retail DSM Subcommittee
	Status: Underway		
	d. Develop glossary for business practice standards	4th Q, 2008	Joint WEQ/Retail DSM Subcommittee
	Status: Underway		
	e. Support retail development of matrix and model business practice standards for measurement and verification for demand response programs	4th Q, 2008	Joint WEQ/Retail DSM Subcommittee
	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.	Phase 2	Joint WEQ/Retail DSM Subcommittee
	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.	Phase 2	Joint WEQ/Retail DSM Subcommittee

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD
2008 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS
Adopted by the NAESB Board of Directors on December 13, 2007 with changes as proposed by the Retail Executive Committees on May 14, 2008

	Item Number & Description[1]	Completion[2]	Assignment[3]
	Status: Not Started.		
h.	Develop business practice standards to support cap and trade programs for green house gas. Status: Not Started.	Phase 2	Joint WEQ/Retail DSM Subcommittee

Program of Standards Maintenance & Fully Staffed Standards Work[4]

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

Provisional Activities

Joint Effort:

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

Modify TPA as necessary.

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

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

Retail Electric Quadrant Effort Only:

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

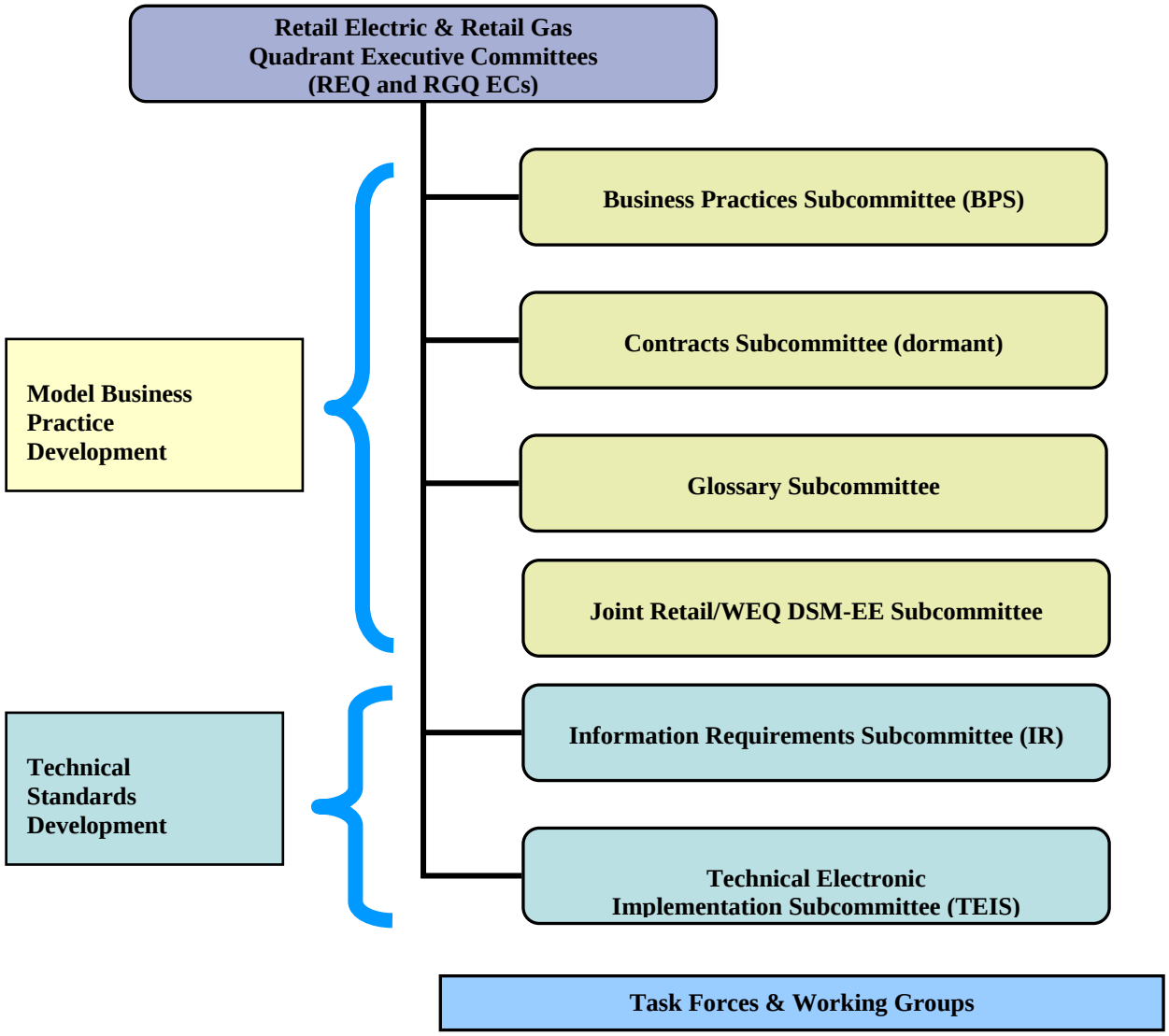
Settlement Process: Reconcile energy schedules and energy delivered by suppliers within a given market. Note: will need to be coordinated with the WEQ for the REQ.

Retail Gas Quadrant Effort Only:

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

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

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org



NAESB Retail Subcommittee Leadership: [5]

Executive Committee: Mike Novak, Chair (RGQ), Ruth Kiselewich, Chair (REQ)
Business Practices Subcommittee: Phil Precht (RGQ), Mary Edwards and Dan Jones (REQ)
Information Requirements Subcommittee: Jennifer Teel (REQ)
Technical Electronic Implementation Subcommittee: Dan Rothfuss (RGQ)
Glossary Subcommittee: Don Sytsma (RGQ), Mary Edwards and Patrick Eynon (REQ)
DSM-EE Subcommittee: Ruth Kiselewich, David Koogler (REQ), Roy True (WEQ), Paul Wattles (WEQ)

North American Energy Standards Board

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

End Notes Retail Plan:

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

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

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

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

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

North American Energy Standards Board

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

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	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 2 changes to business practices as requested.		
i)	Make changes to business practices as related to inclusion of the NERC Reliability Functional Model functional model entities as NERC undertakes the same efforts. Status: No requests.	As requested	BPS
ii)	Continuous support of TLR Procedure in alignment with NERC efforts on TLR Phase II and Phase III which would be included in version 2 development.[3] Status: Ongoing as NERC makes changes.	Ongoing	BPS[4]
b)	Develop business practices to support Coordinate Interchange – R05020 "Include a guideline for rounding schedules with partial mWh's in the coordinate interchange business practice WEQ BPS-002-000" Status: Underway.	2008	JISWG
c)	Operate Within Limits (R03017) as coordinated with the NERC schedule on the same development for reliability standards		
i)	Review the need to develop business practice standards to support Operate Within Limits (R03017) Status: Completed.	1st Q, 2008	SRS
ii)	Develop business practice standards to support Operate Within Limits (R03017) Status: Completed. No standards are needed at this time.	2nd Q, 2008	BPS
d)	Prepare recommendations for future path for TLR in concert with NERC, which may include alternative congestion management procedures[5] Status: Underway.	2009	BPS[6]
e)	Conduct analysis as to whether standards can be developed which outline a standardized process for the coordination and execution of emergency energy schedules. These would be complementary standards to EOP-002-2 Requirements R4 and R6 (SRS Analysis of EOP-002-2 R4 & R6) Status:Not Started	TBD	JISWG

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
f)	Review Market System Back-Up existing language and review of existing back-up language Status: In Progress	4th Q, 2008	SRS
g)	Provide complementary business practice standards to support Coordinate Operations Standards Authorization Request assigned to NERC (R03014) Status: Not Started. This request may be more of a clean-up in nature as it appears it is not needed but the requisite documentation has not been completed.	TBD	SRS
2	**Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)**		
a)	Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Such business practice standards would be based on recommendations from NERC's Long Term ATC/AFC Task Force and would involve revised procedures for the ATC calculation and/or revised protocols as determined by the final order. Status: Underway using joint standards development process with NERC. Request R050004 was expanded to include the Order No. 890 (Docket Nos. RM05-25-000 and RM05-17-000) and Order No. 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002), "Preventing Undue Discrimination and Preference in Transmission Services", issued April 11, 2007).		
i)	Group 1: Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority		
1.	Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority S&CP Requirements Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	4th Q, 2007	ESS/ITS
2.	Conditional Firm Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	3rd Q, 2008	ESS/ITS
3.	Annotations For ATC Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	BPS, ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
4.	Load Forecast And Actual Load Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	BPS, ESS/ITS
5.	Re-Bid Of Partial Service Business Practice Standards on a Single Transmission Provider's System associated with S&CP Requirements completed in 2(a)(i)(1) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	ESS/ITS
6.	Preconfirmation Priority Business Practice Standards associated with S&CP Requirements completed in 2(a)(i)(1) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	ESS/ITS
7.	OASIS Exemptions Appendix Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	4th Q, 2007	ESS/ITS
ii)	Group 2: Metrics; Redispatch Cost Posting		
1.	Metrics Related to Provision of Transmission Service (Paragraph 413 of Order 890) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	ESS/ITS
2.	Metrics Related to Performance of Transmission Studies (Paragraphs 1308 through 1317 of Order 890 Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
3.	Redispatch Cost Posting • Monthly average cost of redispatch • A high and low redispatch for the month Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	ESS/ITS
iii)	Group 3: Network Service On OASIS		
1.	Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource Status: Underway.	1st Q, 2009	ESS/ITS
2.	Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests Status: Underway.	1st Q, 2009	ESS/ITS
3.	Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway.	1st Q, 2009	ESS/ITS
4.	Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway.	1st Q, 2009	ESS/ITS
5.	Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway.	1st Q, 2009	ESS/ITS
6.	Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway.	1st Q, 2009	ESS/ITS
7.	Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway.	1st Q, 2009	ESS/ITS
8.	Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway.	1st Q, 2009	ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
iv)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
1.	Pre-Emption	2nd Q, 2009	ESS/ITS
	Status: Not Started.		
2.	Request No. R05019	2nd Q, 2009	ESS/ITS
	Status: Not Started.		
3.	Revisions to Standard 9.7	3rd Q, 2008	ESS/ITS
	Status: Underway. This item also addresses work in 2006 WEQ AP 3a(x).		
4.	Posting of Existing Transmission Commitments (ETC) (moved from Group 1)	2nd Q, 2008	BPS, ESS/ITS
	Status: Completed. (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.) To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.		
v)	Group 5: Paragraph 1377		
1.	Paragraph 1377	2nd Q, 2009	ESS/ITS
	Status: Not Started.		
2.	Re-Bid Of Partial Service across Multiple Transmission Providers' Systems	2nd Q, 2009	ESS/ITS
	Status: Not Started		
vi)	Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
1.	Paragraph 1390 of Order 890	2nd Q, 2009	ESS/ITS
	Status: Not Started.		
2.	Paragraphs 1627 of Order 890	2nd Q, 2009	ESS/ITS
	Status: Not Started.		
3.	Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.	2nd Q, 2009	ESS/ITS
	Status: Not Started		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

Item Description	Completion[1]	Assignment[2]
4. Posting of **Existing Transmission Commitments (ETC)** (moved from Group 1) Status: Completed. (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.) To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2nd Q, 2008	ESS/ITS
vii) Group 7: Tagging for Conditional Firm Service		
1. Tagging for Conditional Firm Service Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2nd Q, 2008	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts.[7]		
i) Develop standards to support existing Request No. R05004. Status: Underway.	4th Q, 2008	BPS, ESS/ITS
1. The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 where the allocation of flowgate capability based on historical Network Native Load impacts the evaluation of transmission service requests, requiring the posting of those allocation values in conjunction with queries of service offerings on OASIS Status: Not Started	4th Q, 2008	ESS/ITS
2. Remaining requirements documented in R05004 and R05004A. Status: Completed	3rd Q, 2008	BPS, ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
ii)	Develop Business Practice Standards for Existing Transmission Commitments (ETC)		
1.	Develop the Business Practice Standards complementary to NERC Reliability Standards for Existing Transmission Commitments (ETC**)** to create a "consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses", including the elements of ETC for full implementation of the NERC MOD-001 reliability standard. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed. (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.) To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2nd 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: Completed (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.) To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	June 1, 2008	BPS, ESS/ITS
iii)	**Capacity Benefit Margin (CBM) Business Practices**		
1.	Determine if business practice standards are needed, and if so, develop them to set forth "how the CBM value shall be determined, allocated across transmission paths, and used" and how transmission providers will "reflect the set-aside of transfer capability as CBM in the development of the rate for point-to-point transmission service." The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed, (The NAESB subcommittees have determined the CBM requirements have been documented in the NERC MOD-004 to address this item, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	3rd Q 2008	BPS, ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

Item Description	Completion[1]	Assignment[2]
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: Completed. (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	3rd Q 2008	BPS, ESS/ITS
3. Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed. (The NAESB subcommittees have determined no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	3rd Q 2008	BPS, ESS/ITS
iv) **Transmission Reliability Margin Business Practices:**		
1. Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed (The NAESB subcommittees have determined TRM requirements have been documented in previously submitted recommendations, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	April 8, 2008	BPS, ESS/ITS
2. The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development Status: Completed. (The NAESB subcommittees have determined TRM requirements have been documented in previously submitted recommendations, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	April 8, 2008	BPS, ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

Item Description	Completion[1]	Assignment[2]
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: Completed. (The NAESB subcommittees have determined TRM requirements have been documented in previously submitted recommendations, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	April 8, 2008	BPS, ESS/ITS
v) Business Practice Standards for ATC and AFC Calculation Methodologies to complement the NERC reliability standards created for ATC and AFC Methodologies (NERC MOD001 (Available Transfer Capability); NERC MOD028 (Network Response Available Transfer Capability); NERC MOD029 (Rated System Path Available Transfer Capability); and NERC MOD030 (Flowgate Network Response Available Transfer Capability)):		
1. Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed. (The subcommittee determined no additional standards are required from what is already documented in the "ATC Information Link (2008 Annual Plan 2.b.vii)" recommendation and what is required for ATC postings under the previously ratified recommendation "Modifications to WEQ-001 to comply with modifications to 18 C.F.R. 37.6 and 37.7 within Order 890 with Minor Corrections applied on February 27, 2008". Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	April 23, 2008	BPS/ESS/ITS
2. Business practice standards for data exchange for ATC modeling complementary to the related NERC reliability standards including any OASIS posting requirements to achieve the data exchange. The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development. Status: Completed. (The NAESB subcommittees have determined the data exchange requirements have already been documented in the NERC standards, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.)	1st Q, 2008	BPS/ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
	3. Business practice standards that will set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC values on a constrained path." The standards will include a requirement that that the transmission provider posts the reason for the change in a narrative form. The posted information will include "the (1) specific events which gave rise to the change and (2) new values for ATC on that path (as opposed to all points on the network)." The business practices developed to address this item will not require to coordination with the NERC Order 890 reliability standards development. Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1 Q, 2008	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 Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	BPS/ESS/ITS
	5. Business practice standards for posting on OASIS of the "actual daily peak load for the prior day." The business practices developed to address this item will not require to coordination with the NERC Order 890 reliability standards development Status: Complete. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	BPS/ESS/ITS
vi)	Business practice standards to complement NERC reliability standards for Transfer Capability in response to new NERC Supplemental SAR: Revisions to Existing Standards MOD001-MOD009, FAC12-13 This item was added as a result of the Supplemental SAR NERC created in case additional business practices are needed as a result of the work on this SAR by NERC. It does not have a cite in Order 890. This item will require coordination with the NERC Order 890 reliability standards development. Status: Completed.	May 1, 2008	BPS, ESS/ITS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
vii)	Business practice standards to set forth the procedure for input on TTC and ATC methodologies and values. (During the Order 890 NERC and NAESB joint standards development effort, it was determined that the standards contained in MOD003 should be business practice standards instead of reliability standards. NERC has requested that NAESB adopt the standards as business practices via correspondence to Ms. McQuade, NAESB President.) This item will require coordination with the NERC Order 890 reliability standards development because the language to address this item is contained within a draft standards that addresses items that are dependent on NERC deliverables, i.e., the requirements to create an "ATC Information Link" on OASIS. There is no Order 890 cite for this item. Status: Completed. (Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if modifications to these standards are needed.) To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1st Q, 2008	BPS, ESS/ITS
c)	Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order. Status: Completed	3rd Q 2008	EC Task Force
3	**Develop business practices standards to improve the current operation of the wholesale electric market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling**		
a)	Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:		
i)	Develop OASIS S&CP changes to support OASIS business practices. Status: Dependent on development of OASIS business practices.	Ongoing	ESS/ITS
ii)	Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions (R04006E). (Related to AP 2(a)(iii)) Status: Underway.	2nd Q, 2008	ESS/ITS
iii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC (R04037, R06027). Status: Underway.		
1)	Work with the NAESB counsel to develop a confidentiality agreement (R07013)	4th Q 2008	JISWG
2)	Transition the TSIN Registry from NERC to NAESB.	4th Q 2008	JISWG

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

		Item Description	Completion[1]	Assignment[2]
	3)	Review and correct the Coordinate interchange Business Practice Standard as noted during the development of the e-Tag 1.8 development process.	4th Q 2008	JISWG
v)		Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019).	4th Q, 2008	ESS/ITS
		Status: Not Started		
vi)		Make incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS (R05026).		
		Status: Underway. Scoping statement completed by SRS and assignments made to BPS, ESS/ITS and JISWG.		
	1)	Represent ALL pre-Order 888 ("grandfathered") transmission and ancillary services in current use in OASIS	3rd Q, 2008	BPS, ESS/ITS
		Status: Completed		
	2)	Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted	2008 as determined	ESS/ITS
	3)	Initiate standard that requires ALL historical transmission service reservations to be available for review up to a number of years in the past.	2008 as determined	ESS/ITS
	4)	Initiate standard that eliminates the disparity of posting "sensitive" information. This standard should also include procedures of user certification that allows access to this class of information.	2008 as determined	JISWG
		Status: Underway.		
	5)	Enhance the TSR result postings to allow showing of (i) limiting transmission elements and (ii) available generation dispatch options that would allow acceptance of reservation request.	2008 as determined	ESS/ITS
	6)	Standardize the availability of TSR study result postings, eliminating practice of some Transmission Owners that charge for viewing these documents.	1st Q, 2008	ESS/ITS
		Status: Completed. This item was completed with Recommendation (2008 AP Item 2.a.i.5, 2008 AP Item 2.a.i.6, and 2008 AP Items 2.a.ii.1-3) WEQ-001 Changes for Rebid of Partial Service, Preconfirmation Priority, and Group 2: Metrics; Redispatch Cost Posting.		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

		Item Description	Completion[1]	Assignment[2]
	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
	iii)	Develop PKI Standards for e-tagging. Status: Underway. eTagging items are linked to the transition of the Registry from NERC to NAESB.	2008	JISWG
	iv)	Develop enhanced Electric Industry Registry (EIR), (R06027) Status: Underway. . The transition of the Registry from NERC to NAESB as part of this request should take place by yearend 2008.	2008	JISWG
c)		Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers. Status: Underway. Common code usage is linked to the transition of the Registry from NERC to NAESB.	2008	NAESB Staff with WEQ support
4		**Review and develop business practices standards to support e-Tariff program**		
		Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. (Docket No RM05-1-000) Status: Underway. Completed. To be published in Version 002, September 30, 2008.	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.		

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
a)	Develop matrix and business practice standards for measurement and verification for demand response programs in ISO/RTO footprint areas. Status: Underway.	3rd Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
b)	Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway.	3rd Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
c)	Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway.	4th Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
d)	Develop glossary for business practice standards Status: Underway.	4th Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
e)	Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway.	4th Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
f)	Develop business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard. Status: Not Started.	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
g)	Develop business practice standards to factor Demand Control and Energy Efficiency programs into reliability / supply decisions at the wholesale level for generation and transmission planning and operations. Status: Not Started.	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
h)	Develop business practice standards for cap and trade programs for green house gas Status: Not Started.	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
6	**Maintain existing body of Version 1 standards**		
a)	Review/revise WEQ 006 to remove/revise mandatory requirements for Interconnection Time Monitor (R07019) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2nd Q, 2008	BPS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
b)	Develop a NAESB time and inadvertent management business practice that provides additional inadvertent payback options and improved time control (R07020) Status: Underway.	2009	BPS
c)	Make consistency changes to Version 1.0 standards as directed by the WEQ Leadership Committee on December 12, 2007 (R08001 – BPS, ESS/ITS, R08002 - ESS/ITS, R08003 - ESS/ITS - BPS, R08004, R08005 - ESS/ITS)		
	1) OASIS Consistency Changes (R08001, R08002, R08003, R08005) Status: Not Started	2009	ESS/ITS
	2) Gas / Electric Communication Consistency Changes (R08004) Status: Not Started	TBD	BPS
d)	Modify WEQ-001 to reflect in the definition of certain ancillary services that such ancillary services may be provided by non-generation resources such as demand resources. (http://www.naesb.org/pdf3/weq_ec051308w2.doc) Status: Completed. To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	July 2008	BPS, ESS/ITS
e)	Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary, (http://www.naesb.org/pdf3/weq_ec051308w3.doc) Status: Underway.	4th Q, 2008	BPS, ESS/ITS
	i) Modify NAESB definitions related to OASIS Business Practices (001, 002, 003, and 013) Status: Underway.	4th Q, 2008	BPS, ESS/ITS
	ii) Modify NAESB definitions related to Coordinated Interchange (004) and PKI Standards (012) Status: Underway.	4th Q, 2008	JISWG
	iii) Modify NAESB definitions related to the remaining business practices Status: Underway.	4th Q, 2008	BPS
f)	Review and evaluate whether to cutoff or put a size limit on the entities for which the standards apply	3rd Q, 2008	SRS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
g)	Investigate and review possible modifications to the WGQ Intraday Nominations, Confirmation Scheduling, and Gas Day standards, including possible standards for coordination of wholesale electric and wholesale gas scheduling. (R03031, R03031 revised, Interim Report, Final Report) Status: Not Started. There is a final report associated to this standards request though no formal recommendation was developed to indicate no action was going to be taken. This request is assigned to the inactive Electric Coordination Task Force. This request may be more of a clean-up in nature as it appears it is complete but the requisite documentation has not been completed.	TBD	SRS
h)	Develop standards to allow for registered Market Operators to request changes to the Market Level profile of Implemented Interchange (R06006) Status: Not Started. This request may be more of a clean-up in nature as it was requested in May 2006 but has not been addressed or presented as completed with the requisite documentation.	TBD	ESS/ITS
i)	Modify the timing chart for the Western Interconnection in WEQBPS-006 to an initiation of manual time error at +/-5 seconds. (R06010) Status: Not Started. This request may be more of a clean-up in nature as it was requested in August 2006 but has not been addressed or presented as completed with the requisite documentation.	TBD	BPS
j)	Develop a standard mechanism to implement a "RECALL" of transmission capacity from an existing confirmed transmission service reservation/Specify the technical requirements for implementation of a new OASIS request type, RECALL. (R07001) Status: Not Started. This request was originally assigned to the ESS/ITS in February 2007.	TBD	ESS/ITS
k)	Clarify the S&CP implementation of the DEFERRAL request. (R07003) Status: Not Started. This request was originally assigned to the ESS/ITS in February 2007.	TBD	ESS/ITS
l)	Develop business practice and technical standards for assigning, tracking, and limiting rollover rights. (R07004) Status: Not Started. This Standards Request was assigned to the ESS/ITS in February 2007.	TBD	ESS/ITS
m)	Update the Timing Table to Reflect the Categories (On-time, Late, After-the-fact, and Pre-late) used in the latest E-Tag Specification with respect to receipt of an Arranged Interchange (RFI). (R07007) Status: Not Started. An update should be provided to the WEQ EC at its November 2008 meeting.	TBD	JISWG

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan Approved by the Board of Directors on June 26, 2008 and Redlined Changes Supported by the WEQ EC on August 19, 2008

	Item Description	Completion[1]	Assignment[2]
n)	Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the "System_Attribute" data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. (R08011) Status: Not Started. This Standards Request was assigned to the ESS/ITS in May 2008.	TBD	ESS/ITS
o)	Provide for Enhanced Granularity for Public Utilities in Identifying Critical Operational Flow Orders. (R08020) Status: Not Started. This Standards Request was assigned to the BPS in August 2008.	TBD	BPS jointly with WGQ BPS

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NORTH AMERICAN ENERGY STANDARDS BOARD

2008 WEQ Annual Plan with proposed revisions from Executive Committee as of May 13, 2008 and Subcommittee Leadership as of June 3, 2008

PROVISIONAL ITEMS

1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy and Inadvertent Interchange Data Standards BAL-006 revisions.

Status: In review of the NERC development effort, Balancing Authority Controls (Project 2007-05), with Mr. Akens (TVA, NERC Drafting Team Leader) and Mr. Rodriquez (NERC Manager, Business Practice Coordination), it was determined that no changes would be required to NAESB standards. As such, NAESB leadership is not at this time determining if any development would be undertaken, which would then initiate a joint development effort. A letter to this effect was sent to NERC management. This assessment may however change as the NERC drafting team proceeds further in its development, so the provisional item remains on the 2008 WEQ Annual Plan.

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

3 Develop business practice standards as related to the Effectiveness Study of Competitive Wholesale Markets (Congressional Mandate), Electric Energy Market Competition Task Force, Docket No. AD05-17-000, issued by the FERC on October 13, 2005.

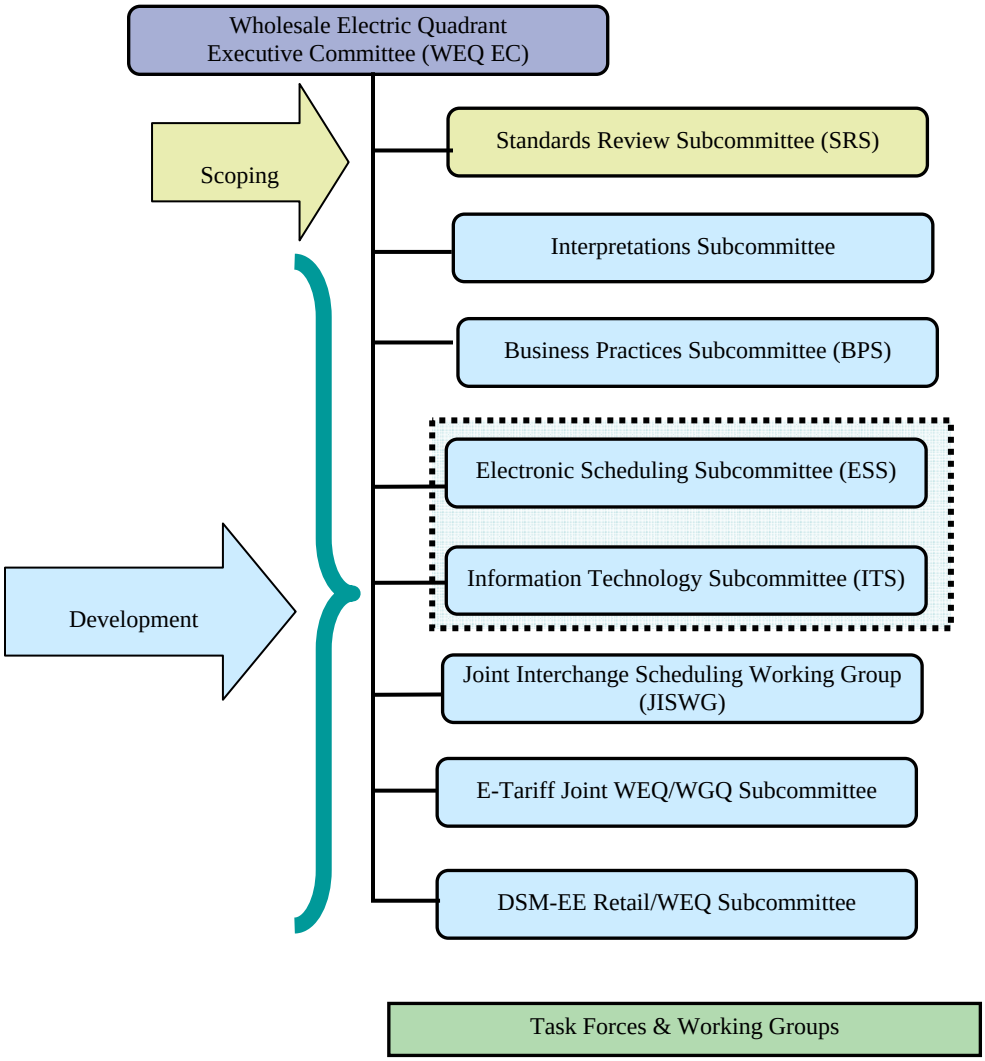
4 Develop and/or maintain business practice standards to support gas-electric interdependencies

- Respond to requests as received that are related to Docket No. RM05-28-000.
- Respond directives related to the conclusions of the NAESB reports submitted in FERC Order No. 698, Docket Nos. RM05-5-001 and RM96-1-027.

5 Develop business practices for allocating capacity among requests received during a submittal window Order 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002 - Paragraph 805).

6 Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org



NAESB WEQ EC and Subcommittee Leadership:
Executive Committee: Kathy York (WEQ EC Chair) and Clay Norris (WEQ EC Vice Chair)
Standards Review Subcommittee: Narinder Saini, Ed Skiba
Interpretations Subcommittee: Robert Schwermann
Business Practices Subcommittee & Task Forces: Jim Busbin (TLR), Ed Skiba
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)

North American Energy Standards Board

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

End Notes WEQ 2008 Annual Plan:

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

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

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

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

[5 5] For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item: http://www.naesb.org/pdf3/weq_aplan102907w1.pdf.

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

[7] The June 1, 2008 dates included in this Annual Plan Item are assigned as a result of FERC extending deadlines to both NERC and NAESB on ATC related Order No. 890 items.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

September 4, 2008

TO: WEQ Board Members, WEQ EC Members, WEQ Leadership

FROM: Rae McQuade, NAESB President and COO

RE: Agenda for the NAESB WEQ Board Leadership Meeting – October 1, 2008

Dear WEQ Board Members, WEQ EC Members and WEQ Leadership:

As noted in prior communications, the WEQ Board Leadership meeting normally scheduled the day before the Board meeting (September 25) was cancelled due to scheduling problems. The WEQ Leadership meeting has been rescheduled as a confernce call/web cast for October 1, 2008 from 10 am to 2 pm central. This will be a single topic meeting to discuss the subsegment issue. The details of the meeting are found below:

WHEN: Wednesday, October 1, 2008
10:00 a.m. to 2:00 p.m. Central

CALLING INSTRUCTIONS: Phone: 866-740-1260, Access Code: 3560060, Security Code: 7341
Web cast: http://www.readytalk.com, with the same access code and security code

We look forward to hearing from you. Work papers are provided for this meting in the agenda through hyperlinks. The draft agenda and links to the papers for the meeting follow.

North American Energy Standards Board
1301 Fannin, Suite 2350, Houston, Texas 77002
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: naesb@naesb.org
Home Page: www.naesb.org

NAESB WEQ LEADERSHIP MEETING

DRAFT AGENDA

10 AM TO 2 PM C, OCTOBER 1, 2008

10 am 1. Administration and Welcome
- Antitrust Guidelines
- Welcome and Introduction of Participants
- Agenda Adoption

2. Subsegment Discussion and Determination of Next Steps
Supporting Documentation:
- Michael Desselle letter: http://www.naesb.org/pdf3/weq_leadership062508w10.doc
- Response from the ISO/RTO Council: http://www.naesb.org/pdf3/weq_leadership062508w11.doc
- WEQ Quadrant Procedures: http://www.naesb.org/pdf/weq_quadrant_procedures.doc.
- IGO Creation Resolution: http://www.naesb.org/pdf2/weq_bd112806w1.doc
- Current Board and EC Composition: http://www.naesb.org/pdf2/bod_terms.pdf (Board) and http://www.naesb.org/pdf/ec_terms.pdf (EC)

3. New, Old and Other Business

2 p.m. 4. Adjourn

North American Energy Standards Board

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

September 18, 2008

TO: NAESB Board of Directors and Interested Industry Participants
FROM: Rae McQuade, NAESB Executive Director
RE: Schedule of 2008/2009 Meetings

Below is the schedule of 2008 meetings for the Executive Committee, Board of Directors and Advisory Council. The schedule for the 2009 Board meetings is also included. We are the process of scheduling the Executive Committee meetings and the Advisory Council meeting for 2009.

2008 Calendar of Board and EC Meetings

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

2009 Calendar of Board Meetings

Date	Meeting	Location
March 26	Board of Directors	Houston – Marriott IAH
June 25	Board of Directors Meeting and Meeting of the Members	Houston – Marriott IAH
September 24	Board of Directors	Houston – Marriott IAH
December 10	Board of Directors	Houston – Marriott IAH