October 6, 2022

**TO:** NAESB Board of Directors, Executive Committee (EC) Members, EC Alternates, and Invited Guests

**FROM:** Jonathan Booe, NAESB Executive Vice President & COO

**RE:** Draft Minutes from the NAESB Board of Directors Meeting – September 1, 2022

**NAESB BOARD OF DIRECTORS MEETING & MEETING OF THE MEMBERS**

**Hybrid Meeting**

**Thursday, September 1, 2022 – 9:00 a.m. to 1:00 p.m. Central**

**Draft Minutes**

1. **Administration and Welcome**

Mr. Desselle opened the meeting and welcomed the board members and guests to the Board of Directors meeting and the annual Meeting of the Members. Mr. Desselle reminded the participants that the meeting is being transcribed and asked that those participating through the Zoom platform monitor the mute and unmute features during the meeting. Mr. Booe referenced the NAESB Antitrust and Other Meeting Policies that will be followed during the meeting. Quorum was established. Mr. Desselle noted that the meeting was the first board meeting held in-person in three years and welcomed the new members to the Board of Directors and thanked the outgoing members for their service.

1. **Adoption of the Consent Agenda**

Mr. Desselle reviewed the consent agenda, which included the [agenda](https://www.naesb.org/pdf4/bd090122a.docx), the draft [minutes](https://www.naesb.org/pdf4/bd041422fm.docx) from the April 14, 2022 Board of Directors meeting, and the 2022 [Wholesale Gas](https://www.naesb.org/pdf4/bd041422a3.docx), [Wholesale Electric](https://www.naesb.org/pdf4/bd041422a2.docx), and [Retail](https://www.naesb.org/pdf4/bd041422a1.docx) annual plans. Mr. Evans-Mongeon moved to adopt the consent agenda and Mr. Peress seconded the motion. The motion passed without opposition.

1. **Meeting of the Members and Strategic Session**

Mr. Desselle opened the meeting of the members and the NAESB strategic session by introducing the guest speaker, Pat Wood, III. Mr. Desselle noted his many accomplishments, including his service as Chairman of the Federal Energy Regulatory Commission (FERC or Commission) and Public Utility Commission of Texas and asked Mr. Wood to provide any guidance he may have for NAESB moving forward. Mr. Wood thanked Mr. Desselle for inviting him to the Board of Directors meeting and provided his perspectives on the recent request by the Commission and the North American Electric Reliability Corporation (NERC) to NAESB to host the industry gas and electric market coordination forum described in Recommendation 7 of the FERC, NERC, and Regional Entity Staff Report on the February 2021 Cold Weather Outages in Texas and the South Central United States (Report). Mr. Desselle thanked him for his remarks, and Ms. McQuade and Mr. Booe thanked Mr. Wood, Mr. Gee and Ms. Tierney for their willingness to lead the forum as co-chairs.

Next, Mr. Desselle asked Mr. Ellsworth to introduce the invited guests and Advisory Council members participating in the meeting and initiate the strategic session portion of the agenda. Mr. Ellsworth reviewed the topics of the February Advisory Council meeting and introduced Mr. Simon, Ms. Lee, Ms. Foss, Ms. Hollis, Mr. Smead, Mr. Gee, and Mr. Thorn. He asked them to provide any recommendations that they may have for the Board of Directors to consider in the coming year. Through discussion, the following points were highlighted by the invited guests, board members, and Advisory Council members:

* With the increased frequency of denial of service, ransomware and other cyber-attacks, it is extremely important that the industry undertake tabletop exercises and translate the resulting mitigation strategies into standards on a regular basis.
* In addition to analyzing how natural gas supply chain disruptions from extreme weather can impact the bulk electric grid, a focus should also be placed on cybersecurity disruptions and scenario planning for those events.
* NAESB should monitor the cybersecurity rulemaking activities underway within the Transportation Security Administration.
* There may be opportunities for NAESB to provide stabilization through standards in the very dynamic energy market, and the Board of Directors should be looking for those opportunities.
* Any solutions that are developed in response to the request of FERC and NERC on gas and electric market coordination should be forward looking and consider how the energy markets will work in the future, including a growing Liquified Natural Gas market.

Mr. Desselle thanked the guests for their participation and adjourned the meeting of the members and the strategic session of the board.

1. **Membership and Financial Reports**

Ms. McQuade reviewed the membership and financial [report](https://www.naesb.org/misc/finance_membership_report_June2022.pdf) with the participants. She noted that both revenues were higher than expected for the year and that the expenses have remained both under budget and under last year’s actuals. As a result, we are expecting to contribute $123,319 to our retained earnings at the end of the year. Ms. McQuade also noted the organization’s very healthy cash position, which can be attributed to the Small Business Loan increase that the Managing Committee previously approved. Mr. Desselle asked if there were any questions or comments. None were offered.

1. **Reports from Board Committees**

Managing Committee:Mr. Desselle stated that the Managing Committee met on August 22, 2022 for the purpose of discussing staff performance and to review a preliminary budget for 2023. During the meeting the committee also approved a recommendation to move a portion of the organization’s cash balance into an interest-bearing account and the comments provided by the NAESB WEQ Standards Review Committee on the NERC Reliability Standards Development Plan for 2023. The possibility of holding only one face-to-face Board of Directors meeting in 2023 was discussed, and it was agreed that a final decision will be forthcoming.

Revenue Committee: Mr. Desselle provided a report of the Revenue Committee activities since the last board meeting, noting that the committee met on August 22, 2022. He stated that during the meeting, the committee members reviewed their standing agenda item regarding the external communications of the organization and discussed the status of the financials through June as presented by Ms. McQuade in agenda item four. He noted that the committee also discussed the existing non-member policies put into place over a decade ago, and noted that the committee may bring recommended changes to the next meeting that will ensure that the policies are still incentivizing membership.

Board Strategy Committee: Mr. Desselle stated that the committee also met on August 22, 2022 to review the results of the 2022 NAESB Standards Development Survey, and that the committee will hold a follow-up meeting in the coming months to determine if any recommendations should be made to the Board of Directors.

**6. Standards Development Efforts**

Mr. Desselle asked the chairs of the Executive Committees and subcommittees to provide an update on the standards development activities underway to support [energy storage and distributed energy resources](https://www.naesb.org/misc/energy_storage_der_update081022.docx), the [renewable and certified natural gas contract](https://www.naesb.org/misc/rng_cg_update081122.docx), the [renewable energy certificate contract](https://www.naesb.org/misc/rec_update081122.docx), and [cybersecurity](https://www.naesb.org/misc/board_cybersecurity_update081122.docx). The updates were provided by Mr. Phillips, Mr. Sappenfield, and Mr. Buccigross. Mr. Peress asked Mr. Sappenfield if he believed that the appropriate parties were participating in the development of the renewable natural gas contract and whether there has been a good level of engagement. Mr. Sappenfield responded that the support of the Renewable Natural Gas Coalition along with those in California market that have been trading these commodities has been very helpful and that he believes the right people are assisting in the development of the contract. Mr. Booe noted that there has been significant non-member participation in both efforts.

**7. Old and New Business**

Mr. Booe provided an update of the regulatory activities of the organization and continued communications with the Department of Energy, the FERC, the American National Standards Institute (ANSI), the National Petroleum Council and NERC among others. He specifically noted that the activities in response to the letter from FERC and NERC concerning the Recommendations 7 and 24 of the Report, and thanked the commitment from Jim Robb, Chairman Glick, and Greg White to initiate the effort. He stated that, in consult with the Chairs of the forum, the initial set of meetings will be held utilizing the Zoom platform as the cost of hosting these meetings virtually can be absorbed under the current budget.

Mr. Desselle asked if there were any additional comments the invited guest or board members would like to make. Mr. Lauby thanked NAESB for moving forward with the forum and stated that NERC is fully committed to supporting the effort in any way possible. Mr. Peress stated that he would like to note that standardization in the areas of hydrogen trading and carbon capture may be appropriate for NAESB in the near future given the current policy evolution and that the organization should monitor those areas closely. Mr. Desselle thanked everyone for their participation.

**8. Adjourn**

The meeting adjourned at 11:30 am Central.

| **9. Board Attendance** | | **Attendance** |
| --- | --- | --- |
| **Wholesale Gas Quadrant Producers Segment** | | |
| Brandon Guderian | Manager, Gas Marketing, Devon Energy Corporation | Phone |
| Chris Russo | Global Regulatory Affairs & Public Policy, Exxon Mobil Corporation | In Person |
| Sarah Tomalty | Senior Regulatory Affairs Advisory, BP America Inc. (BP Energy) | Phone |
| Tori Kuykendall | Vice President Gas Scheduling & Operations, ConocoPhillips Company | In Person |
| **Wholesale Gas Quadrant Pipeline Segment** | | |
| Steven W. McCord | Manager, NAESB, Compliance and Reporting, TC Energy Corporation | In Person |
| Ronnie Hensley | Scheduling Analyst, Southern Star Central Gas Pipeline | Phone |
| Gene Nowak | Vice President – Transportation & Storage Services, Kinder Morgan Inc | In Person |
| Megan Miller | Manager, FERC Compliance, Enbridge (U.S.) Inc. | Phone |
| Kim Van Pelt | Manager of Regulatory Reporting and Compliance, Boardwalk Pipelines | In Person |
| **Wholesale Gas Quadrant Local Distribution Company (LDC) Segment** | | |
| Craig Colombo | LDC Gas Supply Strategic Advisor, Dominion Energy Inc. |  |
| Tim Sherwood | Vice President – Gas Supply Operations, Southern Company Gas | Phone |
| Naim Jonathan Peress | Senior Director of Regulatory Affairs, Southern California Gas Company | In Person |
| Matt Agen | Assistant General Counsel, American Gas Association | Phone |
| Pete Koszalka | Director of Core Gas Supply, Pacific Gas and Electric Company | Phone |
| **Wholesale Gas Quadrant End Users Segment** | | |
| Valerie Crockett | Senior Program Manager – Regulatory & Policy, Tennessee Valley Authority | Phone |
| Paul Zhang | Financial Trading Desk Head, Florida Power & Light Company |  |
| Willis E. McCluskey | Senior Fuel Supply Analyst, Salt River Project Agricultural Improvement & Power District | Phone |
| Brad Decker | Senior Advisor, Midcontinent Independent System Operator | Phone |
| Joshua Phillips | Lead Policy Analyst, Southwest Power Pool | In Person |
| **Wholesale Gas Quadrant Services Segment** | | |
| Greg Lander | President, Skipping Stone, LLC | Phone |
| Rakesh Agrawal | Executive Vice President, Blackstone Technology Group, Inc. |  |
| Courtney Harmon | Senior Project Manager, Quorum Software | Phone |
| Michelle Brocklesby | Director, Latitude Technologies, and ESG Company | Phone |
| David Cox | Founder & CFO, Coalition for Renewable Natural Gas | Phone |
| **Retail Energy Quadrant Electric Utilities Segment** | | |
| Debbie McKeever | Market Advocate, Oncor Electric Delivery Company LLC | In Person |
| Brandon Stites | Director - Electric Distribution Construction, Dominion Energy | Phone |
| Don Brundage | Principal Engineer, Southern Company Services, Inc. | Phone |
| **Retail Energy Quadrant Gas Market Interests Segment** | | |
| Leigh Spangler | Representative, Latitude Technologies, an ESG Company | Phone |
| Donnie Sharp | Senior Natural Gas Supply Coordinator, Huntsville Utilities, (APGA) | Phone |
| Dave Darnell | President & CEO, Systrends USA | Phone |
| **Retail Energy Quadrant Electric End Users/Public Agencies Segment** | | |
| Tobin Richardson | President and CEO, ZigBee Alliance |  |
| Catherine Meiners | Retail Data Analyst Sr., Electric Reliability Council of Texas (ERCOT) | Phone |
| **Retail Energy Quadrant Electric Service Providers/Suppliers Segment** | | |
| J. Cade Burks | President, Big Data Energy Services | Phone |
| Jeremy J. Roberts | General Manager & Executive Director, Green Button Alliance | Phone |
| Emil Pena | President, EPII | Phone |
| **Wholesale Electric Quadrant Transmission Segment** | | |
| Heather Burnette | Manager – Stakeholder Services & Contracts, Tennessee Valley Authority | Phone |
| Scott Hall | Manager, Operations Engineering, Entergy Services, Inc. | Phone |
| Wesley P. Barber | Project Manager, Transmission Policy and Services, Southern Company Services, Inc. | Phone |
| Brian McConnell | Manager, Transmission Commercial Systems Management, Bonneville Power Administration | Phone |
| Robert DeMelo | Senior Manager, Transmission Services, Seminole Electric Cooperative | Phone |
| **Wholesale Electric Quadrant Generation Segment** | | |
| David Canter | Manager, RTO & Public Policy, American Electric Power Service Corp. | Phone |
| Karen Utt | Climate Policy Sr. Program Manager, Sustainability & Climate, Tennessee Valley Authority | Phone |
| Brad Cox | Vice President – Markets & Compliance, Tenaska, Inc. | Phone |
| Derek Mauzy | Director, Market Research/Competitive Intelligence, NRG Energy, Inc. | Phone |
| Paul Hughes | Generation Policy Manager, Regulatory Affairs and Energy Policy, Southern Company Services, Inc. | Phone |
| Brian Evans-Mongeon | Special Projects Chief, Vermont Public Power Supply Authority | In Person |
| **Wholesale Electric Quadrant Marketers/Brokers Segment** | | |
| Timothy Gerrish | Director of Origination – Energy Marketing & Trading, Florida Power & Light Company | Phone |
| Matt Pitcaithly | Manager, Power Trading – Real Time, Tennessee Valley Authority | Phone |
| Rebecca Johnson | Transmission Advisor, Western Area Power Administration | Phone |
| Lisa Simpkins | Director of Origination – Energy Marketing & Trading, Florida Power & Light Company | Phone |
| **Wholesale Electric Quadrant Distribution/Load Serving Entities (LSE) Segment** | | |
| David Crabtree | Director – Federal Regulatory Affairs, Compliance & Transmission Policy, Tampa Electric Company | Phone |
| Bruce Ellsworth | New York State Reliability Council | In Person |
| Mark G. Lauby | Senior Vice President and Chief Engineer, North American Electric Reliability Corporation | In Person |
| Nelson Peeler | Vice President – Transmission System Planning and Operations, Duke Energy Corporation | Phone |
| **Wholesale Electric Quadrant End Users Segment** | | |
| Keith Sappenfield | Principal, Project Strategy, Corpus Christi Liquefaction, LLC | In Person |
| Howard Gugel | Vice President of Engineering and Standards, North American Electric Reliability Corporation |  |
| Leo Grove | President, SSL.com | In Person |
| Jerry Dempsey | Executive Vice President - Business Development, Sales and Marketing, OATI | Phone |
| **Wholesale Electric Quadrant Independent Grid Operators/Planners** | | |
| Gregory Campoli | Manager, Reliability Compliance and Industry Affairs, New York Independent System Operator, Inc. (NYISO) | Phone |
| Michael Desselle | VP & Chief Compliance and Administrative Officer, Southwest Power Pool | In Person |
| Bobby Welch | Principal Advisor, Standards & Assurance, California ISO | Phone |
| Stephen George | Manager, Operational Performance, Training & Integration, ISO New England, Inc. | In Person |
| Brian Jacobsen | Manager of Enterprise Model Management, California ISO |  |
| Joe Ciabattoni | Director - Dispatch, PJM Interconnection, LLC | Phone |
| **Wholesale Electric Quadrant Technology and Services** | | |
| David A. Wollman | Deputy Director, Smart Grid and Cyber-Physical Systems Program Office (NIST Engineering Laboratory), National Institute of Standards and Technology (NIST) | Phone |
| Jim Buccigross | Vice President – Energy Industry Practice, 8760 Inc. | Phone |
| Bryan Kelly | Vice President, Power Costs, Inc. | Phone |
| Mark Stultz | Managing Partner, EVC Insights, LLC |  |
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| **10. Other Attendance** |  |  |
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| **Name** | **Organization** | **ATTENDANCE** |
| Carolyn Arens | Williams | In Person |
| John Babik | JEA | Phone |
| Vicky Bailey | Anderson Stratton Enterprises, LLC | Phone |
| Jonathan Booe | NAESB Office | In Person |
| Bill Boswell | NAESB General Counsel | In Person |
| Leah Butler | Public Service Company of New Mexico | Phone |
| Christopher Burden | Enbridge (U.S.) Inc. | In Person |
| Pete Connor | American Gas Association | Phone |
| Chuck Cook | Chevron | Phone |
| Debbie Currie | SPP | In Person |
| Dustin DeGroff | Tenaska | Phone |
| Dr. Michelle Foss | Rice University | In Person |
| Kathryn Ferreira | New Jersey Natural Gas | Phone |
| Karen Frank | MISO | Phone |
| Bob Gee | Gee Strategies Group, LLC | In Person |
| Bobby Goel | TVA | Phone |
| Mark Gracey | Kinder Morgan | In Person |
| Rachel Hogge | Eastern Gas Transmission & Storage | Phone |
| Alan Johnson | NRG Energy | Phone |
| Darryl Kilpatrick | Golden Triangle Storage | Phone |
| Matt Kura | Arizona Public Service Company | Phone |
| Renee Lani | APGA | Phone |
| Eric Larson | MountainWest Pipeline | Phone |
| Annabelle Lee | Nevermore Security | Phone |
| Scott Lewter | Duke Energy Corp. | Phone |
| Nichole Lopez | Kinder Morgan | In Person |
| Steven Lowe | Southern Company | Phone |
| Elizabeth Mallett | NAESB Office | In Person |
| Steve McCord | TC Energy | In Person |
| Shawn McGovern | Occidental Petroleum | In Person |
| Rae McQuade | NAESB Office | In Person |
| Valerie McQuade | NAESB Guest | Phone |
| Enrico Montesa | Power Authority of the State of New York | Phone |
| Sandra Montes de Oca | NAESB Office | In Person |
| Byron Reischl | Arizona Public Service Company | Phone |
| Martha Rendon | Emerson Automation Solutions | Phone |
| Debbie Santolin | Southern Company Gas | Phone |
| Lindsey Saunders | Quorum Software | Phone |
| Nancy Senger | WBI Energy Transportation | Phone |
| Lisa Sieg | LG&E and KU Services Company | Phone |
| Timothy Simon | TAS Strategies | Phone |
| Rick Smead | RBN Energy | In Person |
| William Szubielski | Emera | Phone |
| Harold Taylor | Seminole Electric Cooperative | Phone |
| Veronica Thomason | NAESB Office | In Person |
| Terry Thorn | JKM Energy & Environmental Consulting | In Person |
| Caroline Trum | NAESB Office | In Person |
| Kim Van Pelt | Boardwalk Pipelines | In Person |
| Jill Vaughan | Court Reporting | In Person |
| Sam Watson | North Carolina Utilities Commission Rep. NARUC | Phone |
| Mark Wilke | Castleton Commodities Merchant Trading | Phone |
| Emily Wong | APGA | Phone |
| JT Wood | Southern Company Services | Phone |
| Pat Wood | Hunt Energy Network | Phone |
| Ken Yagelski | Southern Company Gas | In Person |
| Charles Yeung | SPP | Phone |
| Sheikh Zulkader | CAISO | Phone |