

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

**North American Energy Standards Board
Board of Directors Meeting
December 9, 2004**

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

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**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 1

This section includes:

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

This section tracks with agenda item 1.

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

WELCOME AND OPENING REMARKS

- The meeting specifics are:

Where: Sheraton North Houston Hotel
15700 John F. Kennedy Blvd.
Houston, Texas 77032
Hotel Phone: 281-442-5100

When: December 9th 9:00 am to 12:00 pm

Please feel free to call (713-356-0060) if you have any questions or comments, additions to the agenda, or additional meeting materials. If you would prefer attending by conference call, the NAESB Office can provide the conference calling information. The materials are posted on the NAESB Home Page in the "Board of Directors" area for attendees to download.

- For further assistance please reach:

Veronica Thomason at (713) 356 - 0060

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

| | |
|------------------|--|
| Michael Desselle | - Chairman |
| Leonard Haynes | - Vice Chairman Retail Electric Quadrant |
| Mark Maassel | - Vice Chairman Retail Gas Quadrant |
| Joe Stepenovitch | - Vice Chairman Wholesale Gas Quadrant |
| Rae McQuade | - Executive Director, COO and Secretary |
| Bill Boswell | - General Counsel |

**NORTH AMERICAN ENERGY STANDARDS BOARD
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ANTITRUST GUIDELINES

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

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

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

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

North American Energy Standards Board

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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 BOARD TERMS - Wholesale Gas Quadrant

| END USER SEGMENT | | TERM END: |
|-------------------------|---|------------------|
| Jim Downs | Manager of Gas and Regulatory and Federal Compliance, Calpine Corp. | Dec 31, 2004 |
| Joe Stepenovitch | Vice President, Energy Marketing & Trading, Florida P&L | Dec 31, 2004 |
| John Procaro | Vice President & COO, Cinergy | Dec 31, 2004 |
| Janie Mitcham | Vice President, Fuel and Energy Management, Reliant Energy | Dec 31, 2005 |
| Jim Templeton | Principal, Comprehensive Energy Services | Dec 31, 2005 |
| LDC SEGMENT | | TERM END: |
| Tim Kelley | Vice President Energy Services and Regulation, Connecticut Natural Gas Corporation and The Southern Connecticut Gas Company | Dec 31, 2004 |
| Adrian Chapman | Vice President, Regulatory Affairs & Energy Acquisitions, Washington Gas Light Company | Dec 31, 2004 |
| Reed Horting | Vice President, Gas Supply & Transportation, PECO Energy Co. | Dec 31, 2004 |
| Mike Novak | Asst. General Manager, National Fuel Gas Distribution Corporation | Dec 31, 2005 |
| Lee Stewart | President, Energy Transportation Services, Southern California Gas Co | Dec 31, 2005 |
| PIPELINE SEGMENT | | TERM END: |
| Terry McGill | Executive Vice President, Enbridge Energy | Dec 31, 2004 |
| John Somerhalder | President, El Paso Energy Pipeline Group | Dec 31, 2004 |
| Shelley Corman | Senior Vice President & Chief Commercial Officer - Transwestern Pipeline, Enron Transportation Services Company | Dec 31, 2004 |
| Ron Mucci | Senior Vice President Shared Services, Williams Gas Pipeline | Dec 31, 2005 |
| Richard Kruse | Senior Vice President, Duke Energy Gas Transmission | Dec 31, 2005 |
| PRODUCER SEGMENT | | TERM END: |
| Randy Mills | Regulatory Manager, ChevronTexaco | Dec 31, 2004 |
| William T. Benham | Vice President - Regulatory Affairs, BP Energy Company | Dec 31, 2005 |
| Keith Sappenfield | Regional Director - US Regulatory Affairs, EnCana Oil & Gas (USA) Inc. | Dec 31, 2005 |
| Bill Hebenstreit | Director of Contract Services - El Paso Production Company | Dec 31, 2004 |
| Pete Frost | Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing | Dec 31, 2005 |
| SERVICES SEGMENT | | TERM END: |
| VACANCY | VACANCY | Dec 31, 2004 |
| VACANCY | VACANCY | Dec 31, 2004 |
| Jim Buccigross | Vice President Energy Industry Practice, Group 8760 LLC | Dec 31, 2005 |
| Lyn Maddox | President & CEO, Prospect Energy | Dec 31, 2005 |
| VACANCY | VACANCY | Dec 31, 2005 |

OFFICERS: Michael Desselle is CEO and 2004 Chairman of the Board of Directors. Rae McQuade as Executive Director serves as Secretary and COO. Leonard Haynes is the REQ Vice Chairman. Mark Maassel is the RGQ Vice Chairman. Joe Stepenovitch is the WGQ Vice Chairman.

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**NORTH AMERICAN ENERGY STANDARDS BOARD
2004 BOARD TERMS – Retail Electric Quadrant**

| DISTRIBUTOR SEGMENT | | TERM END: |
|----------------------------|--|------------------|
| David Koogler | Director – Regulation & Competition, Dominion Virginia Power (SERC NERC Region). | Dec 31, 2005 |
| Bill Bourbonnais | Assistant Vice President - Transmission, WPS Resources Corporation (MAIN NERC Region) | Dec 31, 2005 |
| Johnny Magwood | Vice President Customer Services, Baltimore Gas and Electric Company | Dec 31, 2004 |
| Leonard Haynes | Executive Vice President and Chief Marketing Officer, Southern Company Services (SERC NERC Region) | Dec 31, 2004 |
| END USER SEGMENT | | TERM END: |
| Sonny Popowsky | Pennsylvania Office of Consumer Advocate | Dec 31, 2005 |
| Bryan Anderson | Capital Partner, Foley & Lardner | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2004 |
| SERVICES SEGMENT | | TERM END: |
| V A C A N C Y | | Dec 31, 2005 |
| Stacey Wood | Director, The Structure Group | Dec 31, 2005 |
| J Cade Burks | President, EC Power | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2004 |
| SUPPLIER SEGMENT | | TERM END: |
| Brian Landrum | President, Reliant Energy Retail Services | Dec 31, 2005 |
| David Booty | Director of Operations, Direct Energy Business Services | Dec 31, 2005 |
| David McMillan | Vice President of Government and Regulatory Affairs, Green Mountain Energy | Dec 31, 2004 |
| Richard Zelenko | General Manager, Dominion Retail Inc. | Dec 31, 2004 |

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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 BOARD TERMS – Wholesale Electric Quadrant

| END USER SEGMENT | | TERM END: |
|---------------------------------|---|------------------|
| John A. Anderson | Executive Director, Electricity Consumers Resource Council (ELCON) | Dec 31, 2005 |
| Jeanne Zaiontz | Director, Regulatory Affairs, BP Energy Co. | Dec 31, 2004 |
| Carol Guthrie | General Manager, Electric Market Strategies, ChevronTexaco Energy Research and Technology Company | Dec 31, 2004 |
| Patricia Smith | People's Counsel, Maryland People's Counsel | Dec 31, 2005 |
| Ron Jackups | Vice President, Electric System Operations, Cinergy | Dec 31, 2005 |
| Thomas Dunleavy | Commissioner, New York Public Service Commission | Dec 31, 2004 |
| DISTRIBUTION/LSE SEGMENT | | TERM END: |
| Frank Johnson | Senior Vice President Electric Transmission and Distribution, Consumers Energy | Dec 31, 2005 |
| Jim Miller | Vice President & General Counsel, Southern Company Services Inc. | Dec 31, 2004 |
| Barry R. Lawson | Manager-Power Delivery, National Rural Electric Cooperative Association | Dec 31, 2005 |
| Arthur G. Fusco | Vice President and General Counsel, Central Electric Power Cooperative Inc. | Dec 31, 2004 |
| Mark B. Bonsall | Chief Financial Executive/Associate General Manager, Salt River Project | Dec 31, 2005 |
| Carrie Cullen Hitt | Vice President of Governmental and Regulatory Affairs, Constellation NewEnergy | Dec 31, 2004 |
| GENERATION SEGMENT | | TERM END: |
| Forrest E. Reeves | Assistant Administrator, Office of Corporate Operations, Southwestern Power Administration | Dec 31, 2004 |
| Charles W. Severance | Director Bulk Power, Wisconsin Public Service Corporation | Dec 31, 2005 |
| John J. Dellas | Executive Director Electric Restructuring, Consumers Energy | Dec 31, 2004 |
| Dennis Sobieski | Managing Director – Business Development, PSEG Power | Dec 31, 2005 |
| Thomas Ingwers | Director, Energy Trading and Contracts, Sacramento Municipal Utility District | Dec 31, 2005 |
| Gloria Ogenyi | Director Energy and Market Policy, Conectiv Energy Supply, Inc. | Dec 31, 2004 |
| TRANSMISSION SEGMENT | | TERM END: |
| W Terry Boston | Executive Vice President – Transmission/Power Supply Group, Tennessee Valley Authority | Dec 31, 2004 |
| Peter Flynn | Vice President Transmission Strategy and Policy, National Grid USA | Dec 31, 2005 |
| Paul McCoy | Executive Vice President of Transmission System Operations, Trans-Elect | Dec 31, 2004 |
| Carroll Waggoner | Sr. Manager Transmission Policy, Sunflower Electric Power Corporation | Dec 31, 2005 |
| John H. Zemanek | Vice President Transmission, Entergy Services, Inc. | Dec 31, 2004 |
| Michael Desselle | Director Public Policy, American Electric Power | Dec 31, 2005 |

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| MARKETER/BROKER SEGMENT | | TERM END: |
|--------------------------------|--|------------------|
| Allen L. Burns | Executive Vice President-Industry Restructuring, Bonneville Power Administration | Dec 31, 2005 |
| R. Scott Brown | Vice President and Director, Exelon Generation Power Team | Dec 31, 2005 |
| Thomas A. Smith | Manager of Power Marketing, Tri-State Generation & Transmission Association, Inc. | Dec 31, 2004 |
| Jim Mayhew | Director of Market Development & Policy Analysis, Mirant Corp. | Dec 31, 2005 |
| Michael Grim | Director of North American Market Development – Public Policy Division, TXU Energy | Dec 31, 2004 |
| Joseph Hartsoe | Vice President and Associate General Counsel, American Electric Power Marketing Inc. | Dec 31, 2004 |

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**NORTH AMERICAN ENERGY STANDARDS BOARD
2004 BOARD TERMS – Retail Gas Quadrant**

| DISTRIBUTORS SEGMENT | | TERM END: |
|-----------------------------|---|------------------|
| Craig White | Acting Chief Operating Officer, Philadelphia Gas Works | Dec 31, 2004 |
| Glen R. Schwalbach | Assistant Vice President Corporate Planning, Wisconsin Public Service Corporation | Dec 31, 2005 |
| Mark T. Maassel | President, Northern Indiana Public Service Company (NiSource, Inc.) | Dec 31, 2004 |
| Paul J. Szykman | Director – Rates and Gas Supply, UGI Utilities, Inc. | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2004 |

| END USERS SEGMENT | | TERM END: |
|--------------------------|--|------------------|
| Matthew G. Parsell | Assistant Director, Natural Gas Division, Indiana Office of Utility Consumer Counselor | Dec 31, 2004 |
| Tina Burnett | Chair, Northwest Industrial Gas Users Association | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2005 |

| SERVICE PROVIDERS SEGMENT | | TERM END: |
|----------------------------------|--|------------------|
| Leigh Spangler | President, Latitude Technologies Inc. | Dec 31, 2004 |
| Dave Pfeifer | Vice President – Energy, SunGard EnForm Consulting, LP | Dec 31, 2004 |
| Dave Darnell | President & CEO, Systrends Inc. | Dec 31, 2005 |
| Greg Lander | Principal, CapacityCenter.com | Dec 31, 2005 |
| Richard J. Rudden | President & CEO, R. J. Rudden Associates, Inc. | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2004 |

| SUPPLIER SEGMENT | | TERM END: |
|-------------------------|---|------------------|
| Randy Magnani | Director C&I Operations, Amerada Hess Corporation | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2004 |
| V A C A N C Y | | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2005 |
| V A C A N C Y | | Dec 31, 2005 |

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 2

MEETING ANNOUNCEMENT AND AGENDA

This section includes:

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

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

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



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November 22, 2004

TO: NAESB Board of Directors, Invited Guests, Speakers
FROM: Rae McQuade, NAESB Executive Director
RE: Meeting Announcement for the NAESB Board Meeting – December 9, 2004

Dear Board Members, Speakers and Invited Guests:

The December Board meeting will be held in Houston at the Sheraton North Houston Hotel, which is located about three miles from the George Bush Intercontinental Airport. The specifics of the meeting are:

Where: Sheraton North Houston Hotel
15700 John F. Kennedy Blvd.
Houston, Texas 77032
Hotel Phone: 281-442-5100

When: December 9th Board meeting 9:00 am to 12:00 pm
A buffet lunch will be served at noon.

We look forward to seeing you at the meeting. Conference calling will be available should you be unable to attend in person. The draft agenda is attached for your review.



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**NAESB BOARD OF DIRECTORS MEETING
Sheraton North Houston Hotel, Houston, Texas**

**Thursday, December 9 – 9:00 a.m. to 12:00 pm Central
DRAFT AGENDA**

- 8:30 a.m. Continental Breakfast
- 9:00 a.m.
1. Administration and Welcome
 - Antitrust Guidelines
 - Introduction of Board Members and Guests
 - Agenda Adoption
 - Adoption of Draft Minutes from 9-16-04
 2. Executive Committee Reports
 - Executive Committee Report from each Quadrant
 - Standards Adopted Since the September Board Meeting
 - Filings with the FERC
 3. Adoption of 2005 Annual Plans
 - Review and adoption of Each Quadrant’s annual plans for 2005
 4. Reports from the NAESB Office
 - Executive Director’s Report
 5. Financial Reports and Adoption of 2005 Budget
 - Financial Review of 2003 Statements
 - Financial Report for 2004 YTD
 - Review, Discussion and Adoption of 2005 Budget
 6. Report from board committees: Resources, Retail Awareness and Gas – Electric Interdependencies
 7. Plan for March 3, 2005 Board Meeting
 8. Old and New Business
 - Review of the ratification results from the adoption of the sunset provision
 - Election results for 2005 Board members
 - Planned Meeting Schedule for 2005
- 12:00 p.m. Adjourn

*Attire – Business Casual
Buffet Lunch served at Noon*

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
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TAB 3

DRAFT MINUTES – SEPTEMBER 16, 2004

This section includes:

- The draft minutes for the Board meeting on September 16, 2004.

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

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



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September 29, 2004

TO: NAESB Board Members, Posting for Interested Industry Participants
FROM: DeDe Kirby, NAESB Meeting/Project Manager
RE: Revised Draft Minutes from the NAESB Board of Directors Meeting – September 16, 2004

**NORTH AMERICAN ENERGY STANDARDS BOARD
 NAESB BOARD OF DIRECTORS MEETING & STRATEGIC SESSION
 September 16, 2004 in Austin, TX hosted by NAESB
 Revised Draft Minutes**

1. Administration and Welcome

Mr. Desselle called the meeting to order. Mr. Desselle welcomed the board members and participants. Mr. Boswell advised the participants of the anti-trust guidelines. Ms. Kirby then called roll for the board members. Mr. Desselle announced that quorum was established. Mr. Brown made a motion to adopt the draft minutes of June 10, 2004, and Mr. Templeton seconded the motion. The minutes were adopted by consent. Mr. Desselle reviewed the agenda for the meeting. Mr. Grim made a motion to adopt the agenda, and Mr. Templeton seconded the motion. The agenda was adopted by consensus.

2. Sunset Provision

Mr. Desselle advised the group that the Sunset Provision was in Article 1, Section 2 of the Certificate of Incorporation. (A description of the provision is also located in the Board of Directors Meeting September 16, 2004 book on page 24, hereafter referred to as the Board Meeting book.) Mr. Desselle offered the following resolution:

RESOLVED, That the Board of Directors of the North American Energy Standards Board (NAESB) recommends to the membership that NAESB's existence as a corporation shall continue; provided, however, that no later than December 31, 2014 NAESB's Board of Directors shall submit to the members a resolution recommending whether NAESB shall continue, and further,

RESOLVED, that the provisions of Article 1, Section 2 of the Amended and Restated Certificate of Incorporation shall be amended to reflect this provision upon ratification by the membership, and further,

RESOLVED, that the Board of Directors directs that NAESB's General Counsel shall make an appropriate filing with the Secretary of State of the State of Delaware to effect this change upon such ratification by the membership.

Ms. Ogenyi made a motion to adopt the sunset provision resolution and Mr. Maassel seconded the motion. Mr. Boswell informed the participants that a super majority vote was needed under Article V Section 3 of the Certificate for passage of the resolution. A super majority vote consists of the following: 75% affirmative vote of the Board, including 40% from each segment, and ratification by 90% of the membership. The vote could be taken by consent or if needed, by a roll call vote.



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Mr. Novak commented that although he understood the reasoning of setting the sunset provision at 10 years instead of three, he questioned the need for change. Mr. Novak added that the three year sunset provision review added strength to the organization. Mr. Boswell said that the Managing Committee had discussed different time periods for the provision, and arrived at ten years as a reasonable compromise. He added that NAESB's ten year anniversary added strength to the reasoning behind setting the sunset provision at ten years. Also, the Board may dissolve the organization at any time, or members can drop their memberships and have the same effect.

Hearing no further discussion, Mr. Desselle called for a vote. Ms. Ogenyi's motion was widely supported, with one vote cast in opposition. Notational ballots, however, would be distributed since some segments did not have 40% representation. The voting record is shown below.

3. Review of the Strategic Session and Next Steps

Mr. Desselle referred to his memo entitled "Strategic Session Next Steps" dated August 31, 2004 and proposed that three subcommittees be created to further the work from the June strategic session. He described the proposed subcommittees and their purposes: The Gas-Electric Coordination Subcommittee was proposed to address interdependency issues and provide guidance to the EC; the Retail Standards Awareness Subcommittee was proposed to operate as a liaison between state regulators, industry and other groups to make them more aware of NAESB and the standards development process; and the Resources Subcommittee was proposed to address membership issues. Mr. Grim made a motion to form the three new subcommittees, and Mr. Burks seconded the motion.

Mr. Brown commented that the purposes of the subcommittees could lead them to become less focused on actual deliverables. He also questioned whether the focus of the groups might lead to deliverables that the Board did not actually request or want. Mr. Desselle explained that the subcommittees would be of an ad hoc nature. The subcommittees would adopt their own schedules for deliverables and would report to the Board of Directors through the Managing Committee.

Mr. Stewart asked if the purpose of the Retail Awareness Subcommittee could be construed as lobbying or advocacy activity by NAESB. Mr. Desselle explained that the purpose of the group was to act as an educational group that would act to inform state commissioners of the role NAESB plays in the development of standards, and the standards that had already been developed through NAESB. Mr. Burks offered an example from Massachusetts of why the purpose and focus of this subcommittee would be a valuable tool to the commissioners and to the industry. Mr. Burks said the subcommittee would have a positive role in informing and educating the industry and state commissioners as to NAESB's role.

Mr. Desselle noted that Energy Day was scheduled for December 1 & 2, in New York, NY and would be providing a forum for discussion on coordination and communication between the gas and electric industries. He explained that it was very likely that several policy issues would be raised and that the Gas-Electric Coordination Subcommittee would be assisting with facilitating discussion over these policy issues and the development of standards.

Mr. Novak asked that the board to be vigilant in monitoring the subcommittees to make sure they did not take on a role of advocating. Mr. Desselle agreed. Mr. Desselle explained that the subcommittees would follow the NAESB process and be open to participation according to the NAESB Bylaws.

After further discussion of the motion, it passed unanimously by consensus.



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4. Reports from the NAESB office

A. Executive Director Report

Ms. McQuade explained that attendance on the monthly update calls had included participants from up to twenty state commissions, three federal agencies, several trade associations, and many NAESB members. She added that the monthly update call is one hour in length and that there is no charge. Ms. McQuade said recommendations were welcome for specific topics during the update, and asked that they be submitted to the NAESB office. Ms. McQuade added that subcommittee chairs were present on the calls and described actions taken in their respective subcommittees. She commented that NAESB had received many positive reports from state commissioners and NARUC regarding the monthly update phone calls.

Next, Ms. McQuade gave the membership report. She explained that membership dropped from 357 at the beginning of the year, to 327 as of to date. Ms. McQuade explained that the loss in membership was significant in light of the beginning of the year projections that membership would rise to 380. She continued by explaining that the loss in revenue compared to budget was primarily due to the loss of membership. Ms. McQuade gave a report on the new membership and membership resignations for each quadrant: WEQ gained 4 new members, and sustained 22 member resignations; WGQ gained 6 new members and sustained 7 member resignations; REQ gained one new member and sustained 8 member resignations; and RGQ had no gain in membership but sustained 4 member resignations.

Ms. McQuade reminded the group that each quadrant is required by NAESB's Certificate of Incorporation to maintain 40 members. However, no specific actions are listed for when quadrant membership falls below 40. Ms. McQuade explained that the Board is to be made aware that a specific quadrant does not meet membership requirements, and the Board may take specific actions as it deems appropriate.

Mr. Brown asked if NAESB had completed exit interviews for those members leaving NAESB, as well as interviews for new members. Ms. McQuade explained that NAESB did conduct exit interviews and that several of the companies that had resigned their memberships did so because the individual(s) responsible for NAESB meetings in their organizations were no longer with that company, the company had multiple memberships and did not need as much coverage at NAESB, the company was having financial difficulties and could not maintain membership or multiple membership, or retail markets did not develop as anticipated. She commented that another reason for the loss of membership was that industry participants could vote and participate in subcommittees without being a member, but she added that this was normal for standards development organizations and not necessarily a negative as one of the goals of the organization is broad participation. It does however mean that the members subsidize the non-members.

Ms. Ogenyi added that perhaps the new Resources Subcommittee could facilitate new memberships and ways in which the free rider problem might be addressed. Mr. Desselle then informed the group that Mr. Cargas of the NAESB office would be working with the Resources Subcommittee and dealing with membership retention and expansion on a full time basis. Mr. McMillan questioned if NAESB should give consideration to merging the two retail quadrants into one, since the majority of the RGQ/REQ meetings were held jointly and their membership separately falls below the required threshold. He added that it might be more effective to have one retail quadrant. Mr. McMillan commented that he also shared Ms. Ogenyi's concerns about participation by members of the industry that were not NAESB members. He questioned if a method of recognizing those participants that are not members was needed.



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Mr. Desselle explained the increase of participation in NAESB meetings, by members and non-members alike, had positive effects as well. He said that those participants that are not members have substantially added to the discussion and standards development process in NAESB meetings. He added that the use of phone lines during NAESB meetings has increased from 350 lines to 450 lines per month, and that NAESB meetings have increased from an average of 22 to 34 meetings per month.

Pertaining to the formation of one retail quadrant, Mr. Novak explained that the issue of retail membership was a sign of a broader problem among the retail quadrants. Mr. Novak explained that perhaps NAESB should question the relevancy of the work going on in the retail quadrants if NAESB retail memberships were not meeting the required number. Mr. Boswell explained that the Certificate states that there may be as many as four quadrants, not that there must be four quadrants. He added that the Board is required to review minimum participation requirements every other year, according to section 2.3 of the NAESB Bylaws. Mr. Boswell explained the Board may take action when membership drops below the required minimum of 40 in a quadrant, but that the Board action is not a requirement.

Ms. McQuade then reviewed the FERC filings made to date, including standards implementing FERC Order 2004 (WGQ) and the WEQ Seams Catalog. She added that minor modifications to version 1.7 of the WGQ standards should be filed in late September. Ms. McQuade explained that the Gas Electric Coordination Task Force Final Report was recently approved by the Executive Committee and would be filed with the FERC in the near future. She added that depending on the actions taken by the WGQ EC at the meeting to be held the afternoon of September 16, 2004, the Gas Quality Reporting Standards could soon be ready for filing with the FERC as well. Ms. McQuade continued by explaining that several business practice standards from the WEQ were on track to be filed with the FERC including the Version 0 Business Practice Standards and the standards on OASIS 1A. She added that instead of filing the WEQ standards on piecemeal basis as they are prepared, the FERC staff has asked for one filing with the WEQ standards by at near yearend so that they would be processed in a single docket for wholesale electric business practices. Ms. McQuade explained that although NAESB did not make specific filings with state commissions, NAESB did provide updates and status reports to the state commissions and NARUC.

B. Financial Report

Next, Ms. Wishart reviewed the NAESB Financial Report as of July 2004. She explained that the NAESB budget for expenses was \$1,118,386, but that expense actuals were \$1,026,233. Ms. Wishart also explained that the NAESB budget for income was \$1,740,520, but that income actuals were \$1,530,310. She explained that revenues have decreased due to loss of memberships, and that this loss of membership accounts for \$200,000 loss in financials. She added that the numbers were also adjusted to project where the NAESB financial report would be at the end of the year. The end of the year projection was for a net profit of \$25,000 which would be applied to the negative retained earnings.

5. Executive Committee Reports

Ms. Van Pelt reviewed the WGQ annual plan, located on pages 62-64 of the Board Meeting Book. She said the Gas-Electric Scheduling Activities assigned to the Gas-Electric Coordination Task Force (Item 1) were complete. The FERC Order 2004 (Item 2) had been completed by the Business Practices Subcommittee and ratified by the Executive Committee. The preparation of documents and submission of EDM standards to ANSI for approval as ANSI standards assigned to the EDM subcommittee (Item 3), along with the review of security and



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reliability of NAESB EDM Standards assigned to the Executive Committee Officers (Item 4) would roll over to the 2005 annual plan. Ms. Van Pelt explained that the task of reviewing and enhancing security standards as required by technological changes (Item 5) assigned to the EDM subcommittee will remain on the annual plan, but the reviews will be conducted under version 1.8. She informed the group that the review of minimum technical characteristics in Appendices C, D, and E of the EDM Manual (Item 6) assigned to the EDM Subcommittee was complete, but that the items would be reviewed again before publication and that they would be modified if necessary.

Ms. Van Pelt added that the preparation of a common NAESB Electronic Transport (ET) and WGQ Quadrant Electronic Delivery Mechanism (WGQ QEDM) manuals (Item 7) assigned to the EDM Subcommittee, is under development and on target for completion by the end of the 2004 4th Quarter. The establishment of web-based reports for tracking all physical and chemical properties of natural gas defined in pipeline tariffs as assigned to the BPS (Item 8) was complete and on the agenda for a vote at that afternoon's WGQ EC meeting. The review and development of ISDA Gas Annex Contract assigned to the Contracts Subcommittee (Item 9), was on target for completion by the end of the 2004 4th Quarter. Ms. Van Pelt then reviewed ongoing maintenance items and explained that one provisional item was added at the August EC meeting - the subsequent FERC Orders for creditworthiness. She added that once the FERC Orders were issued, the WGQ would review them to see if any new WGQ adjustments were needed.

Ms. Kiselewich reviewed the RGQ/REQ Annual Plans, found on pages 71-79 of the Board Meeting Book. She began with Billing and Payment Datasets and Models project assigned to the Customer Practices Subcommittee (RGQ- Item 1), and explained that although the CPS was taking more time than expected the project was on target to be completed by the end of the 4th Quarter. The model business practices under the Market Participant Interactions project (RGQ - Item 2) assigned to the Supplier-Utility Interface Subcommittee (SUIS) were complete and approved by the RGQ/REQ Executive Committee on August 25, with industry ratification set for completion on October 7th. She continued that the development of practices for exchanging customer information necessary interactions prior to enrollment and billing assigned to the CPS (RGQ - Item 3) was on target for completion by the end of the year. Ms. Kiselewich said the development of dispute resolution procedures applicable to differences between distribution companies and suppliers assigned to the SUIS (RGQ - Item 4) was still ongoing and would be completed by the end of the 4th Quarter.

Ms. Kiselewich said the Customer Enrollment project (RGQ - Item 5), the project to examine WGQ Non-EDM Standards (RGQ - Item 6), and Customer Inquiries project (RGQ - Item 7) were all set to be completed in 2005. She explained that the Supplier Certification task assigned to the SUIS (RGQ - Item 8) had been clarified by the REQ/RGQ EC to develop practices for distribution companies to register/certify new Suppliers when they seek to begin doing business in the distribution company's service area. She added that this project was set to be completed in 2005.

Ms. Kiselewich informed the group that the establishment of a subcommittee process for the Technical Electronic Implementation Subcommittee (RGQ - Item 10) was complete. She added that the TEIS review of Billing and Payments was underway and scheduled for completion in 2005. She continued by explaining that work assigned to the TEIS (to be done jointly with the WGQ EDM Subcommittee) concerning electronic transport (RGQ - Item 12, REQ Item - 14) was complete, but that the Quadrant EDM project (RGQ - Item 13, REQ - Item 15) assigned to the TEIS was still underway. She added that the Customer Enrollment and Switching project as



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applicable to the TEIS was set for completion in 2005, along with the Customer Information project as applies to the TEIS.

Ms. Kiselewich explained that a number of items were set to be reviewed by the REQ that did not apply to the RGQ. She explained that the Retail Meter Data Validation, Editing, and Estimating project assigned to the SUIS (REQ – Item 9) was set for completion in 2005, along with the Load Profiling project (REQ – Item 10) and the Settlement Process project (REQ – Item 11). Ms. Kiselewich added that the work assigned to 2005 was approved by the RGQ/REQ Executive Committee on the August 31 conference call and was now set for approval by the Board.

Mr. Desselle reviewed the WEQ Annual Plan, found on pages 65-70 of the Board Meeting Book. Mr. Desselle reviewed the development of business practices as needed to complement reliability standards (Item 1) and explained that the Inadvertent Interchange Payback Business Practices were anticipated for completion in the fall, and that Coordinate Interchange Business Practice was complete and being submitted to the FERC later in the year. He added that Coordinate Operations was complete in that it was determined that no BPs were needed, and that Operate Within Limits was still in the scoping phase. Mr. Desselle explained that the Business Practices Subcommittee was still working on the Version 0 Business Practices, and that draft 2 of the BPs had recently gone out for industry comment. He informed the group that the NAESB BPS was working collaboratively with NERC in the development of Version 0.

Mr. Desselle then informed the group that the development of OASIS Phase 1A (Item 2) was underway and several parts would be ratified before yearend. Mr. Desselle explained that work on OASIS Phase II was also still underway with a 2 to 3 year time phase for implementation. He added that work concerning the security public key infrastructure (PKI) initiative was also underway, coordinated with NERC. Mr. Desselle explained that a year long effort to identify and catalog every the seams issue was complete with several requests for standards to be developed from the Seams catalog (Item 3) being developed. He then informed the group that the effort to determine the need for and develop standards requests for electric or gas standards required to provide additional flexibility in generation scheduling (Item 4) assigned to the GECTF was underway. There were no changes to the WEQ Annual Plan.

Mr. Mills commented that balanced participation was needed from both the WEQ and WGQ with respect to Energy Day, scheduled for December 1 & 2. He added that the effort would be wasted if the WEQ did not fully participate. Mr. Novak supported strong participation by both quadrants based on the benefits received by the WGQ when they developed the standards for establishing a gas day standard.

Mr. Templeton moved to adopt the WGQ and RGQ/REQ Annual Plans as modified. Mr. Brown seconded the motion. The motion passed without objection.

Mr. Desselle introduced guests Mr. Nevius and Mr. Lohrman from the North American Electric Reliability Council (NERC). Mr. Nevius said the Memorandum of Understanding was successfully ensuring NAESB – NERC coordination and minimizing duplication. He thanked Mr. Desselle and Ms. McQuade for their recent trip to NERC's offices. He also thanked all the people in the task forces and subcommittees for their hard work. He gave a few brief comments concerning the ongoing support NERC has for the development of the NAESB Version 0 Business Practices in collaboration with the NERC Reliability Standards. He added that he looked forward to more communication and coordination with NAESB in the future.



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6. Plan for December Board Meeting

Mr. Desselle combined Item 6 of the agenda with Item 7 below.

7. Old and New Business

Mr. Desselle explained that final approval of the 2005 annual plans and budget would be scheduled for the March 2005 Board meeting. He added that these items would be introduced at the December 9th Board meeting.

Ms. McQuade said the FERC filings scheduled for the year end would need to be reviewed at the December 9th Board meeting. She added that the plan for the 2005 Advisory Council meeting would also need to be added to the December 9th agenda. She commented that the group should forward items for inclusion in the December 9th Board meeting agenda to the NAESB office.

Mr. Brown commented that the WEQ Version 0 effort was scheduled for completion at the end of the year. He questioned if there was a need to notify the membership accordingly that the WEQ EC vote concerning adoption of the Version 0 Business Practices would be taken and a full turnout would be needed for this vote. Mr. Desselle commented that notice would be given to the WEQ members balloting the effort that a vote to ratify the WEQ EC vote would be taken at the December 9th Board meeting.

Mr. Desselle informed the group that the December 9th Board meeting was to be held in Houston, Texas at the Marriott Airport Hotel.

8. Adjourn

Mr. Maassel moved to adjourn the meeting, and Mr. Brown seconded the motion. The meeting was adjourned by consent at 11:05 a.m. central.



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9. Board Attendance

Vote 1 records the vote taken on Ms. Ogenyi's motion to adopt the sunset provision resolution.

NORTH AMERICAN ENERGY STANDARDS BOARD 2004 BOARD – Wholesale Gas Quadrant

| END USER SEGMENT | | ATTENDANCE | VOTE 1 |
|-------------------------|--|------------|------------|
| Jim Downs | Calpine Corp. | Absent | |
| Joe Stepenovitch | Florida P&L | Absent | |
| John Procaro | Cinergy | In Person | For |
| Janie Mitcham | Reliant Energy | Absent | Ballot/For |
| Jim Templeton | Comprehensive Energy Services | In Person | For |
| LDC SEGMENT | | | |
| Tim Kelley | Connecticut Natural Gas Corporation and The Southern Connecticut Gas Company | Absent | Ballot/For |
| Adrian Chapman | Washington Gas Light Company | In Person | For |
| Reed Horting | PECO Energy Co. | In Person | For |
| Mike Novak | National Fuel Gas Distribution Corporation | In Person | For |
| Lee Stewart | Southern California Gas Co | In Person | For |
| PIPELINE SEGMENT | | | |
| Terry McGill | Enbridge Energy | On Phone | For |
| John Somerhalder | El Paso Energy Pipeline Group | Absent | Ballot/For |
| Shelley Corman | Transwestern Pipeline, Enron Transportation Services Company | On Phone | For |
| Ron Mucci | Williams Gas Pipeline | In Person | For |
| Richard Kruse | Duke Energy Gas Transmission | In Person | For |
| PRODUCER SEGMENT | | | |
| Randy Mills | ChevronTexaco | In Person | For |
| William T. Benham | BP Energy Company | Absent | |
| Keith Sappenfield | EnCana Oil & Gas (USA) Inc. | In Person | For |
| Bill Hebenstreit | El Paso Production Company | In Person | For |
| Pete Frost | ConocoPhillips Gas and Power Marketing | In Person | For |
| SERVICES SEGMENT | | | |
| VACANCY | VACANCY | | |
| VACANCY | VACANCY | | |
| Jim Buccigross | Group 8760 LLC | Absent | Ballot/For |
| Lyn Maddox | Prospect Energy | On Phone | For |
| VACANCY | VACANCY | | |

NORTH AMERICAN ENERGY STANDARDS BOARD 2004 BOARD – Retail Electric Quadrant

| DISTRIBUTOR SEGMENT | | | |
|----------------------------|--|-----------|------------|
| David Koogler | Dominion Virginia Power (SERC NERC Region). | In Person | For |
| Bill Bourbonnais | WPS Resources Corporation (MAIN NERC Region) | In Person | For |
| Johnny Magwood | Baltimore Gas and Electric Company | In Person | For |
| Leonard Haynes | Southern Company Services (SERC NERC Region) | On Phone | For |
| END USER SEGMENT | | | |
| Sonny Popowsky | Pennsylvania Office of Consumer Advocate | Absent | Ballot/For |
| Bryan Anderson | Foley & Lardner | In Person | For |
| V A C A N C Y | | | |
| V A C A N C Y | | | |
| SERVICES SEGMENT | | | |
| V A C A N C Y | | | |
| Stacey Wood | The Structure Group | In Person | For |
| J Cade Burks | EC Power | In Person | For |
| V A C A N C Y | | | |



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SUPPLIER SEGMENT

| | | | |
|-----------------|---------------------------------|-----------|-----|
| Brian Landrum | Reliant Energy Retail Services | Absent | |
| David Booty | Direct Energy Business Services | Absent | |
| David McMillan | Green Mountain Energy | In Person | For |
| Richard Zelenko | Dominion Retail Inc. | In Person | For |

NORTH AMERICAN ENERGY STANDARDS BOARD 2004 BOARD – Wholesale Electric Quadrant

END USER SEGMENT

| | | | |
|------------------|--|--------|------------|
| John A. Anderson | Electricity Consumers Resource Council (ELCON) | Absent | |
| Jeanne Zaiontz | BP Energy Co. | Absent | |
| Carol Guthrie | ChevronTexaco Energy Research and Technology Company | Absent | |
| Patricia Smith | Maryland People's Counsel | Absent | |
| Ron Jackups | Cinergy | Absent | Ballot/For |
| Thomas Dunleavy | New York Public Service Commission | Absent | Ballot/For |

DISTRIBUTION/LSE SEGMENT

| | | | |
|--------------------|---|----------|------------|
| Frank Johnson | Consumers Energy | Absent | Ballot/For |
| Jim Miller | Southern Company Services Inc. | Absent | Ballot/For |
| Barry R. Lawson | National Rural Electric Cooperative Association | On Phone | For |
| Arthur G. Fusco | Central Electric Power Cooperative Inc. | Absent | |
| Mark B. Bonsall | Salt River Project | Absent | |
| Carrie Cullen Hitt | Constellation NewEnergy | Absent | |

GENERATION SEGMENT

| | | | |
|----------------------|---------------------------------------|-----------|------------|
| Forrest E. Reeves | Southwestern Power Administration | Absent | |
| Charles W. Severance | Wisconsin Public Service Corporation | On Phone | For |
| John J. Dellas | Consumers Energy | On Phone | For |
| Dennis Sobieski | PSEG Power | In Person | For |
| Thomas Ingwers | Sacramento Municipal Utility District | Absent | Ballot/For |
| Gloria Ogenyi | Conectiv Energy Supply, Inc. | In Person | For |

TRANSMISSION SEGMENT

| | | | |
|-------------------------|--------------------------------------|-----------|-----|
| W Terry Boston | Tennessee Valley Authority | Absent | |
| Peter Flynn | National Grid USA | In Person | For |
| Paul McCoy | Trans-Elect | In Person | For |
| Carroll Waggoner | Sunflower Electric Power Corporation | In Person | For |
| John H. Zemanek | Entergy Services, Inc. | Absent | |
| Michael Desselle | American Electric Power | In Person | For |

MARKETER/BROKER SEGMENT

| | | | |
|-----------------|---|-----------|------------|
| Allen L. Burns | Bonneville Power Administration | On Phone | Against |
| R. Scott Brown | Exelon Generation Power Team | In Person | For |
| Thomas A. Smith | Tri-State Generation & Transmission Association, Inc. | Absent | |
| Jim Mayhew | Mirant Corp. | Absent | Ballot/For |
| Michael Grim | TXU Energy | In Person | For |
| Joseph Hartsoe | American Electric Power Marketing Inc. | In Person | For |

NORTH AMERICAN ENERGY STANDARDS BOARD 2004 BOARD – Retail Gas Quadrant

DISTRIBUTORS SEGMENT

| | | | |
|------------------------|--|-----------|-----|
| Craig White | Philadelphia Gas Works | Absent | |
| Glen R. Schwalbach | Wisconsin Public Service Corporation | Absent | |
| Mark T. Maassel | Northern Indiana Public Service Company (NiSource, Inc.) | In Person | For |
| Paul J. Szykman | UGI Utilities, Inc. | On Phone | For |
| V A C A N C Y | | | |
| V A C A N C Y | | | |

END USERS SEGMENT



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| | | | |
|--------------------|--|-----------|-----|
| Matthew G. Parsell | Indiana Office of Utility Consumer Counselor | Absent | |
| Tina Burnett | Northwest Industrial Gas Users Association | In Person | For |
| VACANCY | | | |
| VACANCY | | | |
| VACANCY | | | |

SERVICE PROVIDERS SEGMENT

| | | | |
|-------------------|-------------------------------|-----------|------------|
| Leigh Spangler | Latitude Technologies Inc. | In Person | For |
| Dave Pfeifer | SunGard EnForm Consulting, LP | On Phone | For |
| Dave Darnell | Systrends Inc. | In Person | For |
| Greg Lander | CapacityCenter.com | Absent | Ballot/For |
| Richard J. Rudden | R. J. Rudden Associates, Inc. | On Phone | For |
| VACANCY | | | |

SUPPLIER SEGMENT

| | | | |
|---------------|--------------------------|--------|--|
| Randy Magnani | Amerada Hess Corporation | Absent | |
| VACANCY | | | |
| VACANCY | | | |
| VACANCY | | | |
| VACANCY | | | |
| VACANCY | | | |



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10. Other Attendance

| Name | Organization | Attendance |
|---------------------|--------------------------------|-------------------|
| Arnaout, Mariam | American Gas Assc. | On Phone |
| Brown, Ken | PSEG | On Phone |
| Cargas, Jim | NAESB | In Person |
| Connor, Pete | NiSource | On Phone |
| Burch, Kathryn | Duke | In Person |
| Burden, Christopher | Williams Gas Pipeline | In Person |
| Davis, Dale | Williams Gas Pipeline | In Person |
| Dotterweich, Andrew | Consumers Energy | On Phone |
| Gracey, Mark | TS Gas Pipeline | In Person |
| Grygar, Bill | Panhandle Eastern | In Person |
| Hoffman, Cheryl | Hoffman Paulson Assc. | In Person |
| Hughes, John | Elcon | On Phone |
| Johnson, Alan | Mirant | In Person |
| Kennedy, Laura | NAESB | In Person |
| Kirby, DeDe | NAESB | In Person |
| Lohrman, Bill | NERC | In Person |
| McCain, Marcy | Duke | In Person |
| McKay, Robert | Constellation | In Person |
| McQuade, Rae | NAESB | In Person |
| Nevius, Dave | NERC | In Person |
| Oncken, Todd | NAESB | In Person |
| Paulson, Lawrence | Hoffman Paulson Assc. | In Person |
| Schwermann, Bob | Sacramento Muni. Utility Dist. | In Person |
| Thomason, Veronica | NAESB | In Person |
| Van Pelt, Kim | Panhandle Eastern | In Person |
| Ward, Mark | LA Dept. of Water & Power | In Person |
| Yeung, Charles | Southwest Power Pool | In Person |
| Young, Randy | Gulf South | In Person |

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 4

EXECUTIVE COMMITTEE REPORTS

This section includes:

- The 2004 Annual Plans for each of the quadrants

The material presented is background information for the discussion of agenda item 2. The Executive Committee leadership of each quadrant will discuss its progress towards completion of its annual plan and respond to questions from the Board.

No action is required of the Board.



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NORTH AMERICAN ENERGY STANDARDS BOARD

2004 WEQ Annual Plan

Approved by the Board of Directors December 4, 2003

Modified by the WEQ Executive Committee – November 16, 2004

| Item Description | Completion ¹ | Assignment |
|--|-------------------------|--|
| 1 Develop business practices standards as needed to complement reliability standards | | |
| (a) Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs). Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are: | | Business Practices Subcommittee (BPS) |
| i. Develop Inadvertent Interchange Payback Business Practices Status: Underway | | BPS (IIPTF) |
| ii. R03013 – Coordinate Interchange Status: Complete | | ESS |
| iii. R03014 – Coordinate Operations Status: Complete | | BPS |
| iv. R03017 -- Operate Within Limits Status: Underway | | |
| v. Balance Resources and Demand | | |
| vi. Facility Ratings | | |
| (b) Develop business practice standards applicable to the transition period from NERC policies to NERC reliability standards. Status: Underway | | BPS/Variouis |
| 2 Develop and Maintain Business Practice and Communication Standards for OASIS and Electronic Scheduling | | |
| (a) Develop and/or maintain <i>business practice standards</i> as needed for OASIS and electronic scheduling including determining which, if any, ESC/OSC and other related industry groups' business practices and standards should be adopted as NAESB standards. Specific items to address include: | | Electronic Scheduling Subcommittee (ESS) |
| i. OASIS Phase IA (a) Adoption of business practices per FERC Order 638, 605, 889 Status: Complete | | ESS |

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



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NORTH AMERICAN ENERGY STANDARDS BOARD

2004 WEQ Annual Plan

Approved by the Board of Directors December 4, 2003

Modified by the WEQ Executive Committee – November 16, 2004

| Item Description | Completion ¹ | Assignment |
|--|-------------------------|---|
| (b) Modify OASIS 1A as needed. | | |
| Status: Underway | | ESS/ITS |
| ii. OASIS Phase II per FERC ANOPR (Docket no. RM00-10-000) and subsequent orders | | |
| 1. Adoption/maintenance of ESC use cases | | ESS/ITS |
| 2. Adoption/maintenance of Functional Requirements Document | | ITS |
| 3. Develop and Maintain business practices to support and implement the ESC use cases | | ESS |
| Status: Underway | | |
| (b) Develop and/or maintain <i>standard communication protocols</i> and cybersecurity requirements as needed, including related industry standard communication protocols and cybersecurity requirements | | Information Technology Subcommittee (ITS) |
| (i) OASIS Phase IA | | |
| (a) Adoption of S&CP version 1.4 | | |
| Status: Complete | | |
| (b) Modify OASIS 1A as needed. | | ESS/ITS |
| Status: Underway | | |
| (ii) OASIS Phase II per FERC ANOPR (Docket no. RM00-10-000) and subsequent orders | | |
| Development of S&CP document | | |
| Status: Underway | | |
| (iii) NERC PKI initiative | | |
| Status: Underway | | |
| 3 Develop business practices standards to Improve the Current Operation of the Wholesale Electric Market | | |
| (a) Develop business practice standards needed to complement or assist specific seams mitigation efforts initiated by or coordinated with the NERC, the IRC, RTOs or ISOs, or other regional entities. | | Seams/Variou s ² |
| Status: Underway (R04016, R04020, R04021) | | |

² The Seams Subcommittee scopes, identifies and defines the standards development work to be done related to the seams catalog. After seams catalog items are assigned to NAESB by the Joint Interface Committee, and the Seams Subcommittee completes its review and analysis, the request, initial review document, scoping document and other work papers are transferred to the appropriate standards development subcommittee.



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NORTH AMERICAN ENERGY STANDARDS BOARD

2004 WEQ Annual Plan

Approved by the Board of Directors December 4, 2003

Modified by the WEQ Executive Committee – November 16, 2004

| Item Description | Completion ¹ | Assignment |
|--|-------------------------|---|
| 4 Determine the need for and develop, if necessary, standard(s) requests for electric or gas standards required to provide additional flexibility in generation scheduling (including gas nominations). | | Gas Electric Coordination Task Force ³ |
| Status: Underway (R04016, R04020, R04021) | | |

PROVISIONAL ITEMS

- 1 Develop standards and model business practices in accordance with FERC orders and rules issued in the SMD docket (RM01-12-000), or pursuant to Order Nos. 888 or 2000, or otherwise directed by the FERC.
- 2 Respond to FERC inquiries pertaining to business practice standard development and keep FERC informed on the nature and effectiveness of coordination activities with other standards setting organizations.
- 3 Develop business practice standards related to FERC's forthcoming generation interconnection orders (large and small generators), in Docket Nos. RM02-01-000 and RM02-12-000.
- 4 FERC Reporting of Electricity Prices
- 5 Develop business practice standards as requested by the regional and state advisory groups.
- 6 Develop electric purchase and sales contract.

³ The Gas Electric Coordination Subcommittee is an ad hoc subcommittee comprised of participation by all four quadrants of NAESB to address the issues outlined in request number R03031, submitted by TVA and amended on November 20, 2003.



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Appendix

Comments Accompanying the Action Items and Provisional Items For the 2004 Annual Plan Adopted by the Executive Committee – October 7, 2003

ACTION ITEMS:

- 1a The original 1(a) from the 2003 plan is implied and 1(b) and 1(c) have been rewritten as a part of this plan: 1(a) Apply NERC/NAESB MOU provisions in reviewing proposed reliability standards for their business practice implications, 1(b) Review existing NERC reliability policies and standards for their business practice implications, 1(c) Review each of the SARs in light of the NERC/NAESB MOU.
- 1b This is a new item that reflects the recent NERC decision to create Transition team. NAESB has been asked to join the Transition Team which is led by Gerry Cauley. NAESB members on the team are Charles Yeung, Rae McQuade and Michael Desselle.
- 2a The Information Technology Subcommittee has been formed and is currently reviewing existing lists of enhancements for OASIS 1A and OASIS 2. A NAESB Electronic Scheduling Subcommittee was created but is inactive awaiting input from the existing ESC industry group
- 2b The PKI request R03007 has been assigned to the NAESB WEQ to be addressed which is a portion of this annual plan item.
- This item also corresponds to the 2003 WEQ Annual Plan item 4(h) Review activities of NERC CIPAG in light of NERC-NAESB MOU regarding cyber security requirements for their business practice and system communication standards implications.
- 3a A seams catalog is under development now and will identify many of the items to be included under this action item. This item was originally numbered item 4 in the 2003 WEQ Annual Plan. Several items were deleted, and will be added back to the plan if they are requested through the comments or meetings on the plan and the requesters indicate a willingness to participate in the standards development effort or in the drafting effort. The items removed from the 2003 plan are: 4(a) Establish a standardized electric trading day; 4(b). Identify and develop business practices on the public dissemination of market information.
- Other items from the 2003 WEQ Annual Plan were reordered and renamed such as: 4(d) Develop business standards as necessary to resolve seams issues between ISOs and RTOs; 4(c) Establish standard business practices relating to: i) Definition and treatment of firm/nonfirm power; ii) Definition and treatment of firm/nonfirm transmission; iii) Provision of reserves for transactions across multiple control areas, 4(e) Develop standards for data requirements, data exchange and scheduling of day-ahead and real-time bilateral markets; and 4(h) Review activities of NERC CIPAG in light of NERC-NAESB MOU regarding cyber security requirements for their business practice and system communication standards implications.
- Some items on the 2003 WEQ Annual Plan were considered assumed in each of the action items, so they were not specifically highlighted as a separate action item, such as : 4(f) Examine business practices and definitions currently in use to determine applicability on a North American basis and 4(g) Catalogue, assess and prioritize existing “standards” that have significant business practice implications.
- 4 This is a new item, not in the 2003 plan. It was added at the August 5 Executive Committee meeting.



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Appendix

Comments Accompanying the Action Items and Provisional Items For the 2004 Annual Plan Adopted by the Executive Committee – October 7, 2003

PROVISIONAL ITEMS:

- 1 These items (originally items 3 and 7 of the 2003 Annual Plan) were reclassified as provisional and will be acted upon as such FERC actions are taken.
- 4 This is a new item, not in the 2003 plan. It was added at the August 5 Executive Committee meeting.
- 5 This is a new item, not in the 2003 plan. It was added at the August 5 Executive Committee meeting.
- 6 There is industry interest, but there is neither consensus to move forward at this time nor may resources be available.

On August 5, several of the WEQ EC members discussed possibly preparing a request that would add an item to the 2004 annual plan to develop a master service agreement. The request was prepared but subsequently withdrawn by the submitter due to an expected lack of resources.



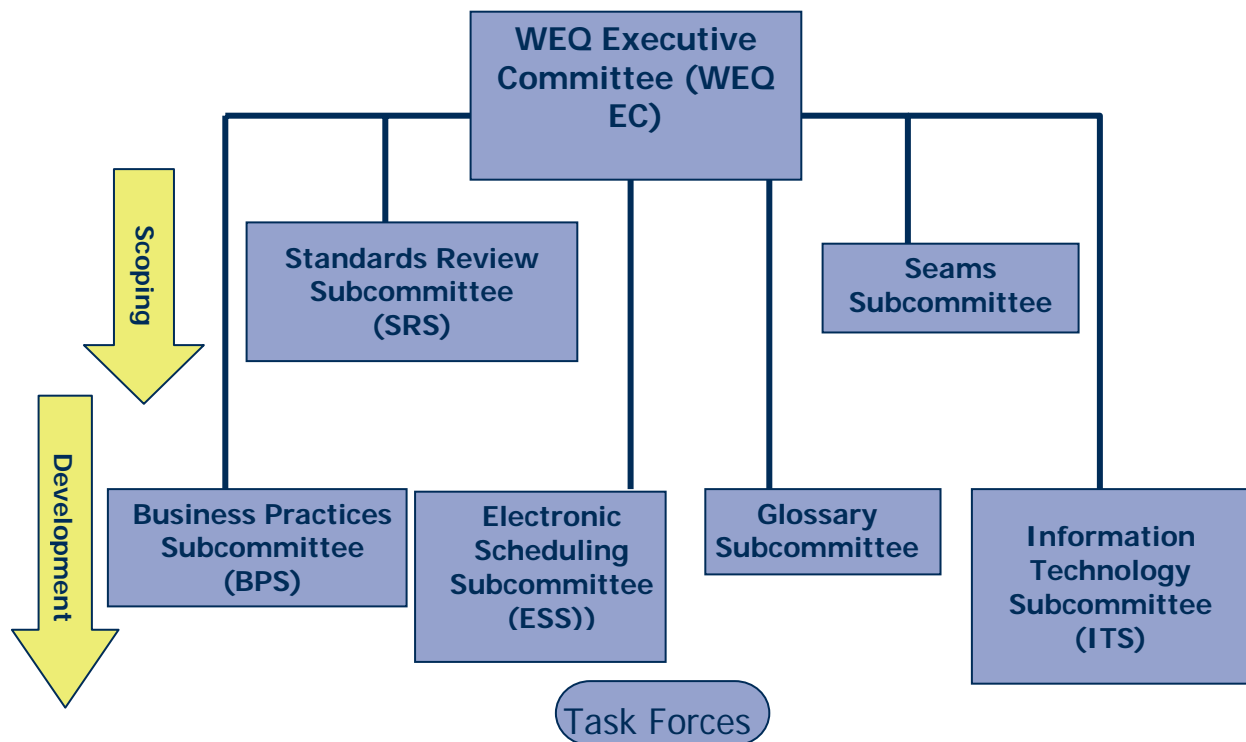
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NAESB Wholesale Electric Quadrant Committee Structure



Subcommittee Leadership is:

Executive Committee: Lou Oberski (WEQ EC Chair) and Steve Cobb (WEQ EC Vice Chair)

Standards Review Subcommittee: Raj Rana

Seams Subcommittee: Steve Cobb and Joe Rossignoli

Business Practices Subcommittee: Bob Goss, Joel Dison, Phil Cox

Electronic Scheduling Subcommittee: Joel Dison, Andy Rodriguez

Glossary Subcommittee: Tony Reed and Sherri Monteith

Information Technology Subcommittee: Monroe Landrum



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NORTH AMERICAN ENERGY STANDARDS BOARD

2004 WGQ Annual Plan Revised by the Executive Committee – November 18, 2004

| Item Description | Completion ¹ | Assignment |
|--|-----------------------------|--|
| Gas-Electric Scheduling Activities | | |
| 1 Status Report on Gas-Electric scheduling coordination issues. Status: Complete | 3 rd Qtr 2004 | Gas-Electric Coordination TF |
| Standards Implementation | | |
| 2 Review and develop necessary standards for FERC Order 2004 (Affiliate Order). Status: Complete | 2 nd Qtr 2004 | Business Practices Subcommittee |
| Electronic Delivery Mechanisms and Related Activities | | |
| 3 Preparation of documents and submission of EDM standards to ANSI for approval as ANSI standards. | 4 th Qtr 2004 | EDM Subcommittee |
| 4 Explore additional possibilities for partnership with the Department of Energy. Sandia Review of security and reliability of NAESB EDM Standards. Status: Pending, Discussion Underway | 4 th Qtr 2004 | EC Officers |
| 5 Review and enhance security standards as required by technological changes. Review security standards as may be deemed necessary, e.g. Public Key Infrastructure (PKI). Status: Pending, Discussion Underway | 4 th Qtr 2004 | EDM Subcommittee WEQ Coordination |
| 6 Review of minimum technical characteristics in Appendices C, D, and E of the EDM Manual. Status: Complete | 3 rd Qtr 2004 | EDM Subcommittee |
| 7 Prepare a common NAESB Electronic Transport (ET) and WGQ Quadrant Electronic Delivery Mechanism (WGQ QEDM) manuals using the version 1.6 NAESB WGQ EDM tab 6 and applicable 4.x.x standards as a base. Status: Pending, Discussion Underway included on 2005 Annual | 4 th Qtr 2004 | EDM Subcommittee |

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



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| Item Description | Completion ¹ | Assignment |
|---|------------------------------|--|
| Plan. | | |
| Gas Quality Activities | | |
| 8 Establish web-based reports for tracking all physical and chemical properties of natural gas defined in pipeline tariffs (R03035, Item A) | 3 rd Qtr. 2004 | Business Practices Subcommittee |
| Status: Complete | | |
| Contracts Activities | | |
| 9 Review and develop ISDA Gas Annex. | 4 th Qtr. 2004 | Contracts Subcommittee |
| Status: Complete | | |
| Provisional Activities² | | |
| Subsequent FERC orders – Docket No. RM 96-1 (Creditworthiness) | | |
| Program of Standards Maintenance & Fully Staffed Standards Work³ | | |
| Business Practice Requests | Ongoing | Assigned by the EC on a request by request basis |
| 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 on a request by request basis |
| Ongoing Interpretations for Clarifying Language Ambiguities | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Maintenance of Code Values and Other Technical Matters | Ongoing | Assigned by the EC on a request by request basis |

² To the extent that it is determined that any of the provisional activities should be worked upon during the year as a result of a specific request for standards development or a FERC action, the Board has the discretion to modify the annual plan. Additionally, provisional activities will remain on the Annual Plan for one year pending the filing of a formal request or a decision to add them to the plan as active items.

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



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- Notes:
- (a) Priority is given to action items that are carry-overs from the 2003 Annual Plan.
 - (b) Any new activity should be preceded by a request from the submitter after which the annual plan will be revisited. The provisional items would only be addressed after a request is submitted or an order is issued by the FERC.



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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹

| Item Number & Description | Completion ² | Assignment |
|---|------------------------------|----------------------------|
| 1 Billing & Payment Datasets and Models Develop datasets and models to support the Billing & Payment model business practices. Status: Pending, Discussion Underway | 1 st Qtr 2004 | Customer Processes |
| 2 Market Participant Interactions Develop model practices to support interactions between Distribution Companies and/or registration agents and Suppliers, such as supplier registration processes, governing documents, and roles and obligations of both Distribution Company and/or registration agent and Supplier (e.g. content and framework of governing documents or orders). Status: Trading Partner Agreement Discussion Underway; Otherwise Complete | 1 st Qtr. 2004 | Supplier-Utility Interface |
| 3 Customer Information Develop practices for exchanging customer information necessary for interactions prior to enrollment and billing, i.e., customer authorization procedures, identifying types of customer information necessary for pre-enrollment activities, and methodologies for exchanging information. | 1 st Qtr. 2004 | Customer Processes |
| 4 Distribution Company – Supplier Disputes Develop dispute resolution procedures applicable to differences between Distribution Companies and Suppliers. Status: Complete | 3 rd Qtr. 2004 | Supplier-Utility Interface |
| 5 Customer Enrollment, Switching & Dropping Develop practices for submitting and receiving, processing and fulfilling a customer's request to enroll with or leave a supplier (including suppliers dropping customers) and for maintaining current customer account information, and for notifying affected parties. | 4 th Qtr. 2005 | Customer Processes |
| 6 Examine Wholesale Gas Quadrant Non-EDM Standards Review NAESB Wholesale Gas Quadrant Non-EDM manuals to determine whether the standards within should be modified and/or adopted for use in the Retail Quadrants. | Ongoing | Supplier-Utility Interface |

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

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



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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹

| Item Number & Description | Completion ² | Assignment |
|---|------------------------------|-------------------------------------|
| 7 Customer Inquiries Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. | 2005 | Customer Processes |
| 8 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. | 2005 | Supplier-Utility Interface |
| 9 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, load profiling, settlement, etc. Issues related to unbundled or competitive metering are not to be considered. | 2005 | Supplier-Utility Interface |
| 10 Load Profiling Develop practices for using statistical methods to estimate interval consumption by customers who do not have interval meters. | 2005 | Supplier-Utility Interface |
| 11 Settlement Process Reconcile energy schedules and energy delivered by suppliers within a given market. Note: will need to be coordinated with the WEQ. | 2005 | Supplier-Utility Interface |
| Technical Electronic Implementation Subcommittee³ | | |
| 12 TEIS Subcommittee Process Establish a subcommittee process for the processing of standards released by other quadrant subcommittees, including interfaces with other subcommittees (e.g. CPS, SUIS, Information Requirements (IR), etc), receipt of standards, completion of required inputs (e.g. data dictionaries, etc), and identification of required outputs (e.g. X12 standards, QEDM book components, etc). Status: Complete | 1 st Qtr. 2004 | Technical Electronic Implementation |
| 13 Technical Electronic Implementation Standards – Billing & Payments Status: Pending, Discussion Underway | 1 st Qtr. 2005 | Technical Electronic Implementation |
| 14 Electronic Transport Work jointly with the WGQ EDM subcommittee and the RGQ TEIS subcommittee to establish standards for the NAESB Internet Electronic Transport. Status: Complete | 2 nd Qtr. 2004 | Technical Electronic Implementation |

³ The TEIS is assigned the completion of any technical work forwarded to them by the business development subcommittees ideally one quarter after receipt of forwarded work.



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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹

| Item Number & Description | Completion ² | Assignment |
|---|------------------------------|--|
| 15 Quadrant EDM Work jointly with the WGQ and RGQ to establish a common format for Quadrant-specific EDM (QEDM) Books. Status: Complete | 4 th Qtr. 2004 | Technical Electronic Implementation |
| 16 Technical Electronic Implementation Standards – Customer Enrollment and Switching Status: Dependent on completion of Item 5 | 2005 | Technical Electronic Implementation |
| 17 Technical Electronic Implementation Standards – Metering Status: Dependent on completion of Item 9 | 2005 | Technical Electronic Implementation |
| 18 Technical Electronic Implementation Standards – Load Profiling Status: Dependent on completion of Item 10 | 2005 | Technical Electronic Implementation |
| 19 Technical Electronic Implementation Standards – Customer Information Status: Dependent on completion of Item 3 | 2005 | Technical Electronic Implementation |
| Gas-Electric Scheduling Activities | | |
| 20 Status Report on Gas-Electric scheduling coordination issues. Status: Complete | 3 rd Qtr. 2004 | Gas-Electric Coordination TF |
| Provisional Activities | | |
| Review security standards as may be deemed necessary; Public Key Infrastructure (PKI). | | |
| “Energy Day” Standard - including assessment of changes to existing NAESB standards. | | |
| Program of Standards Maintenance & Fully Staffed Standards Work⁴ | | |
| Business Practice Requests | Ongoing | Assigned by the EC on a request by request basis |
| Information Requirements and Technical Mapping of Business Practices | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Interpretations for Clarifying Language Ambiguities | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Maintenance of Code Values and Other Technical Matters | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Development and Maintenance of Definitions | Ongoing | Glossary Subcommittee |

⁴ This work is considered routine maintenance and thus the items are not separately numbered.



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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 ANNUAL PLAN – RETAIL GAS QUADRANT¹

| Item Number & Description | Completion ² | Subcommittee Assignment |
|---|------------------------------|----------------------------|
| 1 Billing & Payment Datasets and Models Develop datasets and models to support the Billing & Payment model business practices. Status: Pending, Discussion Underway | 1 st Qtr 2005 | Customer Processes |
| 2 Market Participant Interactions Develop model practices to support interactions between Distribution Companies and/or registration agents and Suppliers, such as supplier registration processes, governing documents, and roles and obligations of both Distribution Company and/or registration agent and Supplier (e.g. content and framework of governing documents or orders). Status: Trading Partner Agreement Discussion Underway; Otherwise Complete | 1 st Qtr. 2005 | Supplier-Utility Interface |
| 3 Customer Information Develop practices for exchanging customer information necessary for interactions prior to enrollment and billing, i.e., customer authorization procedures identifying types of customer information necessary for pre-enrollment activities, and methodologies for exchanging information. | 1 st Qtr. 2005 | Customer Processes |
| 4 Distribution Company – Supplier Disputes Develop dispute resolution procedures applicable to differences between Distribution Companies and Suppliers. Status: Complete | 3 rd Qtr. 2004 | Supplier-Utility Interface |
| 5 Customer Enrollment, Switching & Dropping Develop practices for submitting and receiving, processing and fulfilling a customer's request to enroll with or leave a supplier (including suppliers dropping customers) and for maintaining current customer account information, and for notifying affected parties. | 4 th Qtr. 2005 | Customer Processes |
| 6 Examine Wholesale Gas Quadrant Non-EDM Standards Review NAESB Wholesale Gas Quadrant Non-EDM manuals to determine whether the standards within should be modified and/or adopted for use in the Retail Quadrants. | Ongoing | Supplier-Utility Interface |
| 7 Customer Inquiries Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. | 2005 | Customer Processes |

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

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



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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 ANNUAL PLAN – RETAIL GAS QUADRANT¹

| Item Number & Description | Completion ² | Subcommittee Assignment |
|---|----------------------------------|---|
| 8 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. | 2005 | Supplier-Utility Interface |
| Retail Gas Business Practice Inventory Task Force | | |
| 9 Inventory Existing Natural Gas Practices within States ³ Conduct inventory of existing natural gas practices in various states. Status: Underway | | Retail Gas Business Practice Inventory Task Force |
| Technical Electronic Implementation Subcommittee⁴ | | |
| 10 TEIS Subcommittee Process Establish a subcommittee process for the processing of standards released by other quadrant subcommittees, including interfaces with other subcommittees (e.g. CPS, SUIS, Information Requirements (IR), etc), receipt of standards, completion of required inputs (e.g. data dictionaries, etc), and identification of required outputs (e.g. X12 standards, QEDM book components, etc). Status: Complete | 1 st Qtr. 2004 | Technical Electronic Implementation |
| 11 Technical Electronic Implementation Standards – Billing & Payments Status: Pending, Discussion Underway | 1 st Qtr. 2005 | Technical Electronic Implementation |
| 12 Electronic Transport Work jointly with the WGQ EDM subcommittee and the RGQ TEIS subcommittee to establish standards for the NAESB Internet Electronic Transport. Status: Complete | 2 nd Qtr. 2004 | Technical Electronic Implementation |
| 13 Quadrant EDM Work jointly with the WGQ and RGQ to establish a common format for Quadrant-specific EDM (QEDM) Books. Status: Complete | 4 th Qtr. 2004 | Technical Electronic Implementation |

³ This is an ongoing item designed to serve as a resource to other RGQ subcommittees.

⁴ The TEIS is assigned the completion of any technical work forwarded to them by the business development subcommittees ideally one quarter after receipt of forwarded work.



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NORTH AMERICAN ENERGY STANDARDS BOARD 2004 ANNUAL PLAN – RETAIL GAS QUADRANT¹

| Item Number & Description | Completion ² | Subcommittee Assignment |
|---|-------------------------|---|
| 14 Technical Electronic Implementation Standards – Customer Enrollment and Switching Status: Dependent on completion of Item 5 | 2005 | Technical Electronic Implementation |
| 15 Technical Electronic Implementation Standards – Customer Information Status: Dependent on completion of Item 3 | 2005 | Technical Electronic Implementation |



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Gas-Electric Scheduling Activities

| | | | |
|----|---|----------------------|------------------------------|
| 16 | Status Report on Gas-Electric scheduling coordination issues. | 3 rd Qtr. | Gas-Electric Coordination |
| | Status: Complete | 2004 | TF |

Provisional Activities

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

"Energy Day" Standard - including assessment of changes to existing NAESB standards.

Program of Standards Maintenance & Fully Staffed Standards Work⁵

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

⁵ This work is considered routine maintenance and thus the items are not separately numbered.

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 5

2005 ANNUAL PLANS

This section includes:

- Four proposed quadrant annual plans for 2005.
- A Board Resolution for adoption of the four annual plans.

The material presented is background information for the discussion of agenda item 3.

Each of the quadrants' Executive Committee leadership will discuss the proposed annual plans for 2005.

The Board will be asked to vote to adopt the annual plans. And board resolution is provided for the vote.



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NORTH AMERICAN ENERGY STANDARDS BOARD

Proposed 2005 WEQ Annual Plan Drafted by the WEQ Executive Committee – November 16, 2004

Highlighted Items are already underway and carryovers from 2004 or have already been reviewed and triaged to the WEQ

| Item Description | Completion ¹ | Assignment |
|--|-------------------------|---------------------------------|
| 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). Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are: | | Business Practices Subcommittee |
| a) Develop Inadvertent Interchange Payback Business Practices (2003 WEQ Annual Plan Item 6) | 2005 | |
| b) Develop business practices to support Coordinate Interchange – update already adopted version 1 to reflect version 1 NERC CI (R03013) | 2005 | |
| c) –Develop business practice standards to support Operate Within Limits (R03017) | | |
| d) Develop business practices to support the reliability components of TLR | 2005 | |
| e) Make version 1 changes to business practices related to functional model entities as NERC undertakes the same efforts, (Interchange Authority, Reliability Authority, Transmission Service Provider and Purchasing-Selling Entity for Interchange Market Operator for Interchange). | | |
| f) Catalogue, prioritize, and develop enhancements to "Version 0" business practices and/or develop new business practices as identified in the Version 0 development process (i.e. meeting minutes) and comment periods. | | |
| g) Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC). | | |
| h) Develop jointly with NERC a Joint NERC/NAESB Operating training manual. | | |
| 2 Develop business practice standards for Version 1 to support ATC calculations | | |
| a) Review Version 0 NERC reliability standards and comments regarding ATC calculations to determine if business practice standards are needed for NAESB Version 1. Develop business practices if needed. | | |
| b) Develop version 1 business practice standards to better coordinate the use of the transmission system among neighboring transmission | | |

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



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Proposed 2005 WEQ Annual Plan Drafted by the WEQ Executive Committee – November 16, 2004

Highlighted Items are already underway and carryovers from 2004 or have already been reviewed and triaged to the WEQ

| Item Description | Completion ¹ | Assignment |
|---|-------------------------|--|
| <p>providers. Such business practice standards may be based on recommendations from NERC's Long Term ATC/AFC Task Force and could involve revised procedures for the ATC calculation and/or revised protocols for coordination between neighboring transmission providers and/or amendments to existing TLR procedures.</p> | | |
| <p>3 Develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</p> | | |
| <p>a) Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling including determining which, if any, ESC/OSC and other related industry groups' business practices and standards should be adopted as NAESB standards. Specific items to address include:</p> | 2005 | Electronic Scheduling Subcommittee (ESS) and Information Technology Subcommittee (ITS) |
| <p>i. Ongoing maintenance and enhancement of OASIS Phase IA Business Practices and S&CP, including but not limited to:</p> | | |
| <p>1) Clarification of definitions and terminology in OASIS Business Practices (R04006E, to be received by yearend)</p> | | |
| <p>2) Business Practices for the resale or reassignment of transmission service (R04006D)</p> | | |
| <p>3) Implementation of "release" mechanism in the OASIS S&CP to complement non-firm redirects (R04006G, to be received by yearend)</p> | | |
| <p>4) Registry: determine if business practice standards or other support is needed to support use of OASIS for Network Service transactions.</p> | | |
| <p>5) Network Services: determine if business practice standards are needed to support the registry functions currently supported by NERC.</p> | | |
| <p>ii. OASIS Phase II per FERC ANOPR (Docket no. RM00-10-000) and subsequent orders:</p> | 2006 | Electronic Scheduling Subcommittee (ESS) and Information Technology Subcommittee (ITS) |
| <p>1) Adoption/maintenance of ESC use cases (R04007)</p> | | |
| <p>2) Adoption/maintenance of Functional Requirements Document (R04007)</p> | | |
| <p>3) Develop and maintain business practices to support and implement the ESC use cases (R04007)</p> | | |
| <p>4) PKI Initiative (e-MARC) (R03007)</p> | | |
| <p>b) Develop and/or maintain standard communication protocols and cyber-security requirements as needed, including related industry standard communication protocols and cyber-security requirements</p> | 2006 | Information Technology Subcommittee (ITS) |
| <p>i. OASIS Phase II per FERC ANOPR (Docket no. RM00-10-000) and subsequent orders (R04007)</p> | | |



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NORTH AMERICAN ENERGY STANDARDS BOARD

Proposed 2005 WEQ Annual Plan Drafted by the WEQ Executive Committee – November 16, 2004

Highlighted Items are already underway and carryovers from 2004 or have already been reviewed and triaged to the WEQ

| Item Description | Completion ¹ | Assignment |
|--|-------------------------|--|
| <ul style="list-style-type: none"> ii. Develop companion business practices to NERC's Cyber Standard (1300), and specifically review section 1303-Personnel & Training to determine if business practices are needed. c) Develop business practices as needed for clarification of definitions and terminology in the Standards of Conduct. d) Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers. | | |
| <p>4 Develop business practices standards to Improve the Current Operation of the wholesale electric market</p> | | |
| <p>a) Evaluate the entries on the seams catalog, determine the need for business practice standards and draft the standards requests to develop business practice standards to complement or assist specific seams mitigation efforts as noted in the seams catalog.</p> | Ongoing | Seams Subcommittee and others |
| <p>b) Develop business practice standards according to approved and assigned standards requests that complement or assist specific seams mitigation efforts as noted in the seams catalog.</p> | | |
| <p>c) Develop business practices to support WECC Tag Definitions (R04032)</p> | | Business Practices Subcommittee |
| <p>5 Determine the need for and develop, if necessary, business practice standards supportive of the Gas-Electric Coordination Report</p> | | |
| <p>a) Evaluate and develop business practice standards for Energy Day (R04016)</p> | | Business Practices Subcommittee and others |
| <p>b) Evaluate and develop business practice standards for electric scheduling timelines (R04020).</p> | | |
| <p>c) Evaluate and develop business practice standards for communications between entities representing gas-fired power generators and the pipelines serving them (R04021)</p> | | |

PROVISIONAL ITEMS

- 1 Develop business practice standards as requested by the regional and state advisory groups.
- 2 Using the NERC Interconnected Operations Services reference document (March 2002, version 1.1) as a guide and starting point, develop business practices as necessary for ancillary services and/or interconnected operating services transactions.



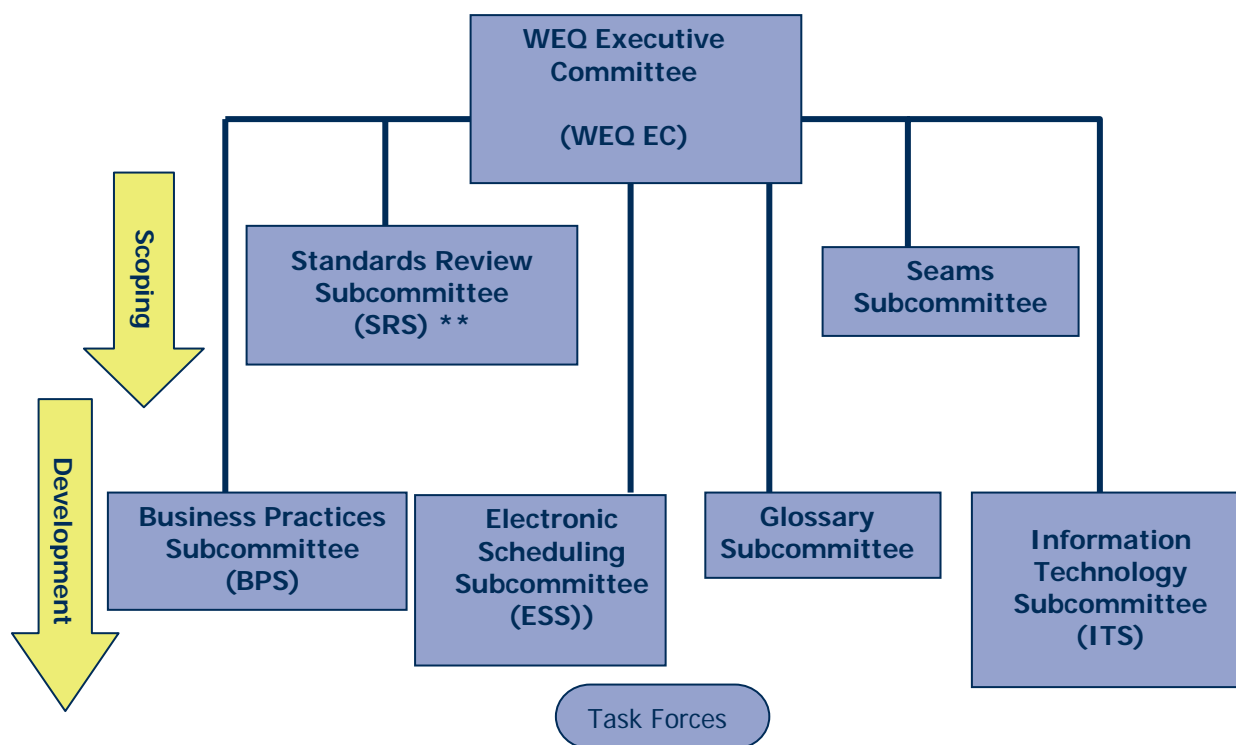
North American Energy Standards Board

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NAESB Wholesale Electric Quadrant Committee Structure



NAESB WEQ EC and Leadership is:

Executive Committee: Lou Oberski (WEQ EC Chair) and Steve Cobb (WEQ EC Vice Chair)

Standards Review Subcommittee: Raj Rana

Seams Subcommittee: Steve Cobb and Joe Rossignoli

Business Practices Subcommittee: Phil Cox, John Powers and Joel Dison

Electronic Scheduling Subcommittee: Joel Dison and Andy Rodriguez

Glossary Subcommittee: Tony Reed and Sherri Monteith

Information Technology Subcommittee: Monroe Landrum

** Please note that the NERC Markets Committee may be reconstituted in 2005 and the efforts undertaken by the Standards Review Subcommittee would be assumed by the individual NAESB Subcommittees, with the coordination with NERC addressed through the reconstituted NERC Markets Committee functions. If so, the Standards Review Subcommittee would no longer exist.

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NORTH AMERICAN ENERGY STANDARDS BOARD

2005 DRAFT WGQ Annual Plan

Approved by the Executive Committee – November 18, 2004

| Item Description | Completion ¹ | Assignment |
|--|------------------------------|-----------------------------|
| Gas-Electric Activities | | |
| 1 Development of standards regarding an Energy Day (R04016) Status: | 4 th Qtr. 2005 | BPS (joint with WEQ BPS) |
| 2 Development of standards regarding daily operational communications between natural gas pipelines and gas fired electrical generators (R04021) Status: | 4 th Qtr. 2005 | BPS (joint with WEQ BPS) |
| Electronic Delivery Mechanisms and Related Activities | | |
| 3 Prepare a common NAESB Electronic Transport (ET) and WGQ Quadrant Electronic Delivery Mechanism (WGQ QEDM) manuals using the version 1.6 NAESB WGQ EDM tab 6 and applicable 4.x.x standards as a base. Status: Pending, Discussion Underway | 1 st Qtr. 2005 | EDM Subcommittee |
| 4 Review of minimum technical characteristics in Appendices C, D, and E of the EDM Manual. Status: | 2 nd Qtr. 2005 | EDM Subcommittee |
| 5 Review and enhance security standards as required by technological changes. Review security standards as may be deemed necessary, e.g. Public Key Infrastructure (PKI). Status: Pending WEQ ITS/ESS outcome | 3 rd Qtr. 2005 | EDM Subcommittee |
| 6 Explore additional possibilities for partnership with the Department of Energy. Sandia Review of security and reliability of NAESB EDM Standards. Status: Pending, Discussion Underway | 3 rd Qtr. 2005 | EC Officers |

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

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- | | | | |
|---|--|------------------------------|---------------------|
| 7 | Preparation of documents and submission of EDM standards to ANSI for approval as ANSI standards. | 4 th Qtr. 2005 | EDM Subcommittee |
|---|--|------------------------------|---------------------|

Status: Pending completion of item 6

Contracts Activities

- | | | | |
|---|---|------------------------------|---------------------------|
| 8 | Review and develop a Canadian Supplement to the ISDA Gas Annex. (R#_____) | 1 st Qtr. 2005 | Contracts Subcommittee |
| 9 | Review and develop modifications to the NAESB Base Contract for Sale and Purchase of Natural Gas (R04028) | 2 nd Qtr. | Contracts Subcommittee |

Provisional Activities²

Subsequent FERC orders – Docket No. RM 96-1 (Creditworthiness)

FERC rulemaking orders on Gas Quality

FERC rulemaking orders – Docket No. AD 04-10 (Storage Reporting)

Program of Standards Maintenance & Fully Staffed Standards Work³

- | | | |
|---|---------|--|
| Business Practice Requests | Ongoing | Assigned by the EC on a request by request basis |
| 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 on a request by request basis |
| Ongoing Interpretations for Clarifying Language Ambiguities | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Maintenance of Code Values and Other Technical Matters | Ongoing | Assigned by the EC on a request by |

² To the extent that it is determined that any of the provisional activities should be worked upon during the year as a result of a specific request for standards development or a FERC action, the Board has the discretion to modify the annual plan. Additionally, provisional activities will remain on the Annual Plan for one year pending the filing of a formal request or a decision to add them to the plan as active items.

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

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request basis

- Notes:
- (a) Priority is given to action items that are carry-overs from the 2004 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
 2005 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹**

| Item Number & Description | Completion ² | Assignment ³ |
|--|------------------------------|-------------------------|
| 1 Billing & Payment Datasets and Models | | |
| a. Develop the Data Sets for the Billing & Payments MBPs Status: Pending, Discussion Underway | 1 st Qtr 2005 | CPS/BPS |
| b. Modify Billing & Payments MBPs pursuant to Request R03034. | 1 st Qtr 2005 | CPS/BPS |
| c. Develop the Data Sets for the Billing & Payments MBPs Status: Pending, Discussion Underway | 1 st Qtr 2005 | IR |
| d. Technical Electronic Implementation Standards – Billing & Payments Status: Pending, Discussion Underway | 2 nd Qtr 2005 | TEIS |
| 2 Market Participant Interactions | 1 st Qtr. 2005 | SUIS/BPS |
| Develop model practices to support interactions between Distribution Companies and/or registration agents and Suppliers, such as supplier registration processes, governing documents, and roles and obligations of both Distribution Company and/or registration agent and Supplier (e.g. content and framework of governing documents or orders). Status: Trading Partner Agreement Discussion Underway; Otherwise Complete | | |
| 3 Customer Information | 1 st Qtr. 2005 | BPS |
| Develop practices for exchanging customer information necessary for interactions prior to enrollment and billing, i.e., customer authorization procedures, identifying types of customer information necessary for pre-enrollment activities, and methodologies for exchanging information. | | |
| 4 Customer Enrollment, Switching & Dropping | 4 th Qtr. 2005 | BPS |
| Develop practices for submitting and receiving, processing and fulfilling a customer's request to enroll with or leave a supplier (including suppliers dropping customers) and for maintaining current customer account information, and for notifying affected parties. | | |

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

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

³ Assignments are subject to approval of the proposal to restructure the subcommittees.

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2005 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹**

| Item Number & Description | Completion ² | Assignment ³ |
|---|------------------------------|---|
| 5 Examine Wholesale Gas Quadrant Non-EDM Standards Review NAESB Wholesale Gas Quadrant Non-EDM manuals to determine whether the standards within should be modified and/or adopted for use in the Retail Quadrants. | Ongoing | BPS |
| Technical Electronic Implementation Subcommittee⁴ | | |
| 6 Quadrant EDM Establish the Quadrant specific EDM (QEDM) standards for REQ and RGQ. Status: Pending, Discussion Underway | 1 st Qtr. 2005 | Technical Electronic Implementation |
| Provisional Activities | | |
| Review security standards as may be deemed necessary; Public Key Infrastructure (PKI). | | |
| "Energy Day" Standard - including assessment of changes to existing NAESB standards. | | |
| Electronic Customer Billing - Develop practices for the provision electronically of billing information. | | |
| Future Activities | | |
| Customer Inquiries Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. | TBD | |
| 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. | TBD | |
| 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, load profiling, settlement, etc. Issues related to unbundled or competitive metering are not to be considered. | TBD | |
| Load Profiling Develop practices for using statistical methods to estimate interval consumption by customers who do not have interval meters. | TBD | |
| Settlement Process Reconcile energy schedules and energy delivered by suppliers within a given market. Note: will need to be coordinated with the WEQ. | TBD | |
| Program of Standards Maintenance & Fully Staffed Standards Work⁵ | | |
| Business Practice Requests | Ongoing | Assigned by |

⁴ The TEIS is assigned the completion of any technical work forwarded to them by the business development subcommittees ideally one quarter after receipt of forwarded work.

⁵ This work is considered routine maintenance and thus the items are not separately numbered.

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North American Energy Standards Board

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NORTH AMERICAN ENERGY STANDARDS BOARD 2005 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹

| Item Number & Description | Completion ² | Assignment ³ |
|--|-------------------------|--|
| | | the EC on a request by request basis |
| Information Requirements and Technical Mapping of Business Practices | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Interpretations for Clarifying Language Ambiguities | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Maintenance of Code Values and Other Technical Matters | Ongoing | Assigned by the EC on a request by request basis |
| Ongoing Development and Maintenance of Definitions | Ongoing | Glossary Subcommittee |

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2005 ANNUAL PLAN – RETAIL GAS QUADRANT¹**

| Item Number & Description | Completion ² | Subcommittee ³ Assignment |
|---|------------------------------|---|
| 1 Billing & Payment Datasets and Models | | CPS/BPS |
| a. Develop the Data Sets for the Billing & Payments MBPs Status: Pending, Discussion Underway | 1 st Qtr 2005 | CPS/BPS |
| b. Modify Billing & Payments MBPs pursuant to Request R03034. | 1 st Qtr 2005 | CPS/BPS |
| c. Develop the Data Sets for the Billing & Payments MBPs Status: Pending, Discussion Underway | 1 st Qtr 2005 | IR |
| d. Technical Electronic Implementation Standards – Billing & Payments Status: Pending, Discussion Underway | 2 nd Qtr 2005 | TEIS |
| 2 Market Participant Interactions Develop model practices to support interactions between Distribution Companies and/or registration agents and Suppliers, such as supplier registration processes, governing documents, and roles and obligations of both Distribution Company and/or registration agent and Supplier (e.g. content and framework of governing documents or orders). Status: Trading Partner Agreement Discussion Underway; Otherwise Complete | 1 st Qtr. 2005 | SUIS/BPS |
| 3 Customer Information Develop practices for exchanging customer information necessary for interactions prior to enrollment and billing, i.e., customer authorization procedures identifying types of customer information necessary for pre-enrollment activities, and methodologies for exchanging information. | 1 st Qtr. 2005 | BPS |
| 4 Customer Enrollment, Switching & Dropping Develop practices for submitting and receiving, processing and fulfilling a customer's request to enroll with or leave a supplier (including suppliers dropping customers) and for maintaining current customer account information, and for notifying affected parties. | 4 th Qtr. 2005 | BPS |
| 5 Examine Wholesale Gas Quadrant Non-EDM Standards Review NAESB Wholesale Gas Quadrant Non-EDM manuals to determine whether the standards within should be modified and/or adopted for use in the Retail Quadrants. | 4 th Qtr. 2005 | BPS |

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

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

³ Assignments are subject to approval of the proposal to restructure the subcommittees.

**NORTH AMERICAN ENERGY STANDARDS BOARD
 2005 ANNUAL PLAN – RETAIL GAS QUADRANT¹**

| Item Number & Description | Completion ² | Subcommittee ³ Assignment |
|---|----------------------------------|---|
| Technical Electronic Implementation Subcommittee⁴ | | |
| 6 Quadrant EDM Establish the Quadrant specific EDM (QEDM) standards for REQ and RGQ. Status: Pending, Discussion Underway | 1 st Qtr. 2005 | Technical Electronic Implementation |
| Provisional Activities | | |
| Review security standards as may be deemed necessary; Public Key Infrastructure (PKI). | | |
| "Energy Day" Standard - including assessment of changes to existing NAESB standards. | | |
| Electronic Customer Billing - Develop practices for the provision electronically of billing information. | | |
| Future Activities | | |
| Customer Inquiries Develop procedures for responding to customer inquiries directed to Distributors and/or Suppliers and for notification of the other party. | TBD | |
| 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. | TBD | |
| 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, load profiling, settlement, etc. Issues related to unbundled or competitive metering are not to be considered. | TBD | |
| Load Profiling Develop practices for using statistical methods to estimate interval consumption by customers who do not have interval meters. | TBD | |
| Settlement Process Reconcile energy schedules and energy delivered by suppliers within a given market. Note: | TBD | |

⁴ The TEIS is assigned the completion of any technical work forwarded to them by the business development subcommittees ideally one quarter after receipt of forwarded work.

will need to be coordinated with the WEQ.

Program of Standards Maintenance & Fully Staffed Standards Work⁵

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

⁵ This work is considered routine maintenance and thus the items are not separately numbered.

NORTH AMERICAN ENERGY STANDARDS BOARD

Resolution Regarding Approval of Proposed 2005 Annual Plans for Wholesale Gas, Wholesale
Electric, Retail Gas and Retail Electric Quadrants

WHEREAS, under the guidance of each Quadrant Executive Committee the proposed
2005 Annual Plans were developed,

WHEREAS, each Quadrant Executive Committee approved its annual plan for 2005 and
presents them to the Board for approval, and

WHEREAS, under Article III, Section 4 of the Certificate of Incorporation of NAESB
requires that the Annual Plan(s) of the organization be approved by the Board of Directors;

NOW, THEREFORE BE IT:

RESOLVED, that the Board of Directors of NAESB approves the Annual Plans of each
of the four Quadrants for 2005.

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 6

EXECUTIVE DIRECTOR'S REPORT

This section includes:

- The Executive Director's report
- The NAESB membership report and statistics.

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

Rae McQuade will review this information as an update to the Board. No action is requested of the Board.



North American Energy Standards Board

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EXECUTIVE DIRECTOR'S REPORT

DECEMBER 9, 2004

Monthly Update Calls – “At A Glance”

We have held several “At A Glance” conference calls with the attendance of several state commissions and federal agencies, and many of our own members. Because of the limited ability of state commission staff traveling to meetings, these one hour conference calls has provided a venue for NAESB-NARUC-Federal Agency communication on our current and planned activities. The calls are held monthly, on the third Thursday of each month at 2:00 pm Eastern. Anyone can call in to these one-hour updates, and there is no charge for the call. We are scheduled for our next call on December 15. The leaders of the “At A Glance” calls (Diane Barney (NY), Lou Ann Westerfield (ID), and Tom Pearce (OH)) work with our office to set the agenda for the calls. The dates for 2005 can be accessed from our web site (Web site page address: http://www.naesb.org/monthly_update.asp).

Membership Report

The membership report is attached. Our membership began the year at 359. It has declined to 316 as of November. While we have seen no decline in participation (actually our attendance has seen a 25% increase at meetings and conference calls), the companies that have declined to renew their memberships have cited cutbacks in their companies and lack of priority. Most of these companies though do still participate. With the implementation of final actions that will become standards when published, the areas of the web site will be protected with passwords for free access by members and as a fee to access for non-members. The actions taken by the Resources Committee are beginning to bring new members in, which would be reflected in December numbers and we are also seeing interest pick up as we conclude our version 0 efforts.

Filings with the FERC

Since the last Board meeting, three reports were forwarded to the FERC. On October 1, an errata was filed with the FERC regarding wholesale gas quadrant standards (WGQ) version 1.7, which were provided to the FERC on April 13 of this year. The errata addressed minor corrections, which remove the table of code values for Bidder Affiliate from NAESB WGQ Standard 5.4.13 and correct the Transaction Status Code data element in the Code Values Dictionary of NAESB WGQ Standard 1.4.2.

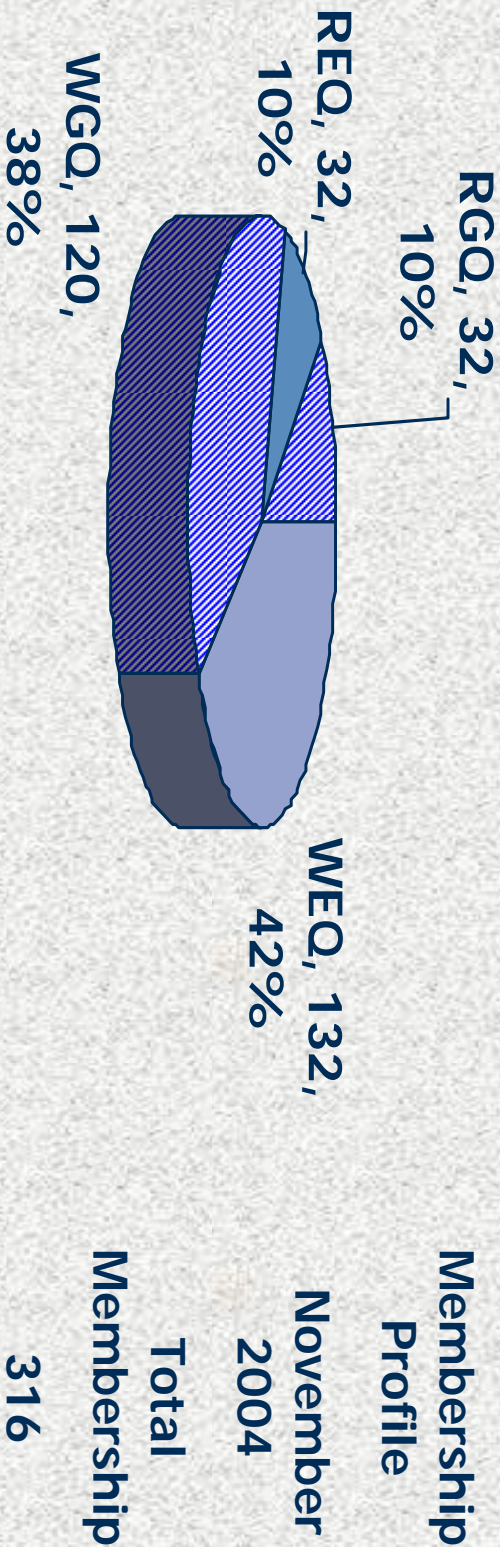
On November 1, we provided a report to the FERC regarding gas quality reporting standards for the WGQ. The standards that were adopted by NAESB through member ratification on October 20 and will be included in the version 1.8 publication. The standards included one modification to an existing standard, the creation of a new principle and the creation of four new standards.

On November 30, we provided a report to the FERC regarding the Gas – Electric Coordination Task Force efforts. It included the report from the task force, an appendix that listed possible impacts to coordination, comments received, and three requests related to the effort (R04016 – energy day, R04020 – electric scheduling timelines, R04021 – communications between generating facilities and pipelines).

Filings with the Department of Justice

On September 17, NAESB provided a report to the Department of Justice regarding the Standards Developing Organizations Advancement Act (SDOAA). The filing was comprised of responses to several questions including our scope of activity and principal place of business, and documents showing the nature and our scope of activity. The act extends limited liability coverage already provided to universities and non-profit research organizations to the standards development organizations who apply as we have done and are accepted.

North American Energy Standards Board 12/1/04



| Quadrant Statistics | WEO | WGO | REO | RGO | Total |
|---------------------|-----|-----|-----|-----|-------|
| Membership YE 2003 | 157 | 121 | 42 | 39 | 359 |
| Net Change | -25 | -1 | -10 | -7 | -43 |
| Membership YTD | 132 | 120 | 32 | 32 | 316 |

NAESB Membership Report
Quadrant and Segment Analysis

| Quadrant/Segment Membership Analysis | | Number of Members |
|--------------------------------------|----------------|-------------------|
| WGQ Segments | Total | 120 |
| | End Users | 18 |
| | Distributors | 23 |
| | Pipelines | 39 |
| | Producers | 12 |
| | Services | 28 |
| REQ Segments | TOTAL | 32 |
| | End Users | 4 |
| | Distributors | 16 |
| | Services | 6 |
| | Suppliers | 6 |
| RGQ Segments | TOTAL | 32 |
| | End Users | 4 |
| | Distributors | 14 |
| | Services | 7 |
| | Suppliers | 7 |
| WEQ Segments | TOTAL | 132 |
| | End Users | 11 |
| | Distributors | 23 |
| | Transmission | 40 |
| | Generation | 30 |
| | Marketers | 24 |
| | None Specified | 4 |

NAESB Membership Statistics – Changes by Quadrant for 2004 as of December 1, 2004

| | |
|-----|--|
| WEQ | <p>New Members: 5</p> <p style="padding-left: 20px;"><i>TransElect, International Transmission Company, Sacramento Municipal Utility District, First Energy Solutions Corp., Navigant Consulting, Inc.</i></p> <p>Member Resignations: 30</p> <p style="padding-left: 20px;"><i>ConEd (Distribution), ConEd (Transmission), Exelon Energy Delivery, SRP (Generation), SRP (Marketer), Reliant Energy Power Generation, Arizona Residential Utility Consumer Office, Texas Public Utility Commission, TransLink, Reliant Energy Services, Praxair, PG&E National Energy Group, Detroit Edison, Progress Energy (Distribution), Progress Energy (Generation), Public Utility District No. 1 of Chelan County (Marketer), Center Point Energy (Transmission), Exelon Generation Company LLC (Generation), El Paso Corporation (Generation), El Paso Merchant Energy (Marketer), NRG Power Marketing, Inc. (Generation), Baltimore Gas & Electric Company (Transmission), BP Energy, Co. (Marketer), Duke Energy North America (Marketer), Maryland People’s Counsel (End User), Tri-State Generation and Transmission (Marketer), PacifiCorp (Distribution), Seminole Electric Cooperative (Transmission), PPM Energy, Inc. (Generation), PPM Energy, Inc. (Marketer)</i></p> |
| WGQ | <p>New Members: 8</p> <p style="padding-left: 20px;"><i>Barclays Bank, ConocoPhillips, Pemex, SoCal Edison, SolArc, Constellation Power Source, Inc., Promet Energy Partners, LLC, Chandeleur Pipe Line Co.</i></p> <p>Member Resignations: 9</p> <p style="padding-left: 20px;"><i>AIG Energy Trading, Midland Cogeneration, Aquila Energy, Ocean Energy, The Energy Authority, Hatch Associates Limited, ECOM Elite Computer Consultants, DTE Energy Trading, Inc., PPM Energy, Inc.</i></p> |
| REQ | <p>New Members: 1</p> <p style="padding-left: 20px;"><i>Direct Energy Business Services</i></p> <p>Member Resignations: 11</p> <p style="padding-left: 20px;"><i>LCEC, Wisconsin Electric, Energy East Management Company, American Electric Power, 8760, Distribution Control System, Inc., Tractebel Energy Services, Inc., Duke Power, SchlumbergerSema, Cinergy Services, Green Mountain Energy</i></p> |
| RGQ | <p>New Members: 0</p> <p>Member Resignations: 7</p> <p style="padding-left: 20px;"><i>Energy East Management Company, PMO Link, New Science Partners, TCU Energy Retail, Southern Gas Corporation, Washington Gas Light Company, Stand Energy Corporation</i></p> |

North American Energy Standards Board Membership Report
As of November 30, 2004

| | | |
|-------|----------------------|----|
| TOTAL | New Members | 14 |
| | Member Resignations: | 57 |

North American Energy Standards Board Membership Report
As of November 30, 2004

North American Energy Standards Board Membership List as of December 1, 2004

| Quadrant | | Organization | Segment | Contact | Sub-Segment |
|----------------------------------|----|---|---------|--|-------------|
| Retail Electric Quadrant: | 1 | Alabama Power | d | Judy W. Ray, Yvette Camp | |
| | 2 | Ameren Services Company | d | Patrick Eynon | |
| | 3 | Baltimore Gas & Electric Co. | d | Ruth Kiselewich, John Magwood | |
| | 4 | Calpine Energy Services, LP | su | Janet Dixon | |
| | 5 | Cinergy Services, Inc. | d | Paul K. Jett | |
| | 6 | Consolidated Edison Company of NY | d | Hollis Krieger | |
| | 7 | Defense Energy Support Center | e | Lisa Robert | |
| | 8 | Detroit Edison Company | d | William J. Newbold, Jr. | |
| | 9 | Direct Energy Business Services | su | David Booty | |
| | 10 | Dominion Retail | su | William Barkas, Richard Zelenko | |
| | 11 | Dominion Virginia Power | d | David F. Koogler, Mary Edwards | |
| | 12 | EC Power International | s | Judy Bailey, J. Cade Burks | |
| | 13 | Electric America | su | Joseph C. Macek III | |
| | 14 | Electric Reliability Council of Texas (ERCOT) | s | Sam R. Jones, Rob Connell, Ray Giuliani | |
| | 15 | Exelon Energy Delivery | d | Bill Walsh | |
| | 16 | Foley & Lardner | s | Bryan S. Anderson | |
| | 17 | Georgia Power Company | d | Michael Garrett, Yvette Camp | |
| | 18 | Gulf Power Company | d | Joel Thomas Kilgore | |
| | 19 | MidAmerican Energy | d | James E. Wilson | |
| | 20 | Mississippi Power Company | d | Dorman Davis | |
| | 21 | Office of Public Advocate, State of Maine | e | Barbara Alexander | |
| | 22 | Ohio Consumers Council | e | Randy Corbin | |
| | 23 | Pennsylvania Office Of Consumer Advocate | e | Tanya J. McCloskey, Sonny A. Popowsky | |
| | 24 | PPLSolutions, LLC | s | James M. Minneman | |
| | 25 | Public Service Electric & Gas | d | Terrence Moran | |
| | 26 | Reliant Energy Retail Services, LLC | su | Derek Mauzy | |
| | 27 | Savannah Electric and Power Company | d | Lamar Kearson | |
| | 28 | Southern California Edison | d | Gail Higashi | |
| | 29 | Southern Company Services | s | Mark S. Jarrett, Yvette Camp | |
| | 30 | Structure Group | s | Stacey Wood | |
| | 31 | TXU Energy Retail | su | Felecia Lokey | |
| | 32 | Wisconsin Public Service Corporation | d | William L. Bourbonnais, Les Nishida, Ken Thiry | |
| Wholesale Gas Quadrant: | 1 | 8760 | s | John Williams, Jim Buccigross | |
| | 2 | AEP Energy Services, Inc. | s | Cathy Szasz | |
| | 3 | Ameren Corporation | l | Scott Glaeser | |
| | 4 | Apache Corporation | pr | Michele Markey | |
| | 5 | Arizona Public Service Company | e | Gary Duede, Kelly Daly, Curt Brechtel | |
| | 6 | Ballard Natural Gas, LLC | s | Susan Thibodeaux | |
| | 7 | Baltimore Gas & Electric Co. | l | Steve Zavodnick | |
| | 8 | Barclays Bank PLC | s | Frank Rodriguez | |
| | 9 | BG LNG Services, LLC | s | Martha Braddy | |
| | 10 | Boeing Co., The | e | Tina Burnett | |
| | 11 | BP Energy | pr | Bill Benham, Lauren Kaestner | |
| | 12 | Bridgeline Gas Marketing | pl | Georgia Blanchard | |
| | 13 | Burlington Resources | pr | Paul Keeler | |
| | 14 | Calpine Energy Services, LP | e | Janet Dixon, Craig Chancellor | |
| | 15 | Cargill Incorporated | s | Kathy Gerken | |

North American Energy Standards Board Membership Report
As of November 30, 2004

| Quadrant | Organization | Segment | Contact | Sub-Segment |
|----------|--------------|---|---------|--|
| | 16 | Cascade Natural Gas Corporation | 1 | Mark Sellers-Vaughn |
| | 17 | CenterPoint Energy Gas Resources Corp. | s | James G. Beste |
| | 18 | CenterPoint Energy Gas Transmission Company | pl | Larry Thomas |
| | 19 | CenterPoint Energy Mississippi River Transmission Corporation | pl | Robert Trost |
| | 20 | Chandeleur Pipe Line Company | pl | Janice E. Rogers |
| | 21 | Chevron/Texaco | pr | Randy Mills |
| | 22 | Cinergy | e | John Procario |
| | 23 | Cinergy Marketing and Trading | s | Randy Bevis |
| | 24 | Columbia Gas Transmission | pl | Carl Levander |
| | 25 | Columbia Gulf Transmission Co. | pl | Carl Levander |
| | 26 | Comprehensive Energy Services | e | Jim Templeton |
| | 27 | ConocoPhillips Gas and Power | pr | Peter Frost |
| | 28 | Consolidated Edison Company of NY | 1 | Mary Jane McCartney, James Stanzone |
| | 29 | Constellation Power Source, Inc. | s | Robert McKay |
| | 30 | Dauphin Island Gathering Partners | pl | Katie Rice |
| | 31 | Defense Energy Support Center | e | Veronica Jones, Jacob Moser |
| | 32 | Department of Energy | e | Christopher Freitas |
| | 33 | Dominion Exploration and Production, Inc. | pr | David Ogden, Gary Weaver, Sheri Heslington |
| | 34 | Dominion Resources | 1 | Craig Columbo |
| | 35 | Dominion Transmission, Inc. | pl | Gary Sypolt, Iris King |
| | 36 | Duke Energy Gas Transmission - Texas Eastern | pl | Richard Kruse |
| | 37 | Edison Mission Marketing and Trade | e | Christian Hnat, William Roberts |
| | 38 | El Paso East Pipeline | pl | Larry Smith, Mark Gracey |
| | 39 | El Paso Natural Gas | pl | William Griffith |
| | 40 | El Paso Production Company | pr | Bill Hebenstreit |
| | 41 | Enbridge Energy Company, Inc. | pl | Terry McGill |
| | 42 | EnCana Marketing (USA) Inc. | s | Keith Sappenfield |
| | 43 | EnCana Corporation | pr | Keith Sappenfield |
| | 44 | Energy East Management Corporation | 1 | Marjorie Perlman |
| | 45 | Energy Velocity | s | Konni Keuter |
| | 46 | Entergy Services, Inc. | e | Arlynn Kelleher, Terry Shields |
| | 47 | Equitable Gas Company | 1 | Steve Rafferty |
| | 48 | Equitrans, L.P. | pl | Mina Speicher |
| | 49 | ExxonMobil Gas Marketing | pr | Richard Smith |
| | 50 | Florida Power & Light Company | e | Dona Gussow, Joe Stepenovitch |
| | 51 | Gas Transmission Northwest Corp. | pl | Jay Story |
| | 52 | Great Lakes Gas Transmission | pl | Gene Fava |
| | 53 | Group 8760 | S | Jim Buccigross |
| | 54 | Gulf South Pipeline | pl | Claire Burum, Randy Young |
| | 55 | H S Resources Inc. | pl | Carol Hall |
| | 56 | Imperial Irrigation District | e | William Rapp |
| | 57 | Iroquois Gas Transmission System | pl | Tom Gwilliam |
| | 58 | Kern River Gas Transmission Company | pl | Janie Nielsen |
| | 59 | Key Span Energy | 1 | Dolores Chezar |
| | 60 | Laclede Gas Co. | 1 | Kenneth Neises |
| | 61 | Latitude Technologies | s | Leigh Spangler |
| | 62 | Louis Dreyfus Energy Services L.P. | s | Mary Ellen Bell, Ruby H. Melton |
| | 63 | Lower Colorado River Authority | e | Mickey Bell |
| | 64 | Marathon Oil Company | pr | Robin Perrine |
| | 65 | Mewbourne Oil Company | pr | Michael F. Shepard |
| | 66 | National Fuel Gas Distribution | 1 | Michael Novak |
| | 67 | National Fuel Gas Supply Corp. | pl | Joseph Kardas |

North American Energy Standards Board Membership Report
Page 66 of 98
As of November 30, 2004

| Quadrant | Organization | Segment | Contact | Sub-Segment |
|----------|--------------|--|---------|---|
| | 68 | Natural Gas Pipeline Co of America | pl | Paul Love |
| | 69 | Niagara Mohawk Power Corporation | 1 | Bruce Garcy |
| | 70 | Nicor Gas | 1 | Nancy Brucher |
| | 71 | NiSource Inc. | 1 | M. Christopher Maturo |
| | 72 | Northern Natural Gas | pl | Mary Darveaux |
| | 73 | Northwest Natural Gas Company | 1 | Randolph Friedman |
| | 74 | NOVA Gas Transmission Ltd. | pl | Doug Miller |
| | 75 | Occidental Energy Marketing Inc. (OEMI) | pr | Carol Wilson |
| | 76 | Pacific Gas & Electric | 1 | John Breen |
| | 77 | Panhandle Eastern Pipe Line | pl | William Grygar, Kim Van Pelt |
| | 78 | PECO Energy Co. | 1 | Reed R. Horting |
| | 79 | Pemex Gas Y Petroquimica Basica | s | Juan Enrique Gonzalez Azuara |
| | 80 | Peoples Gas Light & Coke Co. | 1 | Tom Zack |
| | 81 | Platts | s | Bill Murphy |
| | 82 | Portland General Electric | pl | Kathy Davies |
| | 83 | Portland Natural Gas Transmission System | pl | David Morgan |
| | 84 | PPL EnergyPlus, LLC | e | Anne Lovett |
| | 85 | Promet Energy Partners, LLC | s | Gregory R. White |
| | 86 | Prospect Energy | s | Lyn Maddox |
| | 87 | Public Service Electric & Gas | 1 | David Wohlfarth |
| | 88 | Questar Pipeline Co. | pl | Scott Hansen |
| | 89 | Quorum Business Solutions Inc. | s | Douglas Allen |
| | 90 | Reliant Energy Services, Inc. | e | Gary Hinners, John Orr, Janie Mitcham |
| | 91 | Sabine Pipe Line LLC | pl | Jan Rogers |
| | 92 | Salt River Project Agricultural Improvement & Power District | e | Diane McVicker |
| | 93 | SCANA Corporation | pl | Jacquelyn Gettle |
| | 94 | Sempra Energy - Southern California Gas Co. | 1 | Lee Stewart, Rodger Schweweke |
| | 95 | Sequent Energy Management, L.P. | s | Pat Metteauer |
| | 96 | Shell Gas Transmission, LLC | pl | Chuck Cook |
| | 97 | SolArc Inc. | s | Tim Curtis |
| | 98 | Southern California Edison Company | e | Roman Bakke |
| | 99 | Southern Company Services, Inc. | e | Carl Haga |
| | 100 | Southern Natural Gas Co. | pl | Renee Hyde |
| | 101 | Southern Star Central Gas Pipeline | pl | James L. Harder |
| | 102 | Southwest Gas Corporation | 1 | Larry Black |
| | 103 | SunGard Energy Systems | s | Chuck McClure, Jennifer Chen |
| | 104 | Telvent USA, Inc. | s | Glenn Irwin |
| | 105 | Tennessee Valley Authority | e | Valerie Crockett |
| | 106 | Texas Gas Transmission, LLC | pl | Jeff Bittel |
| | 107 | Tiger Natural Gas | s | Tracy Phillips |
| | 108 | Tractebel Energy Marketing, Inc. | s | Mark Hodges |
| | 109 | TransCanada Pipelines | pl | Doug Miller |
| | 110 | Transwestern Pipeline Co. | pl | Donna Scott |
| | 111 | Trinity Apex Systems | s | Matt Armstrong |
| | 112 | TXU Energy Trading Co. | s | Mike Grim |
| | 113 | TXU Lone Star Pipeline Company | pl | Steve Easley |
| | 114 | UBS Energy LLC | s | Suzanne Calcagno |
| | 115 | Vector Pipeline L.P. | pl | Amy Bruhn |
| | 116 | Washington Gas Light Co. | 1 | Tim Sherwood, Adrian Chapman, Jennifer Deegan |
| | 117 | Westfield Gas & Electric Light Dept. | 1 | Joyce Bodak |
| | 118 | Williams Gas Pipeline | pl | Dale Davis, Ron Mucci |
| | 119 | Williston Basin Interstate Pipeline | pl | Keith Tiggelaar |

North American Energy Standards Board Membership Report
As of November 30, 2004

| Quadrant | Organization | Segment | Contact | Sub-Segment |
|-------------------------------------|---|---------|---|-------------|
| | 120 Wisconsin Public Service Corporation | l | Patrick Fox | |
| Wholesale Electric Quadrant: | | | | |
| 1 | ACES Power Marketing LLC | m | Roy J. True | muni |
| 2 | Alabama Electric Cooperative, Inc. | d | Kenneth J. Skroback | muni |
| 3 | American Electric Power Service Corp. | m | Barbara Radous, Joseph Hartsoe | iou |
| 4 | American Electric Power Service Corp. | d | Thomas Ringenbach | iou |
| 5 | American Electric Power Service Corp. | t | John Stough, Michael Desselle | iou |
| 6 | American Municipal Power - Ohio, Inc. | d | Pat Frazier, Chris Norton | muni |
| 7 | American Transmission Company LLC | t | Julie Voeck | ite |
| 8 | Arizona Public Service Company | t | Mark W. Hackney | iou |
| 9 | Arkansas Electric Cooperative Corporation | g | Ricky Bittle | muni |
| 10 | Avista Corp. | t | Scott A. Waples | |
| 11 | Basin Electric Power Cooperative | t | Dan Klempel | muni |
| 12 | Basin Electric Power Cooperative | m | David Raatz | nd |
| 13 | Basin Electric Power Cooperative | g | Jason Doerr | muni |
| 14 | Boeing Company | e | Steve LaFond | lind |
| 15 | Bonneville Power Administration | d | Sydney D. Berwager | other |
| 16 | Bonneville Power Administration | g | Francis Halpin | fed |
| 17 | Bonneville Power Administration | m | Brenda Anderson | fed |
| 18 | Bonneville Power Administration | t | Barbara Rehman | fed |
| 19 | BP America Inc. | e | Jeanne Zaiontz | lind |
| 20 | Buckeye Power, Inc. | d | Peter H. Buros | Nd |
| 21 | Calpine Corporation | g | William Taylor, Jim Stanton | merc |
| 22 | Cap Gemini Ernst and Young | m | Stephen A. Behrens | niou |
| 23 | Central Electric Power Cooperative | d | Arthur Fusco | muni |
| 24 | ChevronTexaco Energy Research and Technology | e | Carol Guthrie | sgen |
| 25 | Cinergy | e | Ron Jackups | endues |
| 26 | Cinergy | g | Walt Yeager, Ron Jackups | iou |
| 27 | Cinergy | m | Walt Yeager, Ron Jackups | iou |
| 28 | Cleco Power, LLC | t | Keith Comeaux | iou |
| 29 | Columbus Southern Power Company | g | Phil Cox | merc |
| 30 | Comprehensive Energy Services | e | Jim Templeton | enduse |
| 31 | Connectiv Energy Supply, Inc. | g | Gloria Ogenyi | merc |
| 32 | Connectiv Energy Supply, Inc. | m | Gloria Ogenyi | iou |
| 33 | Connectiv Power Delivery | t | Ken Gates | iou |
| 34 | Constellation NewEnergy, Inc. | d | Sara O'Neill | comp ret |
| 35 | Consumers Energy Company | d | Andrew C. Dotterweich, Frank Johnson | iou |
| 36 | Consumers Energy Company | g | Steven L. Gaarde, Andrew C. Dotterweich, John J. Dellas | iou |
| 37 | Dairyland Power Cooperative | t | Chuck Callies | muni |
| 38 | Department of the Interior, Bureau of Reclamation | g | Deborah M. Linke | fed |
| 39 | Dominion Energy Marketing, Inc. | g | Lou Oberski | iou |
| 40 | Duke Energy Corp. | d | Ollie Frazier | iou |
| 41 | Duke Energy North America | g | Bill D. Blevins | merc |
| 42 | Dynegy Power Marketing, Inc. | g | Barry Huddleston | merc |
| 43 | Edison Electric Institute | n | David Owens, Dave Dworzak | N |
| 44 | Electric Reliability Council of Texas (ERCOT) | n | Sam R. Jones, Ray Giuliani | n |
| 45 | Electricities of North Carolina (North Carolina Eastern Municipal Power Agency) | g | Gregory Locke | muni |
| 46 | Electricity Consumers Resource Council (ELCON) | e | John Anderson, John Hughes | lind |
| 47 | Empire District Electric Company, The | t | Bary K. Warren | iou |
| 48 | Energy East Management Corporation | t | Marjorie Perlman | iou |
| 49 | Entergy Services, Inc. | t | Edward J. Davis | iou |

North American Energy Standards Board Membership Report
As of November 30, 2004

| Quadrant | Organization | Segment | Contact | Sub-Segment |
|----------|--|---------|---|-------------|
| 50 | Entergy Services, Inc. | m | James M. (Jimmy) Smith | iou |
| 51 | Exelon Corporation - PECO Energy | d | John F. Leonard, Jr. | iou |
| 52 | Exelon Generation - Power Team | m | Jack Crowley | iou |
| 53 | ExxonMobil Gas Marketing | e | Steve Sayuk, Mark Scheel, Mark Ulrich | sgen |
| 54 | FirstEnergy Solutions Corp. | M | Edward C. Stein | iou |
| 55 | Florida Municipal Power Agency | g | Rick Casey | muni |
| 56 | Florida Municipal Power Agency | d | Steven H. McElhancy | muni |
| 57 | Florida Power & Light Company | m | Joe Stepenovitch | iou |
| 58 | Florida Power & Light Company | t | Marty Mennes | iou |
| 59 | Florida Reliability Coordinating Council | t | Linda D. Campbell | iou |
| 60 | Georgia Transmission Corporation | t | Carol Hester | muni |
| 61 | Hydro One Networks | t | Dave Barrie | itc |
| 62 | Hydro - Quebec Transenergie | t | Victor Bissonnette | fed |
| 63 | Indiana Muncipal Power Agency | g | Dick Foltz | muni |
| 64 | International Transmission Company | t | Jim D. Cyrulewski | itc |
| 65 | Michigan Electric Transmission Company LLC | t | Charles V. Waits | itc |
| 66 | Michigan Public Power Agency | d | James R. Nickel, Daniel E. Cooper | muni |
| 67 | Midwest Independent Transmission System Operator+J96 | n | William (Bill) Phillips | n |
| 68 | Mirant Corp. | m | Susann D. Felton, Alan Johnson | niou |
| 69 | Missouri River Energy Services | d | Brian Zavesky | muni |
| 70 | Modesto Irrigation District | t | Roge Van Hoy | muni |
| 71 | National Association of Regulatory Utility Commissioners | E | Lou Ann Westerfield | reg |
| 72 | National Grid USA | t | Masheed Rosenqvist, Peter Flynn, Mary Ellen Paravalos | itc |
| 73 | National Rural Electric Cooperative Assoc. | | Barry Lawson | muni/coop |
| 74 | Navigant Consulting, Inc. | t | Richard G. Smead | iou |
| 75 | New York State Dept. of Public Service | e | William Heinrich | reg |
| 76 | North Carolina Electric Membership Corporation | d | David Beam | muni |
| 77 | North Carolina Electric Municipal Power Agency #1 | m | Clay A. Norris | muni |
| 78 | North Carolina Electric Municipal Power Agency #1 | d | Andrew Fusco | muni |
| 79 | Northeast Utilities Service Company | t | David Boguslawski, Bill P. McKinnon | iou |
| 80 | Oglethorpe Power Corporation | g | Billy Ussery | muni |
| 81 | Ohio Consumers' Counsel | e | Randy Corbin | comres |
| 82 | Old Dominion Electric Cooperative | g | James N. Kimball | muni |
| 83 | Ontario Power Generation | g | Barry Green | merc |
| 84 | Ontario Power Generation | m | Rob Robinson | niou |
| 85 | Open Access Technology International, Inc. | e | Kevin Burns | enduse |
| 86 | PacifiCorp | m | Edison G. Elizeh | iou |
| 87 | PacifiCorp | g | Greg Maxfield | iou |
| 88 | PacifiCorp | t | Jim Hicks, Darrell Gerrard | iou |
| 89 | Platte River Power Authority | t | Terry L. Baker | muni |
| 90 | Portland General Electric | m | Terri Peschka | iou |
| 91 | PPL Electric Utilities Corporation | t | Ray Mammarella | iou |
| 92 | Progress Energy | m | Micheal Settlage | iou |
| 93 | Progress Energy | t | Verne Ingersoll, Phillip W. Lewis | iou |
| 94 | PSEG Energy Resources and Trade LLC | m | James D. Hebson | iou |
| 95 | PSEG Power LLC | g | Thomas M. Piascik | merc |
| 96 | Public Service Electric and Gas Company | d | Colin J. Loxley | nd |
| 97 | Public Service Electric and Gas Company | t | Jeffrey C. Mueller | nd |
| 98 | Puget Sound Energy, Inc. | t | George Marshall, Bob Harshbarger | niou |
| 99 | Sacramento Municipal Utility District | d | Robert D. Schwermann | muni |
| 100 | Sacramento Municipal Utility District | g | Thomas Ingwers | muni |
| 101 | Salt River Project Agricultural Improvement and Power District | d | Wendy Weathers, Mark B. Bonsall | other |

North American Energy Standards Board Membership Report
As of November 30, 2004

| Quadrant | Organization | Segment | Contact | Sub-Segment | |
|-----------------------------|--------------|--|---------|---|-------|
| | 102 | Salt River Project Agricultural Improvement and Power District | t | Steve Cobb | fed |
| | 103 | Seminole Electric Cooperative, Inc. | g | Lane Mahaffey | muni |
| | 104 | Southeastern Power Administration | g | Bob Goss | fed |
| | 105 | Southern California Edison | t | Ronald D. Nunnally | iou |
| | 106 | Southern Company Services, Inc. | d | Garey Rozier, Jim Miller, Greg Butrus | iou |
| | 107 | Southern Company Services, Inc. | g | Tony A. Reed | iou |
| | 108 | Southern Company Services, Inc. | m | Joel Dison | iou |
| | 109 | Southern Company Services, Inc. | t | R.D. (Dean) Ulch, John Lucas | iou |
| | 110 | Southwest Transmission Cooperative, Inc. | t | Larry D. Huff | muni |
| | 111 | Southwest Power Pool | n | Carl Monroe | n |
| | 112 | Southwestern Power Administration | g | Forrest E. Reeves | fed |
| | 113 | Southwestern Power Administration | t | Stanley L. Mason | fed |
| | 114 | Sunflower Electric Power Corporation | t | L. Earl Watkins, Carroll Waggoner | muni |
| | 115 | Tenaska, Inc. | g | Scott Helyer | merc |
| | 116 | Tennessee Valley Authority | d | Ron L. Owens | other |
| | 117 | Tennessee Valley Authority | g | William F. Irish | fed |
| | 118 | Tennessee Valley Authority | m | Jim A. Ingraham | fed |
| | 119 | Tennessee Valley Authority | t | Mitchell Needham, W. Terry Boston | fed |
| | 120 | TRANS-ELECT, INC. | t | Paul D. McCoy | itc |
| | 121 | Tri-State Generation and Transmission Association, Inc. | t | Bruce Sembrick | muni |
| | 122 | TXU Business Services | m | Elizabeth Howland | niou |
| | 123 | TXU Electric Delivery | t | Ellis Rankin, Deborah McKeever | iou |
| | 124 | UBS Energy LLC | m | Suzanne Calcagno | niou |
| | 125 | Vermont Public Power Supply Authority | g | William J. Gallagher | muni |
| | 126 | Western Area Power Administration | t | Mark Fidrych | fed |
| | 127 | Western Area Power Administration | m | Jeffrey Ackerman | fed |
| | 128 | We Energies (Wisconsin Electric) | d | Linda Horn | iou |
| | 129 | We Energies (Wisconsin Electric) | g | James R. Keller | iou |
| | 130 | Wisconsin Public Power Inc. | d | Mike Stuart | muni |
| | 131 | Wisconsin Public Service Corporation | g | William Bourbonnais, Charles W. Severance | iou |
| | 132 | Xcel Energy Inc. | m | Steven J. Beuning | iou |
| Retail Gas Quadrant: | | | | | |
| | 1 | AGL Resources Inc. | d | Katrina Bond | |
| | 2 | Amerada Hess Corporation | su | Randy Magnani | |
| | 3 | Baltimore Gas & Electric Company | d | Steve Zavodnick | |
| | 4 | CapacityCenter.com | s | Greg Lander | |
| | 5 | Center Point Energy Minnegasco | su | Andrea Newman | |
| | 6 | Consolidated Edison Co, of New York, Inc. | d | Michele Doyle | |
| | 7 | Dominion Retail, Inc. | su | Richard A. Zollars | |
| | 8 | Duke Energy Gas Transmission, LLP | su | Richard Kruse, Marcy L. McCain | |
| | 9 | Energy Services Group, Inc. | s | George Behr | |
| | 10 | Exelon Energy | su | Barb Fatina | |
| | 11 | Indiana Office of Utility Consumer Counselor | e | Matthew Parsell | |
| | 12 | International LNG Alliance | s | David Sweet | |
| | 13 | KeySpan Energy Delivery | d | Nancy Cianflone | |
| | 14 | Latitude Technologies | s | Leigh Spangler | |
| | 15 | National Fuel Gas Distribution Corporation | d | Mike Novak | |
| | 16 | Niagara Mohawk | d | James Dillon | |
| | 17 | NiSource Inc. | d | Mark T. Maassel | |
| | 18 | Northwest Industrial Gas Users | e | Paula E. Pyron | |
| | 19 | Ohio Consumers' Counsel | e | Bruce M. Hayes | |

North American Energy Standards Board Membership Report
As of November 30, 2004

| Quadrant | Organization | Segment | Contact | Sub-Segment |
|----------|--|---------|---|-------------|
| 20 | Pennsylvania Office of Consumer Advocate | e | Tanya J. McCloskey, Stephen Keene | |
| 21 | Peoples Gas System | d | Rachel Gebhardt | |
| 22 | Philadelphia Gas Works | d | Joe Stengel, Craig White | |
| 23 | Public Service Electric & Gas Company | d | Mike Coyle | |
| 24 | R. J. Rudden Associates | s | Richard J. Rudden, John D. Charboneau, Don Sytsma | |
| 25 | Shell Energy Services | su | Harry Kingerski | |
| 26 | SunGard EnForm Consulting | s | David F. Pfeifer | |
| 27 | Systrends | s | Dave Darnell | |
| 28 | UBS Energy LLC | su | Suzanne Calcagno | |
| 29 | UGI Utilities, Inc. | d | Paul Szykman | |
| 30 | Union Gas | d | Greg Petreault | |
| 31 | Wisconsin Public Service Corporation | d | William Bourbonnais, Glen R. Schwalbach, Les Nishida | |
| 32 | Xcel Energy | d | Don Basler | |

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 7

FINANCIAL REPORT

This section includes:

- The 2003 Financial Review results.
- The YTD 2004 financial report, accrual based as of September 2004.
- The Proposed 2005 Budget
- Board Resolutions on the 2005 Budget and the Teleconference Fee.

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

Rae McQuade and Darla Wishart will review this information as an update to the board. No action is requested of the Board on the 2003 Financial Review or the 2004 financial report.

The Board will be asked to approve the 2005 Budget and the continuation of the policy where fees are collected for teleconferences in which the meetings may also be attended in person.


800 Gessner, Suite 1200
Houston, Texas 77024
(713) 932-6700
Fax (713) 932-6124

To the Managing Board of Directors
North American Energy Standards Board
Houston, TX

We have reviewed the accompanying statements of financial position of the North American Energy Standards Board as of December 31, 2003 and 2002, and the related statements of activities and cash flows for the years then ended, in accordance with Statements on Standards for Accounting and Review Services issued by the American Institute of Certified Public Accountants. All information included in these financial statements is the representation of the management of the North American Energy Standards Board.

A review consists primarily of inquiries of company personnel and analytical procedures applied to financial data. It is substantially less in scope than an examination in accordance with generally accepted auditing standards, the objective of which is the expression of an opinion regarding the financial statements taken as a whole. Accordingly, we do not express such an opinion.

Based on our review, we are not aware of any material modification that should be made to the accompanying financial statements in order for them to be in conformity with generally accepted accounting principles.


Certified Public Accountants

Houston, Texas
August 13, 2004

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 SEPTEMBER 2004 YTD – ACCRUAL BASED

BALANCE SHEET

Assets

| | |
|---------------------|------------------|
| Current Assets | \$476,790 |
| Accounts Receivable | \$287,950 |
| Fixed Assets | \$41,307 |
| Total Assets | \$806,047 |

Liability & Equity

| | |
|-----------------------------------|------------------|
| Deferred Revenue | \$651,333 |
| Accounts Payable | \$73,489 |
| Retained Earnings | (\$177,756) |
| Net Income | \$258,981 |
| Total Liability and Equity | \$806,047 |

INCOME AND EXPENSE

| | |
|-------------------|------------------|
| Income | \$1,578,872 |
| Expense | \$1,319,891 |
| Net Income | \$258,981 |

INCOME AND EXPENSES TO BUDGET - YTD

| | |
|------------------------------|-------------|
| 2004 YTD Budget for Income | \$1,758,871 |
| Income Variance | (\$179,999) |
| 2004 YTD Budget for Expenses | \$1,410,771 |
| Expenses Variance | (\$90,880) |

YEAR END ANALYSIS

| | |
|---------------------------------|-------------|
| 2004 Budget | \$1,875,500 |
| Revenue YTD | \$1,578,872 |
| Expected Revenue Oct - Dec | \$27,951 |
| Estimated Year End Revenue | \$1,606,823 |
| Expenses YTD | \$1,319,891 |
| Expected Expenses Oct - Dec | \$400,320 |
| Estimated Year End Expenses | \$1,720,211 |
| Difference - Revenue - Expenses | (\$113,388) |

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

CASH BASIS ANALYSIS

| | |
|--------------------------|-------------|
| Beginning Balance 1-1-03 | \$572,033 |
| Total Cash Income | \$1,198,525 |
| Total Costs | \$1,319,007 |
| Ending Balance | \$451,551 |

ACCOUNTS RECEIVABLE ANALYSIS

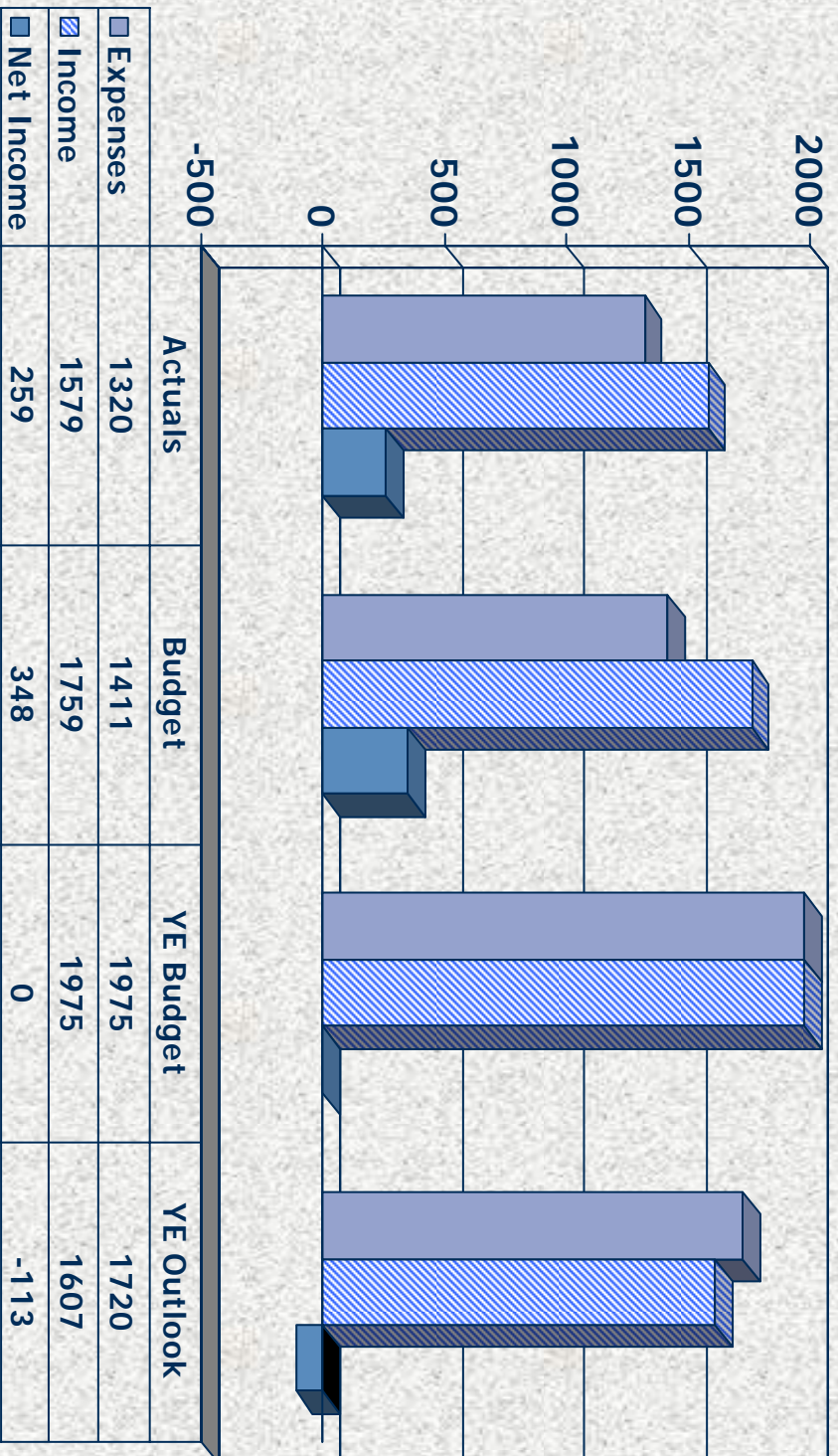
| | |
|---|-----------|
| Accounts Receivable as of 9-30-04 | \$287,950 |
| Items more than 90 days outstanding | \$40,000 |
| Items 90 Days Outstanding | \$10,000 |
| Items 0-60 Days Outstanding | \$237,950 |
| Items Since Collected | \$50,000 |
| Items for which credit memos have been issued | \$25,000 |

CONFERENCE CALLING FEES

| | |
|---|----------|
| Conference Calling Fees Collected YTD September | \$48,100 |
| Conference Calling Fees Collected in September | \$950 |

North American Energy Standards Board Board of Directors Meeting – 12/9/04

Accrual Based with Actuals as of September 2004



NAESB 2005 Preliminary Budget

| | 2004 Budget | 2004 YE Est. | 2005 Budget | (1) Year End Variance 2005-2004YE | (2) Budget Variance 2005-2004 | % 1 | % 2 | |
|-----------------------------------|------------------------|-------------------------|------------------------|--|--|--------------|--------------|---|
| Income | | | | | | | | |
| Membership Dues | \$1,850,000 | \$1,554,249 | \$1,805,000 | \$250,751 | -\$45,000 | 16.1% | -2.4% | Increase in membership of 40 for 2005, 9 less than 2004 -- this is probable because of the FERC filings on version 0 and the password protection of the standards on the web site. |
| Non Membership Revenue | \$25,500 | \$52,575 | \$53,120 | \$545 | \$27,620 | 2.46% | 0.60 | Revenue contributed by certification program, courses, sales of standards and access to web site by non-members. |
| Total Income | \$1,875,500 | \$1,606,824 | \$1,858,120 | \$251,296 | -\$17,380 | 15.6% | -0.9% | |
| Expense | | | | | | | | |
| Salaries, Benefits, Taxes | \$807,750 | \$833,032 | \$877,000 | \$43,968 | \$69,250 | 5.3% | 8.6% | No additional staffing in 2005. The increase is because of the additional staff hired mid year 2004. Costs that would have been allocated to tech writers in outside services have been reallocated to this category. |
| Office Rents & Parking | \$118,200 | \$113,072 | \$124,000 | \$10,928 | \$5,800 | 9.7% | 4.9% | Flat for 2005 |
| Office Expenses | \$80,400 | \$75,944 | \$75,000 | -\$944 | -\$5,400 | -1.2% | -6.7% | Flat for 2005 |
| Telecommunications | \$150,000 | \$100,772 | \$144,000 | \$43,228 | -\$6,000 | 42.9% | -4.0% | This assumes a continuation of the web casting, possible change of vendors in May, continuation of the charge for conference calling; no change in the level of service. |
| Travel and Meetings | \$275,000 | \$323,873 | \$300,000 | -\$23,873 | \$25,000 | -7.4% | 9.1% | More reliance on web casting should reduce the travel expenses and reduced printing services augmented by emailing and posting materials in advance. More meetings held in Houston or by web casting/conference calling to reduce expenses. |
| Publications/Mailings/Printing | \$167,000 | \$72,865 | \$74,000 | \$1,135 | -\$93,000 | 1.6% | -55.7% | Significant reductions in transcript services has reduced this category in 2004. We will continue to see a 2005 usage similar to 2004 -- Board, EC and JIC meetings are transcribed. |
| Outside Services | \$228,000 | \$190,301 | \$190,000 | -\$301 | -\$38,000 | -0.2% | -16.7% | Outside services remain at the same level for 2005 as was experienced in 2004. |
| Insurance, Taxes, Fees | \$8,000 | \$8,328 | \$8,475 | \$147 | \$475 | 1.8% | 5.9% | Insurance services remain at the same level for 2005 as was experienced in 2004. |
| Total Expense | \$1,834,350 | \$1,718,188 | \$1,792,475 | \$74,287 | -\$41,875 | 4.3% | -2.3% | |
| Net Income | \$41,150 | -\$111,364 | \$65,645 | | | | | |
| Capital Expenditures | \$15,000 | \$10,000 | \$5,000 | -\$5,000 | -\$10,000 | -50.0% | -66.7% | Capital expenditures significantly reduced in 2005 -- only to be used to replace equipment when needed. |
| Total Expense with Cap Exp | \$1,849,350 | \$1,728,188 | \$1,797,475 | \$69,287 | -\$51,875 | 4.0% | -2.8% | |
| Net Income w Cap Exp | \$26,150 | -\$121,364 | \$60,645 | | | | | |

NORTH AMERICAN ENERGY STANDARDS BOARD

Resolution Regarding Adoption of 2005 Conference Calling Administration

WHEREAS, the Executive Director of the North American Energy Standards Board (“NAESB”) has presented the conference calling administration for 2005 to the Managing Committee for review and action; and

WHEREAS, the Managing Committee supports the proposed conference calling administration policy for 2005 attached hereto as Appendix A;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of NAESB hereby adopts the proposed conference calling administration policy for 2005 as recommended by the Managing Committee attached as Appendix A.

Appendix A

**North American Energy Standards Board
Conference Calling Administration Policy**

In 2005, NAESB will continue its charges for conference calling for those NAESB meetings where it is possible to attend in person. NAESB will not charge for conference calling where participants are only given the choice to participate by phone. The administration of such follows:

- As most of the meetings that are held with in-person participation are half-day to whole day meetings, the fee will be \$50.00 per day for each line. If participants choose to share a line via speaker phone, only one fee will be assessed.
- When participants note to the office that they are attending, they will be asked for payment – which can be provided via credit card or check. Upon receipt of payment, the conference calling information will be provided to the participant.
- As an alternative, member companies can pay a flat \$1000 fee which will cover all employees of that company for all conference calling for 2005.
- These fees do not apply to employees of state, federal or provincial government regulatory agencies, trade association staff or consumer advocates.
- A report of usage and costs will be given at each Board meeting as part of the financial report.

This policy will be in effect for 2005. During 2005, at the conclusion of the MCI contract in May, we will consider other means of recovering the costs associated with communications services following the expiration of our contract, which would be presented for 2006 budget consideration.

NORTH AMERICAN ENERGY STANDARDS BOARD

Resolution Regarding Adoption of Proposed Budget for 2005

WHEREAS, the Executive Director of the North American Energy Standards Board (“NAESB”) has presented a proposed budget for 2005 to the Managing Committee for review and action; and

WHEREAS, the Managing Committee supports the proposed budget for 2005 attached hereto as Appendix A;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of NAESB hereby adopts the proposed budget for 2005 recommended by the Managing Committee attached as Appendix A.

December 9, 2004

Attachment A

NAESB Preliminary 2005 Budget

| | 2005 Budget |
|---------------------------------------|------------------------|
| Income | |
| Membership Dues | \$1,805,000 |
| Non Membership Revenue | \$53,120 |
| Total Income | <u>\$1,858,120</u> |
| Expense | |
| Salaries, Benefits, Taxes | \$877,000 |
| Office Rents & Parking | \$124,000 |
| Office Expenses | \$75,000 |
| Telecommunications | \$144,000 |
| Travel and Meetings | \$300,000 |
| Publications/Mailings/Printing | \$74,000 |
| Outside Services | \$190,000 |
| Insurance, Taxes, Fees | \$8,475 |
| Total Expense | <u>\$1,792,475</u> |
| Net Income | <u>\$65,645</u> |
| Capital Expenditures | \$5,000 |
| Total Expense with Cap Exp | <u>\$1,797,475</u> |
| Net Income w Cap Exp | <u>\$60,645</u> |

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 8

BOARD COMMITTEE REPORTS

This section includes:

- The most recent notes for the three committees created in September for Resources, Retail Awareness and Gas-Electric Interdependency.

The material presented is background information for the discussion of agenda item 6.

No action is requested of the Board.

Each of the chairs of the Board Committees will cover the progress made to date and respond to questions. The Board may also suggest future actions to be taken by the committees.



North American Energy Standards Board

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TO: NAESB Resources Committee and Managing Committee Members
FROM: Rae McQuade, NAESB Executive Director
 Jim Cargas, Deputy Director
RE: NAESB Resources Committee Conference Call – November 12, 2004
DATE: December 3, 2004

Dear Resources Committee and Managing Committee Members:

The Resources Committee had a brief conference call on Friday, November 12. Below are the notes from the call and action items generated. The next conference call was scheduled for Monday, December 6 at 10am CST (11am EST).

Resources Committee Conference Call

November 12, 2004

- Antitrust warning given by Mr. Cargas.
- Ms. Ogenyi led a discussion of the results thus far from Committee members' calls to prospective members. Mr. Desselle, Mr. Stepenovitch and Mr. Hebenstreit also provided an update of their calls. Neither Mr. McMillan nor Mr. Grim have provided their list of calls to make, and neither were on this call. New members include: Promet Energy and FRCC. Companies expected to join during the next few weeks include: NPCC, WECC, and Navigant Consulting. SunGuard has expressed a desire to join an additional quadrant or segment. The consensus was that the goal of net 30 new memberships by March 2005 was realistic.
- Ms. Ogenyi reported that PJM does not intend to join for policy reasons. However, they were very supportive of NAESB and its activities. She will follow up to explore their interest in subscribing to Home Page Access only.
- Mr. Cargas reported that testimonials are expected from the following by the end of next week: Chairman Pat Wood (from AM video); National Fuel; Group 8760; and BGE. Promet Energy may also provide a testimonial He was encouraged to also approach Becky Klein, Commissioner Kerr (NC) and Commissioner Keating (MA).

Action Items:

- Mr. Cargas will continue to gather testimonials and have them posted on the Membership Information page, and included in the Membership Packet.
- Everyone will continue to make their calls to Prospective Members.
- Mr. Cargas will coordinate the Spring 2005 NAESB Advisory Council meeting with the Resources Committee.



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Attendance:

| | Name: | | Organization: | Comte. Member: |
|----|----------|--------------|----------------------------|----------------|
| 1 | James | Cargas | NAESB | Staff |
| 2 | Dale | Davis | Williams Gas Pipeline | |
| 3 | Michael | Desselle | American Electric Power | Yes |
| 4 | Andrew | Dotterweich | Consumers Energy | |
| 5 | Mike | Grim | TXU | Yes |
| 6 | Tom | Gwilliam | Iroquois Gas Transmission | |
| 7 | Bill | Hebenstreit | El Paso Production Company | Yes |
| 8 | Laura | Kennedy | NAESB | Staff |
| 9 | Iris | King | Dominion Transmission | |
| 10 | Rae | McQuade | NAESB | Exec. Dir. |
| 11 | Lou | Oberski | Dominion | |
| 12 | Gloria | Ogenyi | Conectiv | Yes |
| 13 | Marjorie | Perlman | Energy East | |
| 14 | Denise | Rager | NAESB | Staff |
| 15 | Joseph | Stepenovitch | Florida Power & Light | Yes |
| 16 | Kim | Van Pelt | Panhandle Eastern Pipeline | |



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via email and posting

TO: Gas-Electric Interdependency Committee and Managing Committee Members

FROM: Rae McQuade, NAESB Executive Director
James Cargas, NAESB Deputy Director

RE: Notes from NAESB Board of Directors Gas-Electric Interdependency Committee Conference Call – November 17, 2004

DATE: November 19, 2004

Dear Gas-Electric Interdependency Committee Members,

A NAESB Board of Directors Gas-Electric Interdependency Committee (GEIC) conference call was held on November 17, 2004 from 10:00 a.m. to 11:15 a.m. Central. The conference call provided a forum for GEIC to establish the mission statement and begin a discussion of areas potentially amenable to resolution through standardization. The following notes and assignments resulted from the meeting.

- Administration:
- Mr. Jim Templeton, NAESB Wholesale Gas Quadrant (WGQ) Board Member and Managing Committee Member, facilitated the meeting.
 - Mr. James Cargas read the antitrust advice.
- Mission Statement:
- Mr. Templeton spoke of how the January 2004 cold snap analysis focused his attention on the many interdependencies between the electric and natural gas industries. He hopes this Committee will be able to look at these interdependencies from a total energy perspective rather than parochial gas only or electric only perspectives. In sum, this Committee will continue the work of the Gas-Electric Coordination Task Force (GECTF) now that it has completed its mission. He looked forward to the brainstorming to follow and the potential for NAESB to be proactive thereby forestalling any political solutions imposed on the industries.
 - The following amended GEIC Mission Statement was adopted by consensus (amendment underlined):

“The Chairman of the NAESB Board of Directors created the Gas-Electric Interdependency Board Committee on September 16, 2004. It reports to the Board Managing Committee and through that committee to the Board of Directors. In the last ten or fifteen years, natural gas use has risen from a fairly small contributor to the generation of electricity to today, where electricity generation is the market for approximately 25% of the total annual US natural gas market. To address this substantial increase in interdependence between natural gas and electric generation, this committee is tasked with identifying, at a 30,000 ft level, actions that might result in NAESB standards development, making the interaction of both industries more efficient and reliable.”



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- Industry Presentations:
- Mr. Lyn Maddox gave a high-level summary of the current status of the natural gas industry and how it has become interdependent on one of its largest customers, the electric generation industry. He described its movement to more of a closed system, and reviewed operational and contractual tools that provide various degrees of flexibility to address unanticipated market or weather changes.
 - Mr. Joe Stepenovitch gave a high-level presentation on the current status of the electric industry with an emphasis on his region, Florida. Unlike other parts of the country, Florida has had an informal power pool for 25 years that recently became a NERC region. He discussed how the Public Service Commission was very involved in determining generation capacity, but only recently took an interest in the requisite fuel supply. Transmission capacity remains a matter for county-level determination. Mr. Stepenovitch described how long-term and short-term planning are impacted by a variety of factors including ability to switch between fuel sources.
- GECTF Report:
- Mr. Templeton led a discussion of the NAESB GECTF final report and some of the interdependencies it documents.
 - Three requests for standards have resulted from this work and have been submitted: energy day (R04016), electric transaction scheduling and timelines (R04020), and daily operational communications between pipelines and power plants (R04021). There is probably a good chance that electric transactions scheduling and timelines along with gas nomination timelines might be rolled in with energy day.
 - The issues were broken down into: (i) short term problems like time lines and scheduling, and (ii) long-term problems like pipeline capacity. NAESB is better suited to addressing the shorter-term issues.
- ISO NE Proposal for 2004-2005:
- Mr. Templeton led a brief discussion of the proposals made by ISO New England to address gas and electric interdependencies for the Winter 2004-2005 heating season. Among other actions, ISONE tied the two nomination timelines closer together so that electric generation could get as much capacity as possible. This effort is worth watching as NAESB addresses similar issues.
 - It was noted that the FERC is in the process of scheduling meetings between electric communities and the pipelines that serve them, and the committee should pay attention to those meetings. The chair will follow these meetings.
- Possible Solutions:
- A new pipeline service was discussed that would be a hybrid between firm transportation (FT) and interruptible transportation (IT) and included the right to limited service that could only be used when needed. It was generally agreed that this idea would not be much help because in the winter when generators might need help the pipelines are generally full of firm customers although it might



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be of help in some instances.

- During the discussion, it was noted that electric companies in regulated markets may pass through the cost of FT, similar to the process used by LDC's Pass-through but not available in deregulated markets. Moreover, costs that can be passed through can vary from generation unit to generation unit.
- A reserve margin during pipeline construction could be created akin to the margin employed in electric generation, but it should exceed the safety margins that currently exist, and could depend on construction assumptions. This would probably require new certificates so require considerable time, years, to be available.
- It was also noted that standardization between the two industries of their curtailment rules could be beneficial. This might be discussed during the development of standards related to requests R04020 or R04021.
- Between now and the next meeting, Mr. Templeton will ask various members of the GEIC come to the next meeting prepared to address various ideas that came up at the 11-17-04 meeting as well maybe some new ideas.
- The next conference call will be scheduled in mid-January.

Action Items for
Next Call:



North American Energy Standards Board

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ATTENDANCE

| Name: | Organization: | Committee Member: | NAESB Member: |
|------------------------|------------------------------------|--------------------------|----------------------|
| 1 Adrian Chapman | Washington Gas | Y | Y |
| 2 Michael Desselle | AEP | Y | Y |
| 3 Pete Frost | Conoco Phillips | Y | Y |
| 4 Robert Gee | Gee Strategies | Y | Adv. Council |
| 5 Leonard Haynes | Southern Company | Y | Y |
| 6 Sheila Hollis | Duane Morris | Y | Adv. Council |
| 7 Reed Horting | PECO Energy Company | Y | Y |
| 8 Richard Kruse | Duke Energy | Y | Y |
| 9 Lyn Maddox | Prospect Energy | Y | Y |
| 10 Randy Mills | ChevronTexaco | Y | Y |
| 11 John Procario | Cinergy | Y | Y |
| 12 Richard Rudden | RJ Rudden Associates | Y | Y |
| 13 Rick Smead | Navigant Consulting | Y | Y |
| 14 Larry Smith | El Paso | Y | Y |
| 15 Dennis Sobieski | PSEG | Y | Y |
| 16 Joseph Stepenovitch | Florida Power & Light | Y | Y |
| 17 Jim Tempelton | Comprehensive Energy Services | Y | Y |
| 18 Gordon Brown | California ISO | | N |
| 19 Kathryn Burch | Duke Energy – Texas Eastern Trans. | | Y |
| 20 Christopher Burden | Williams Gas Pipeline | | Y |
| 21 James Cargas | NAESB | | Staff |
| 22 Dale Davis | Williams Gas Pipeline | | Y |
| 23 Andrew Dotterweich | Consumers Energy | | Y |
| 24 Kristin Gillette | Kern River Gas Transmission | | Y |
| 25 Mark Gracey | Tennessee Gas Pipeline | | Y |
| 26 Bill Griffith | CIG | | Y |
| 27 Tom Gwilliam | Iroquois Gas Transmission | | Y |
| 28 Tran Kimbel | Dominion Resources | | Y |
| 29 Iris King | Dominion Transmission | | Y |
| 30 Janie Nielsen | Kern River Gas Transmission | | Y |
| 31 Micki Schmitz | Northern Natural Gas | | Y |
| 32 Donna Scott | Transwestern Pipeline Company | | Y |
| 33 Mike Stender | El Paso Natural Gas | | Y |
| 34 Kim Van Pelt | Panhandle Eastern Pipe Line | | Y |
| 35 Randy Young | Gulf South Pipeline Company LP | | Y |



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via email and posting

TO: Managing Committee and Retail Awareness Committee Members
FROM: Rae McQuade, NAESB Executive Director
Todd Oncken, NAESB Deputy Director
RE: NAESB Board of Directors Retail Awareness Committee Conference Call –
November 5, 2004
DATE: November 8, 2004

Dear Retail Awareness Committee Members,

A NAESB Board of Directors Retail Awareness Committee conference call was held on November 5, 2004 from 10:00 a.m. to 11:30 a.m. Central. The conference call provided a forum for the Retail Awareness Committee to establish its scope and develop action items in furtherance of that scope. The following notes and assignments resulted from the meeting.

- Administration:
- Mr. Cade Burks, NAESB Retail Electric Quadrant (REQ) Board Member, facilitated the meeting.
 - Mr. Oncken read the antitrust advice and called the roll of committee members.
- Scope:
- Mr. Burks reviewed the draft scope statement. The committee adopted the following scope for the Retail Awareness Committee:

The Retail Awareness Committee functions solely at the pleasure of the NAESB Board of Directors and reports to the NAESB Board of Directors through the NAESB Board Managing Committee. It is charged with increasing the awareness of the retail quadrants' model business practices with the state regulatory agencies, other related government agencies and the retail market industry participants. Increasing the awareness of the NAESB work products and plans is not considered advocacy but rather a form of education of NAESB efforts. The committee will also seek input from interested state regulatory agencies and related associations to ensure that NAESB efforts and annual plans reflect or are not inconsistent with such groups' directions. Members of the committee will present NAESB work products and plans to NARUC, state regulatory agencies and related industry groups to further the understanding of NAESB efforts and to garner feedback. The feedback will be provided by the committee to the Board in order that adjustments to the NAESB plans can be made as warranted.

Following are the points and work assignments made during the conference call arranged by issue as the committee worked through its agenda:

- Success Stories:
- The NAESB office will work with Retail Awareness Committee members to develop a library of success stories. Success stories will be used in communications and presentations (see below) to



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demonstrate the benefits of using NAESB's Retail Model Business Practices (MBPs).

- Success stories would be examples of where NAESB Retail MBPs have been implemented in an organization as best practices resulting in a benefit to the organization or its customer base by providing better services to a customer base, lowering the transaction costs, supporting negotiations or lowering the cost of the service. For retail markets, a success story might be lowered barriers to entry into competitive markets through decreased transaction costs. One success story is the voluntary penetration of NAESB Electronic Delivery Mechanism (EDM) standards throughout 12 states as noted in the recent Retail EDM survey. Similarly, a success story would be support for the MBP by state regulators or customer groups – such as the effort currently underway in Massachusetts for use of the EDM technical standards. Ms. Kiselewich (credit worthiness), Mr. Buccigross (EDM), and Mr. Novak (trading partner agreement) provided brief success stories.
- Mr. Cargas will coordinate the collection of success stories, which will also benefit the Board Resources Committee. Please contact Mr. Cargas (jcargas@naesb.org) or Ms. McQuade (rmcquade@naesb.org) so that an interview can be scheduled and your success story can be included in the library.
- Ms. McQuade will draft a letter to be sent to the Commissioners and key staffers of the 20 states that have adopted retail competition. Of the 20 letters distributed, the Committee anticipates five or six requests for a follow-up presentation.
- The letter will not advocate the adoption of NAESB's Retail MBPs and clearly state so; it will provide information to state regulatory bodies on NAESB's MBPs and the NAESB process, and solicit input on the topics where MBPs would bring immediate value to the marketplace and specifically note the NAESB retail annual plan directions.
- Similarly, Ms. McQuade will prepare a letter for distribution at the Executive Committee meetings that details the scope, mission and goals of the Retail Awareness Committee and will ask for success stories that can be used when describing the actions of NAESB. This letter may also be used to increase awareness of NAESB retail activities among the related trade associations, and through them, to their members.
- The Retail Awareness Committee will work through other organizations, such as EEI, AGA and NEMA, to increase awareness of NAESB Retail MBPs among their membership.
- The Retail Awareness Committee will develop a foundation presentation to be used as a starting point for future presentations

Increased
Awareness
Letters:

Presentations:



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on the NAESB Retail MBPs. It was not decided whether two foundation presentations, one with a technical audience and another with a broader audience, should be developed.

- Among other things, the presentation will include the success stories, a general characterization of the MBPs and the NAESB EDM survey.
- Mr. Burks, Ms. Wood and Ms. Alexander will work on creating the presentation. Any other committee members who would like to volunteer or have ideas on the presentation should contact either Ms. McQuade or Mr. Burks. Please forward any presentations that could be used as resources for the committee to the NAESB Office.
- Ms. Westerfield will contact NARUC to discuss whether NAESB Retail activities will be included in the agenda for the February 2005 NARUC meeting.
- An invitation to participate in the Retail Awareness Committee will be extended to a consumer advocate representative (Barbara Alexander) and to staff from the Texas Public Utilities Commission.
- The letters referenced above, will be completed and distributed prior to the December NAESB Board of Directors meeting.
- A subsequent conference call was tentatively scheduled for early December or late January. Any feedback received on the correspondence will be discussed at that time.

Membership in
the committee:

Performance
Metrics / Goals

Attendance:

| Name | Organization | Member? |
|--------------------|--|------------------------|
| Barbara Alexander | The State of Maine Office of Public Advocate | Yes, Consumer Advocate |
| Jim Buccigross | Group 8760 | Yes, EC Chair |
| Christopher Burden | Williams Gas Pipeline | |
| Cade Burks | EC Power | Yes, Board Member |
| Jim Cargas | NAESB | Staff |
| Pete Connor | Nisource | |
| Dale Davis | Williams Gas Pipeline | |
| Michael Desselle | AEP | Yes, Board Member |
| Andrew Dotterweich | Consumers Energy | |
| David Farley | ERCOT | |
| Ruth Kiselewich | Baltimore Gas & Electric Company | Yes, EC Chair |
| Deborah McKeever | TXU Electric Delivery | |
| Rae McQuade | NAESB | Staff |
| Mike Novak | National Fuel | Yes, EC Chair |
| Todd Oncken | NAESB | Staff |
| Marjorie Perlman | Energy East | |
| Leigh Spangler | Latitude Technologies | Yes, Board Member |



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| Name | | Organization | Member? |
|-------------|-------------|----------------------------|-------------------|
| Kim | Van Pelt | Panhandle Eastern Pipeline | |
| Lou Ann | Westerfield | NARUC | Yes, Board Member |
| Suzette | Wilburn | ERCOT | |

**NORTH AMERICAN ENERGY STANDARDS BOARD
BOARD OF DIRECTORS MEETING MATERIALS
DECEMBER 9, 2004**

TAB 9

OLD & NEW BUSINESS

This section includes:

- Ratification Results of the sunset provision adopted by the Board in September.
- Meeting Schedule for 2005.

The material presented is background information for the discussion of agenda item 8.

No action is requested of the Board.

NAESB Membership Ratification Ballot for All Members
 September 16, 2004 NAESB Board Action on Sunset Provision from the
 Certificate of Incorporation
 Friday, November 5, 2004

| | | | Resolution Extending the Sunset Provision contained in Article I, Section 2 of the Certificate of Incorporation | | | | |
|----------------------------|-----|---------|---|---------------------------------------|---------|--------|---------|
| Quadrant | Seg | Sub Seg | NAESB Member | Member Contact | Support | Oppose | Abstain |
| NAESB All Quadrant Members | | | | | | | |
| WGQ | s | | 8760 | Jim Buccigross | Y | | |
| WEQ | m | muni | ACES Power Marketing LLC | Roy J. True | | | |
| WGQ | s | | AEP Energy Services, Inc. | Cathy Szasz | Y | | |
| RGQ | d | | AGL Resources Inc. | Katrina Bond | | | |
| WEQ | d | muni | Alabama Electric Cooperative, Inc. | Kenneth J. Skroback | | | |
| REQ | d | | Alabama Power | Judy W. Ray, Yvette Camp | | | |
| RGQ | su | | Amerada Hess Corporation | Randy Magnani | | | |
| WGQ | l | | Ameren Corporation | Scott Glaeser | | | |
| REQ | d | | Ameren Services Company | Patrick Eynon | Y | | |
| WEQ | d | iou | American Electric Power Service Corp. | Thomas Ringenbach | Y | | |
| WEQ | m | iou | American Electric Power Service Corp. | Barbara Radous, Joseph Hartsoe | Y | | |
| WEQ | t | iou | American Electric Power Service Corp. | John Stough, Michael Desselle | Y | | |
| WEQ | d | muni | American Municipal Power - Ohio, Inc. | Pat Frazier, Chris Norton | Y | | |
| WEQ | t | itc | American Transmission Company LLC | Julie Voeck | | | |
| WGQ | pr | | Apache Corporation | Michele Markey | | | |
| WEQ | t | iou | Arizona Public Service Company | Mark W. Hackney | Y | | |
| WGQ | e | | Arizona Public Service Company | Gary Duede, Kelly Daly, Curt Brechtel | | | |
| WEQ | g | muni | Arkansas Electric Cooperative Corporation | Ricky Bittle | | | |
| WEQ | t | | Avista Corp. | Scott A. Waples | | | |
| WGQ | s | | Ballard Natural Gas, LLC | Susan Thibodeaux | | | |
| REQ | d | | Baltimore Gas & Electric Co. | Ruth Kiselewich, Johnny Magwood | Y | | |
| WGQ | l | | Baltimore Gas & Electric Co. | Steven Zavodnick | Y | | |
| RGQ | d | | Baltimore Gas & Electric Company | Steven Zavodnick, Phil Precht | Y | | |
| WGQ | s | | Barclays Bank PLC | Frank Rodriguez | | | |
| WEQ | g | muni | Basin Electric Power Cooperative | Jason Doerr | | | |
| WEQ | m | nd | Basin Electric Power Cooperative | David Raatz | | | |
| WEQ | t | muni | Basin Electric Power Cooperative | Dan Klempel | | | |
| WGQ | s | | BG LNG Services, LLC | Martha Braddy | | | |
| WEQ | e | lind | Boeing Company, The | Steve LaFond | | | |
| WGQ | e | | Boeing Company, The | Tina Burnett | Y | | |
| WEQ | d | other | Bonneville Power Administration | Sydney D. Berwager | | Y | |
| WEQ | g | fed | Bonneville Power Administration | Francis Halpin | | Y | |
| WEQ | m | fed | Bonneville Power Administration | Brenda Anderson | | Y | |
| WEQ | t | fed | Bonneville Power Administration | Barbara Rehman | | | |
| WEQ | e | lind | BP America Inc. | Jeanne Zaiontz | | | |
| WGQ | pr | | BP Energy | Bill Benham, Lauren Kaestner | | | |
| WGQ | pl | | Bridgeline Gas Marketing | Georgia Blanchard | | | |
| WEQ | d | nd | Buckeye Power, Inc. | Peter H. Buros | | | |
| WGQ | pr | | Burlington Resources | Paul Keeler | | | |
| WEQ | g | merc | Calpine Corporation | William Taylor, Jim Stanton | | | |
| REQ | su | | Calpine Energy Services, LP | Janet Dixon | | | |
| WGQ | e | | Calpine Energy Services, LP | Janet Dixon, Craig Chancellor | | | |
| WEQ | m | niou | Cap Gemini Ernst and Young | Stephen A. Behrens | | | |
| RGQ | s | | CapacityCenter.com | Greg Lander | | | |
| WGQ | s | | Cargill Incorporated | Kathy Gerken | | | |
| WGQ | l | | Cascade Natural Gas Corporation | Mark Sellers-Vaughn | | | |
| RGQ | su | | Center Point Energy Minnegasco | Andrea Newman | | | |
| WGQ | s | | CenterPoint Energy Gas Services, Inc. | James G. Beste | | | |
| WGQ | pl | | CenterPoint Energy Gas Transmission Company | Larry Thomas | | | |
| WGQ | pl | | CenterPoint Energy Mississippi River Transmission Corp. | Robert Trost | | | |
| WEQ | d | muni | Central Electric Power Cooperative | Arthur Fusco | Y | | |
| WGQ | pr | | Chevron/Texaco | Randy Mills | Y | | |
| WEQ | e | sgen | Chevron/Texaco Energy Research and Technology | Carol Guthrie | | | |
| WEQ | e | enduse | Cinergy | Ron Jackups | | | |
| WEQ | g | iou | Cinergy | Walt Yeager, Ron Jackups | | | |
| WEQ | m | iou | Cinergy | Walt Yeager, Ron Jackups | | | |
| WGQ | e | | Cinergy | John Procaro | | | |
| WGQ | s | | Cinergy Marketing and Trading | Randy Bevis | | | |
| REQ | d | | Cinergy Services, Inc. | Paul K. Jett | | | |
| WEQ | t | iou | Cleco Power, LLC | Keith Comeaux | Y | | |
| WGQ | pl | | Columbia Gas Transmission | Carl Levander | | | |
| WGQ | pl | | Columbia Gulf Transmission Co. | Carl Levander | | | |
| WEQ | g | merc | Columbus Southern Power Company | Phil Cox | Y | | |
| WEQ | e | enduse | Comprehensive Energy Services | Jim Templeton | | | |
| WGQ | e | | Comprehensive Energy Services | Jim Templeton | Y | | |
| WEQ | g | merc | Conectiv Energy Supply, Inc. | Gloria Ogenyi | Y | | |
| WEQ | m | iou | Conectiv Energy Supply, Inc. | Gloria Ogenyi | Y | | |
| WEQ | t | iou | Conectiv Power Delivery | Ken Gates | | | |

NAESB Membership Ratification Ballot for All Members
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|-----|----|----------|---|---|---------|--------|---------|
| | | Sub | NAESB Member | Member Contact | Support | Oppose | Abstain |
| WGQ | pr | | ConocoPhillips Gas and Power | Peter Frost | | | |
| RGQ | d | | Consolidated Edison Co. of New York, Inc. | Michele Doyle | | | |
| REQ | d | | Consolidated Edison Company of NY | Hollis Krieger | | | |
| WGQ | l | | Consolidated Edison Company of NY | Mary Jane McCartney, Jim Stanzione | | | |
| WEQ | d | comp ret | Constellation NewEnergy, Inc. | Sara O'Neill | | | |
| WGQ | s | | Constellation Power Source, Inc. | Robert McKay | Y | | |
| WEQ | d | iou | Consumers Energy Company | Andrew C. Dotterweich, Frank Johnson | Y | | |
| WEQ | g | iou | Consumers Energy Company | Steven L. Gaarde, Andrew C. Dotterweich, John J. Dellas | Y | | |
| WEQ | t | muni | Dairyland Power Cooperative | Chuck Callies | | | |
| WGQ | pl | | Dauphin Island Gathering Partners | Katie Rice | | | |
| REQ | e | | Defense Energy Support Center | Lisa Robert | | | |
| WGQ | e | | Defense Energy Support Center | Veronica Jones, Jacob Moser | | | |
| WGQ | e | | Department of Energy | Christopher Freitas | | | |
| WEQ | g | fed | Department of the Interior, US Bureau of Reclamation | Deborah M. Linke | Y | | |
| REQ | d | | Detroit Edison Company | William J. Newbold, Jr. | Y | | |
| REQ | su | | Direct Energy Business Services | David Booty | Y | | |
| WEQ | g | iou | Dominion Energy Marketing, Inc. | Louis Oberski | Y | | |
| WGQ | pr | | Dominion Exploration and Production, Inc. | David Ogden, Gary Weaver, Sheri Heslington | Y | | |
| WGQ | l | | Dominion Resources | Craig Colombo | | | |
| REQ | su | | Dominion Retail | William Barkas, Richard Zelenko | Y | | |
| RGQ | su | | Dominion Retail, Inc. | Richard A. Zollars | Y | | |
| WGQ | pl | | Dominion Transmission, Inc. | Gary Spolt, Iris King | | | |
| REQ | d | | Dominion Virginia Power | David F. Koogler, Mary Edwards | Y | | |
| WEQ | d | iou | Duke Energy Corp. | Ollie Frazier | Y | | |
| WGQ | pl | | Duke Energy Gas Transmission - Texas Eastern | Richard Kruse | Y | | |
| RGQ | su | | Duke Energy Gas Transmission, LLP | Richard Kruse, Marcy L. McCain | | | |
| WEQ | g | merc | Duke Energy North America | Bill D. Blevins | | | |
| WEQ | m | iou | Duke Energy North America | Lee Barrett | | | |
| WEQ | g | merc | Dynegy Power Marketing, Inc. | Barry Huddleston | | | |
| REQ | s | | EC Power International | Judy Bailey, J. Cade Burks | Y | | |
| WEQ | n | n | Edison Electric Institute | David Owens, Dave Dworzak | | | |
| WGQ | e | | Edison Mission Marketing and Trade | Christian Hnat, William Roberts | | | |
| WGQ | pl | | El Paso Eastern Pipelines | Larry Smith, Mark Gracey | | | |
| WGQ | pl | | El Paso Natural Gas | William Griffith | Y | | |
| WGQ | pr | | El Paso Production Company | Bill Hebenstreit | Y | | |
| REQ | su | | Electric America | Joseph C. Macek | | | |
| REQ | s | | Electric Reliability Council of Texas (ERCOT) | Sam R. Jones, Rob Connell, Ray Giuliani | | | |
| WEQ | n | n | Electric Reliability Council of Texas (ERCOT) | Sam R. Jones, Ray Giuliani | | | |
| WEQ | g | muni | ElectricCities of North Carolina (North Carolina Eastern Municipal Power Agency) | Gregory Locke | Y | | |
| WEQ | e | lind | Electricity Consumers Resource Council (ELCON) | John Anderson, John Hughes | Y | | |
| WEQ | t | iou | Empire District Electric Company, The | Bary K. Warren | | | |
| WGQ | pl | | Enbridge Energy Company, Inc. | Terry McGill | Y | | |
| WGQ | pr | | EnCana Corporation | Keith Sappenfield | Y | | |
| WGQ | s | | EnCana Marketing (USA) Inc. | Keith Sappenfield | Y | | |
| WEQ | t | iou | Energy East Management Corporation | Marjorie Perlman | | | |
| WGQ | l | | Energy East Management Corporation | Marjorie Perlman | | | |
| RGQ | s | | Energy Services Group, Inc. | George Behr | | | |
| WGQ | s | | Energy Velocity | Konni Keuter | | | |
| WEQ | m | iou | Entergy Services, Inc. | James M. (Jimmy) Smith | | | |
| WEQ | t | iou | Entergy Services, Inc. | Edward J. Davis, John H. Zemanek | | | |
| WGQ | e | | Entergy Services, Inc. | Arlynn Kelleher, Terry Shields | | | |
| WGQ | l | | Equitable Gas Company | Steve Rafferty | | | |
| WGQ | pl | | Equitrans, L.P. | Mina Speicher | | | |
| WEQ | d | iou | Exelon Corporation - PECO Energy | John F. Leonard, Jr. | | | |
| RGQ | su | | Exelon Energy | Barb Fatina | Y | | |
| REQ | d | | Exelon Energy Delivery | Bill Walsh | | | |
| WEQ | e | sgen | ExxonMobil Gas Marketing | Steve Sayuk, Mark Scheel, Mark Ulrich | Y | | |
| WGQ | pr | | ExxonMobil Gas Marketing | Richard Smith, Benjamin C. Harris | Y | | |
| WEQ | m | iou | FirstEnergy Solutions Corp. | Edward C. Stein | | | |
| WEQ | d | muni | Florida Municipal Power Agency | Steven H. McElhanev | | | |
| WEQ | g | muni | Florida Municipal Power Agency | Rick Casey | | | |
| WEQ | m | iou | Florida Power & Light Company | Joe Stepenovitch | | | |
| WEQ | t | iou | Florida Power & Light Company | Marty Mennes | | | |
| WGQ | e | | Florida Power & Light Company | Dona Gussow, Joe Stepenovitch | Y | | |
| REQ | s | | Foley & Lardner | Bryan S. Anderson | | | |
| WGQ | pl | | Gas Transmission Northwest Corporation | Jay Story | | | |
| REQ | d | | Georgia Power Company | Michael Garrett, Yvette Camp | Y | | |
| WEQ | t | muni | Georgia Transmission Corporation | Nina McNeive | | | |

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| WGQ | pl | | Great Lakes Gas Transmission | Gene Fava | | | |
| REQ | su | | Green Mountain Energy Co. | David McMillan | | | |
| WGQ | s | | Group 8760 | Jim Buccigross | | | |
| REQ | d | | Gulf Power Company | Joel Thomas Kilgore, Yvette Camp | | | |
| WGQ | pl | | Gulf South Pipeline | Claire Burum, Randy Young | | | |
| WGQ | pl | | H S Resources Inc. | Carol Hall | | | |
| WEQ | t | fed | Hydro - Quebec Transenergie | Victor Bissonnette | | | |
| WEQ | t | itc | Hydro One Networks | Dave Barrie | | | |
| WGQ | e | | Imperial Irrigation District | William Rapp | | | |
| WEQ | g | muni | Indiana Muncpal Power Agency | Dick Foltz | Y | | |
| RGQ | e | | Indiana Office of Utility Consumer Counselor | Matthew Parsell | | | |
| RGQ | s | | International LNG Alliance (Sweet Strategies) | David Sweet | | | |
| WEQ | t | itc | International Transmission Company | Jim D. Cyrulewski | Y | | |
| WGQ | pl | | Iroquois Gas Transmission System | Tom Gwilliam | | | |
| WGQ | pl | | Kern River Gas Transmission Company | Janie Nielsen | Y | | |
| WGQ | l | | KeySpan Energy | Dolores Chezar | Y | | |
| RGQ | d | | KeySpan Energy Delivery | Nancy Cianfone | | | |
| WGQ | l | | Laclede Gas Co. | Kenneth Neises | | | |
| RGQ | s | | Latitude Technologies | Leigh Spangler | | | |
| WGQ | s | | Latitude Technologies | Leigh Spangler | | | |
| WGQ | s | | Louis Dreyfus Energy Services L.P. | Mary Ellen Bell, Ruby H. Melton | | | |
| WGQ | e | | Lower Colorado River Authority | Mickey Bell | | | |
| WGQ | pr | | Marathon Oil Company | Robin Perrine | | | |
| WEQ | e | comres | Maryland People's Counsel | Seva Diakoparaskevas | | | |
| WGQ | pr | | Mewbourne Oil Company | Michael F. Shepard | | | |
| WEQ | t | itc | Michigan Electric Transmission Company LLC | Charles V. Waits | | | |
| WEQ | d | muni | Michigan Public Power Agency | James R. Nickel, Daniel E. Cooper | | | |
| REQ | d | | MidAmerican Energy | James E. Wilson | | | |
| WEQ | n | n | Midwest Independent Transmission System Operator | William (Bill) Phillips | | | |
| WEQ | m | niou | Mirant Corp. | Alde Warnock, Alan Johnson | | | |
| REQ | d | | Mississippi Power Company | Dorman Davis, Yvette Camp | | | |
| WEQ | d | muni | Missouri River Energy Services | Brian Zavesky | | | |
| WEQ | t | muni | Modesto Irrigation District | Roger Van Hoy | | | |
| WEQ | e | reg | National Association of Regulatory Utility Commissioners | Lou Ann Westerfield | | | |
| WGQ | l | | National Fuel Gas Distribution | Michael Novak | Y | | |
| RGQ | d | | National Fuel Gas Distribution Corporation | Mike Novak | Y | | |
| WGQ | pl | | National Fuel Gas Supply Corp. | Joseph Kardas | | | |
| WEQ | t | itc | National Grid USA | Masheed Rosenqvist, Peter Flynn, Mary Ellen Paravalos | Y | | |
| WEQ | d | muni/coop | National Rural Electric Cooperative Assoc. | Barry Lawson | | | |
| WGQ | pl | | Natural Gas Pipeline Co of America | Paul Love | | | |
| WEQ | e | reg | New York State Dept. of Public Service | William Heinrich | Y | | |
| RGQ | d | | Niagara Mohawk | James Dillon | | | |
| WGQ | l | | Niagara Mohawk Power Corporation | Bruce Garcy | Y | | |
| WGQ | l | | Nicor Gas | Nancy Brucher | | | |
| RGQ | d | | NiSource Inc. | Mark T. Maassel | Y | | |
| WGQ | l | | NiSource Inc. | M. Christopher Maturo | | | |
| WEQ | d | muni | North Carolina Electric Membership Corporation | David Beam | | | |
| WEQ | d | muni | North Carolina Electric Municipal Power Agency #1 | Andrew Fusco | | | |
| WEQ | m | muni | North Carolina Electric Municipal Power Agency #1 | Clay A. Norris | | | |
| WEQ | t | iou | Northeast Utilities Service Company | David Boguslawski, Bill P. McKinnon | | | |
| WGQ | pl | | Northern Natural Gas | Mary Darveaux | | | |
| RGQ | e | | Northwest Industrial Gas Users | Paula E. Pyron | Y | | |
| WGQ | l | | Northwest Natural Gas Company | Randolph Friedman | | | |
| WGQ | pl | | NOVA Gas Transmission Ltd. | Doug Miller | | | |
| WGQ | pr | | Occidental Energy Marketing Inc. (OEMI) | Carol Wilson | | | |
| REQ | e | | Office of Public Advocate, State of Maine | Barbara Alexander | Y | | |
| WEQ | g | muni | Oglethorpe Power Corporation | Billy Ussery | | | |
| REQ | e | | Ohio Consumers Council | Randy Corbin | Y | | |
| RGQ | e | | Ohio Consumers Council | Bruce M. Hayes | | | |
| WEQ | e | comres | Ohio Consumers Council | Randy Corbin | | | |
| WEQ | g | muni | Old Dominion Electric Cooperative | James N. Kimball | | | |
| WEQ | g | merc | Ontario Power Generation | Barry Green | | | |
| WEQ | m | niou | Ontario Power Generation | Ron Robinson | | | |
| WEQ | e | enduse | Open Access Technology International, Inc. | Kevin Burns | | | |
| WGQ | l | | Pacific Gas & Electric | John Breen | | | |
| WEQ | g | iou | PacifiCorp | Greg Maxfield | | | |
| WEQ | m | iou | PacifiCorp | Edison G. Elizeh | | | |
| WEQ | t | iou | PacifiCorp | Jim Hicks, Darrell Gerrard | | | |
| WGQ | pl | | Panhandle Eastern Pipe Line | Bill (William) Grygar, Kim Van Pelt | Y | | |

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| | | Sub | NAESB Member | Member Contact | Support | Oppose | Abstain |
| WGQ | | l | PECO Energy Co. | Reed R. Horting, Amy Hamilton | Y | | |
| WGQ | | s | Pemex Gas Y Petroquimica Basica | Juan Enrique Gonzales Azuara | | | |
| REQ | | e | Pennsylvania Office Of Consumer Advocate | Tanya J. McCloskey, Sonny A. Popowsky | Y | | |
| RGQ | | e | Pennsylvania Office of Consumer Advocate | Tanya J. McCloskey, Stephen Keene | Y | | |
| WGQ | | l | Peoples Gas Light & Coke Co. | Raulando de Lara, George E. Rieger | | | |
| RGQ | | d | Peoples Gas System | Rachel Gebhardt | | | |
| RGQ | | d | Philadelphia Gas Works (APGA billing: Bert Kalisch) | Joe Stengel, Craig White | Y | | |
| WEQ | | t muni | Platte River Power Authority | Terry L. Baker | | | |
| WGQ | | s | Platts | Bill Murphy | | | |
| WEQ | | m iou | Portland General Electric | Terri Peschka | | | |
| WGQ | | pl | Portland General Electric | Kathy Davies | | | |
| WGQ | | pl | Portland Natural Gas Transmission System | David Morgan | | | |
| WEQ | | t iou | PPL Electric Utilities Corporation | Ray Mammarella | | | |
| WGQ | | e | PPL EnergyPlus, LLC | Anne Lovett | | | |
| REQ | | s | PPLSolutions, LLC | James M. Minneman | | | |
| WEQ | | g merc | PPM Energy, Inc. | Don Winslow | | | |
| WEQ | | m iou | PPM Energy, Inc. | Don Winslow | | | |
| WGQ | | e | PPM Energy, Inc. | Scott Hannigan | | | |
| WEQ | | m iou | Progress Energy | Micheal Settlage | | | |
| WEQ | | t iou | Progress Energy | Veme Ingersoll, Phillip W. Lewis | Y | | |
| WGQ | | s | Prospect Energy | Lyn Maddox | | | |
| WEQ | | m iou | PSEG Energy Resources and Trade LLC | James D. Hebson | | | |
| WEQ | | g merc | PSEG Power LLC | Thomas M. Piascik | | | |
| REQ | | d | Public Service Electric & Gas | Terrence Moran | Y | | |
| WGQ | | l | Public Service Electric & Gas | David Wohlfarth | | | |
| RGQ | | d | Public Service Electric & Gas Company | Mike Coyle | | | |
| WEQ | | d nd | Public Service Electric and Gas Company | Colin J. Loxley | Y | | |
| WEQ | | t nd | Public Service Electric and Gas Company | Jeffrey C. Mueller | | | |
| WEQ | | t niou | Puget Sound Energy, Inc. | George Marshall, Bob Harshbarger | Y | | |
| WGQ | | pl | Questar Pipeline Co. | Scott Hansen | Y | | |
| WGQ | | s | Quorum Business Solutions Inc. | Douglas Allen | | | |
| RGQ | | s | R. J. Rudden Associates, Inc. | Richard J. Rudden, John D. Charbonneau, Don Sytsma | Y | | |
| REQ | | su | Reliant Energy Retail Services, LLC | Derek Mauzy | | | |
| WGQ | | e | Reliant Energy Services, Inc. | Gary Hinners, John Orr, Janie Mitcham | Y | | |
| WGQ | | pl | Sabine Pipe Line LLC | Jan Rogers | | | |
| WEQ | | d muni | Sacramento Municipal Utility District | Robert D. Schwermann | | | |
| WEQ | | g muni | Sacramento Municipal Utility District | Thomas Ingwers | Y | | |
| WGQ | | e | Salt River Project Agricultural Improvement & Power District | Diane McVicker | Y | | |
| WEQ | | d other | Salt River Project Agricultural Improvement and Power District | Wendy Weathers, Mark B. Bonsall | Y | | |
| WEQ | | t fed | Salt River Project Agricultural Improvement and Power District | Steve Cobb | | | |
| REQ | | d | Savannah Electric and Power Company | Lamar Kearson | | | |
| WGQ | | pl | SCANANA Corporation | Jacquelyn Gettle | | | |
| WEQ | | g muni | Seminole Electric Cooperative, Inc. | Lane Mahaffey | | | |
| WEQ | | t muni | Seminole Electric Cooperative, Inc. | Glenn Spurlock | | | |
| WGQ | | l | Sempra Energy - Southern California Gas Co. | Lee Stewart, Rodger Schwecke | Y | | |
| WGQ | | s | Sequent Energy Management, L.P. | Pat Metteauer | | | |
| RGQ | | su | Shell Energy Services | Harry Kingerski | | | |
| WGQ | | pl | Shell Gas Transmission, LLC | Chuck Cook | | | |
| WGQ | | s | SolArc Inc. | Tim Curtis | | | |
| WEQ | | g fed | Southeastern Power Administration | Bob Goss | | | |
| REQ | | d | Southern California Edison | Gail Higashi | | | |
| WEQ | | t iou | Southern California Edison | Ronald D. Nunnally | | | |
| WGQ | | e | Southern California Edison Company | Roman Bakke | | | |
| REQ | | s | Southern Company Services | Mark S. Jarrett, Yvette Camp | Y | | |
| WEQ | | d iou | Southern Company Services, Inc. | Gary Rozier, Jim Miller, Greg Butrus | | | |
| WEQ | | g iou | Southern Company Services, Inc. | Tony A. Reed | Y | | |
| WEQ | | m iou | Southern Company Services, Inc. | Joel Dison | Y | | |
| WEQ | | t iou | Southern Company Services, Inc. | R. D. (Dean) Ulich, John Lucas | | | |
| WGQ | | e | Southern Company Services, Inc. | Carl Haga | | | |
| WGQ | | pl | Southern Natural Gas Co. | Prince McDougal | | | |
| WGQ | | pl | Southern Star Central Gas Pipeline | James L. Harder, Dale Sanders | Y | | |
| WGQ | | l | Southwest Gas Corporation | Larry Black | | | |
| WEQ | | n n | Southwest Power Pool | Carl Monroe | | | |
| WEQ | | t muni | Southwest Transmission Cooperative, Inc. | Larry D. Huff | | | |
| WEQ | | g fed | Southwestern Power Administration | Forrest E. Reeves | | | |
| WEQ | | t fed | Southwestern Power Administration | Stanley L. Mason | | | |
| RGQ | | su | Stand Energy Corporation | John M. Dosker | Y | | |
| REQ | | s | Structure Group | Stacey Wood | | | |
| WEQ | | t muni | Sunflower Electric Power Corporation | L. Earl Watkins, Carrol Waggoner | | | |

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| WGQ | s | | SunGard Energy Systems | Chuck McClure, Jennifer Chen | | | |
| RGQ | s | | SunGard EnForm Consulting | David F. Pfeifer | | | |
| RGQ | s | | Systrends | Dave Darnell | | | |
| WGQ | s | | Telvent USA, Inc. | Glenn Irwin, William (Bill) Morrow | | | |
| WEQ | g | merc | Tenaska, Inc. | Scott Helyer | Y | | |
| WEQ | d | other | Tennessee Valley Authority | Ron L. Owens | | | |
| WEQ | g | fed | Tennessee Valley Authority | William F. Irish | | | |
| WEQ | m | fed | Tennessee Valley Authority | Jim A. Ingraham | Y | | |
| WEQ | t | fed | Tennessee Valley Authority | Mitchell Needham, W. Terry Boston | | | |
| WGQ | e | | Tennessee Valley Authority | Valerie Crockett | Y | | |
| WGQ | pl | | Texas Gas Transmission, LLC | Jeff Bittel | | | |
| WGQ | s | | Tiger Natural Gas | Tracy Phillips | | | |
| WGQ | s | | Tractebel Energy Marketing, Inc. | Mark Hodges | | | |
| WGQ | pl | | TransCanada Pipelines | Doug Miller | | | |
| WEQ | t | itc | TRANS-ELECT, INC. | Paul D. McCoy | Y | | |
| WGQ | pl | | Transwestern Pipeline Co. | Donna Scott, Shelley Corman | Y | | |
| WGQ | s | | Trinity Apex Solutions, Inc. | Matt Armstrong | | | |
| WEQ | t | muni | Tri-State Generation and Transmission Association, Inc. | Bruce Sembrick | | | |
| WEQ | m | muni | Tri-State Generation and Transmission Association, Inc. | Thomas A. Smith | Y | | |
| WEQ | m | niou | TXU Business Services | Elizabeth Howland | | | |
| WEQ | t | iou | TXU Electric Delivery | Ellis Rankin, Debbie McKeever | | | |
| REQ | su | | TXU Energy Retail | Felecia Lokey | | | |
| WGQ | s | | TXU Energy Trading Co. | Mike Grim | Y | | |
| WGQ | pl | | TXU Lone Star Pipeline Company | Steve Easley | | | |
| RGQ | su | | UBS Energy LLC | Suzanne Calcagno | | | |
| WEQ | m | niou | UBS Energy LLC | Suzanne Calcagno | | | |
| WGQ | s | | UBS Energy LLC | Suzanne Calcagno | | | |
| RGQ | d | | UGI Utilities, Inc. | Paul Szykman | | | |
| RGQ | d | | Union Gas | Greg Tetreault | Y | | |
| WGQ | pl | | Vector Pipeline L.P. | Amy Bruhn | | Y | |
| WEQ | g | muni | Vermont Public Power Supply Authority | William J. Gallagher | Y | | |
| WGQ | l | | Washington Gas Light Co. | Adrian Chapman, Tim Sherwood, Jennifer Deegan | Y | | |
| WEQ | d | iou | We Energies (Wisconsin Electric) | Linda Horn | Y | | |
| WEQ | g | iou | We Energies (Wisconsin Electric) | James R. Keller | Y | | |
| WEQ | m | fed | Western Area Power Administration | Jeffrey Ackerman | | | |
| WEQ | t | fed | Western Area Power Administration | Mark Fidrych | | | |
| WGQ | l | | Westfield Gas & Electric Light Dept. | Joyce Bodak | | | |
| WGQ | pl | | Williams Gas Pipeline | Dale Davis, Ron Mucci | Y | | |
| WGQ | pl | | Williston Basin Interstate Pipeline | Keith Tiggelaar | | Y | |
| WEQ | d | muni | Wisconsin Public Power Inc. | Mike Stuart | | | |
| REQ | d | | Wisconsin Public Service Corporation | William L. Bourbonnais, Les Nishida, Ken Thiry | Y | | |
| RGQ | d | | Wisconsin Public Service Corporation | William Bourbonnais, Glen R. Schwalbach, Les Nishida | | | |
| WEQ | g | iou | Wisconsin Public Service Corporation | William Bourbonnais, Charles W. Severance | | | |
| WGQ | l | | Wisconsin Public Service Corporation | Patrick Fox | | | |
| RGQ | d | | Xcel Energy | Don Bastler | | | |
| WEQ | m | iou | Xcel Energy Inc. | Steven J. Beuning | | | |
| Votes Submitted: | | | | | 93 | 5 | 0 |
| Votes by Proxy: | | | | | 222 | 0 | 0 |
| RESULTS | | | | | Votes Supporting | Votes Opposing | Percentage Affirmative Votes |
| Total Votes: | | | | | 315 | 5 | 98.44% |



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

Via email

TO: NAESB Board Members
FROM: Rae McQuade, NAESB Executive Director
RE: **2005 Calendar of Board Meetings**
DATE: November 16, 2004

Dear NAESB Board Members -

Below is the 2005 meeting schedule for Board of Director meetings. All meetings will be accessible by phone, and meeting materials for each meeting will include a ballot for notational voting on any items that are not decided by simple majority.

| | |
|------------------------|---|
| Thursday, March 3 | 9am – 1:00 pm Central time Houston, TX at IAH Airport Marriott Hotel |
| Thursday, June 16 | 9am – 1:00 pm Central time Houston, TX at IAH Airport Marriott Hotel |
| Thursday, September 22 | 9am – 1:00 pm Central time Houston, TX at IAH Airport Marriott Hotel |
| Tuesday December 13 | 9am – 1:00 pm Central time Houston, TX at IAH Airport Marriott Hotel |