



North American Energy Standards Board
June 10, 2015

Federal Energy Regulatory Commission Technical Conference
on Electronic Filing Protocols for Commission Forms
[Docket No. AD15-11-000]



Background



Origin and Scope:

- The North American Energy Standards Board (NAESB), originally the Gas Industry Standards Board (GISB), serves as an industry forum for the development and promotion of standards which will lead to a seamless marketplace for wholesale and retail natural gas and electricity, as recognized by its customers, business community, participants, and regulatory entities.
- GISB est. 1994 / NAESB est. 2001
- Strong relationships with the Federal Energy Regulatory Commission (FERC), National Association of Regulatory Utility Commissioners (NARUC), Department of Energy (DoE), and various state regulatory agencies



Standards and Other Products & Services:

- Wholesale Electric Market Standards: ~2,000
- Wholesale Gas Market Standards: ~600
- Retail Market Standards: ~1,400

- Other Products & Services
 - The Electric Industry Registry
 - e-Tag Functional Specification
 - Common Coding System for Interstate Pipelines
 - Certifications
 - Courses



Organization by Quadrant and Segment:

Wholesale Gas – 5 Segments

1. End Users
2. Local Distribution
3. Pipelines
4. Producers
5. Services

Retail Markets – 4 Segments

1. Retail Electric End Users/Public Agencies
2. Retail Gas Market Interests
3. Retail Electric Utilities
4. Retail Electric Service Providers/Suppliers

Wholesale Electric – 7 Segments

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|----------------------|--|
| 1. End Users | 5. Generation |
| 2. Distribution/LSE | 6. Independent Grid Operators/Planners |
| 3. Transmission | 7. Technology and Services |
| 4. Marketers/Brokers | |



Two governing bodies with identical structures:

- Board of Directors – strategic direction, financial well being, annual planning for standards development, coordination of activities with other groups
- Executive Committee – Carries out the annual plan, develops and maintains the standards and business practices through its subcommittees and task forces
- NAESB Staff – Administrative



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Board of Directors

- Direction of the Organization & Setting the Annual Plans

Executive Committee

- Standards Development

Strategy & Issue Definition

Membership

Liaisons

Organizational Structure & Support

Business Practices

Coding & Data

Technical Mapping



Process



Standards Development Process:

- The process followed is ANSI accredited -- ANSI accredits organizations as Standards Development Organizations (“SDO”) based on their adherence to ANSI’s cardinal principles of standards-setting.
- The process is open and any interested party can participate and contribute to the standards development regardless of membership in NAESB.
- Non-member Meeting Participation Fee



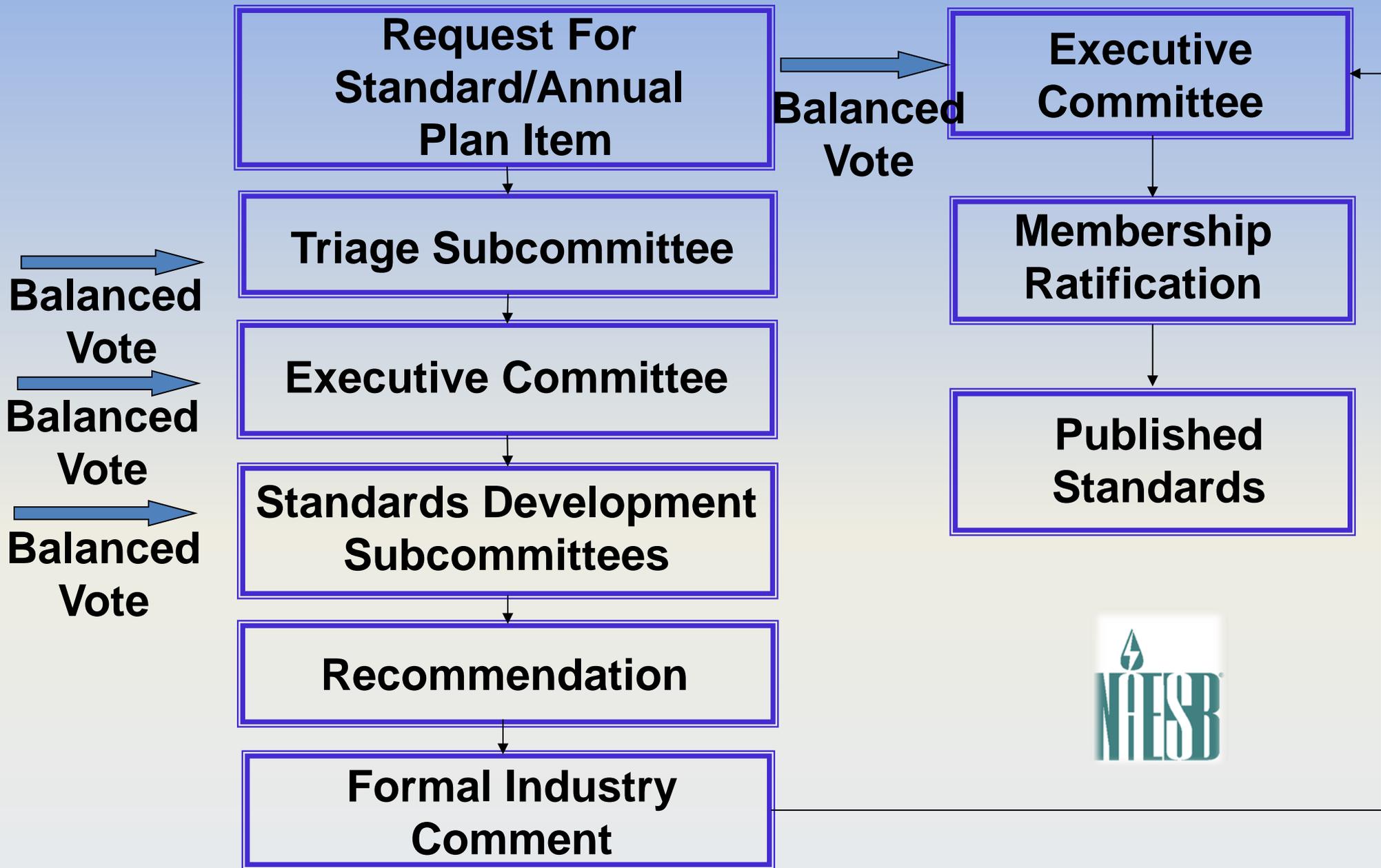
Voluntary Standards:

- From the organization's perspective, all standards are voluntary and may be provided to regulatory agencies as status reports as they are published.
- Regulatory agencies may choose to adopt standards or model business practices, but NAESB will not advocate such action.
- The organization will not monitor for compliance, provide performance measures for compliance, nor will it define sanctions for non-compliance.
- The organization will not advocate before any regulatory body.



Relationship of NAESB Standards and Model Business Practices to Policy:

- NAESB does not set policy.
- We defer to state and federal agencies in determining policy.
- Our work products are intended to focus on the implementation of policy decisions by providing a road map for the interactions between or among the various parties.
- Our standards and model business practices may support practices for alternative state regulatory models but leave the decision as to the applicable policy or model to the regulators.





Voting Thresholds:

- Executive Committee* -- 67% of each quadrant
(standards) 40% of each segment

- Subcommittees -- 50% balanced across
(standards) segments of each quadrant**

* Segment voting thresholds are applied to fully populated segments

** Each segment has up to two votes apportioned equally over those segment attendees present; one company – one vote



Balanced Voting at Subcommittee Level – WGQ Example:

<u>Segment</u>	<u>Votes Cast</u>		<u>Balanced Votes</u>	
	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>
Producer	5	2	1.43	0.57
Pipeline	6	6	1.00	1.00
LDC	6	0	2.00	0.00
End User	3	1	1.50	0.50
Service	0	1	0.00	1.00
Total	20	10	5.93	3.07

Multiple Quadrant Efforts

- Each quadrant will share an equal percent of the total vote



Voting Rules:

- Voting and Motion Making Including for Amendments follows Roberts Rules of Order
- Parliamentary Procedure other than those defined in our Certificate, Bylaws or Operating Practices is “Modern Parliamentary Procedure” published by the American Psychological Association
- Business subcommittees utilize a "balanced" segment voting process to forward recommendations on standards development
- Executive Committee approval requires a "super-majority“
- Membership ultimately ratifies all standards development



NAESB eTariff Effort



FERC Initiated Industry Effort:

- July 8, 2004 – FERC Notice of Proposed Rulemaking on Electronic Tariff Filings
- February 1, 2007 – Public meeting held with NAESB
 - NAESB eTariff Subcommittee & Technical Task Force
 - Wholesale Natural Gas, Wholesale Electric, Oil Pipelines, Interstate Natural Gas Pipelines, & Third Party Software Developers
- Commission provided Background Document with example fields and metadata



NAESB eTariff Subcommittee Activity:

- Sixteen meetings over twenty-four days between February 1, 2007 and January 25, 2008
- Nearly 1,000 participants in total
- Subcommittee Approval on January 25, 2008 – Unanimous Support (with abstentions)
- 30 day formal industry comment period ending on February 27, 2008
- 9 comments received



NAESB Executive Committee Approval & Ratification:

- Joint WEQ and WGQ Meeting on February 29, 2008
- Reviewed comments and made minor modifications in response
- Submitted for notational ballot due on March 4, 2008
- Passed super-majority vote (67% and 40% from each segment) in both quadrants
- Ratified by membership on April 4, 2008
- Submitted to Commission on April 15, 2008



Commission Action:

- Supplemental Notice of Proposed Rulemaking issued on April 17, 2008
- Final Order on September 19, 2008
- Implementation
 - Commission hosted testing site & subsequent technical conferences
 - 18 month implementation with staggered schedule



NAESB WEQ/WGQ eTariff Related Standards:

- 5 Definitions
 - Tariff Submitter
 - Tariff Filing
 - Tariff Record
 - Whole Document Format
 - Sheet-Based Format & Section-Based Format
- 2 Standards
 - Tariff Submitter should submit tariffs pursuant to the Standard
 - Tariff submittal should use one of the three described formats
- Implementation Guide



NAESB WEQ/WGQ eTariff Related Standards: *(cont.)*

- Technical Implementation of Business Process
 - General Purpose
 - Code Value Dictionary
 - Data Dictionary
 - Process Flow Diagram for FERC eFiling Web Portal
- Technical Specification
 - XML Schema
 - Use Cases
 - Example XML eTariff Filing Package
- Frequently Asked Questions



Standards Development Options



2015 WEQ & WGQ Annual Plan Items:

Develop and/or modify standards to support FERC Order Instituting Proceeding to Develop Electronic Filing Protocols for Commission Forms (Docket No. AD15-11-000)

- a. Develop business practices as needed to support electronic filing protocols for submittal of FERC Forms

Status: Not Started

Completion: TBD

Assignment: Joint WEQ/WGQ FERC Forms
Subcommittee



Considerations:

- Joint WEQ/WGQ FERC Forms Subcommittee Structure
 - Creation of Task Forces reporting to Subcommittee
 - Market focused, form focused, or as subcommittee
 - Sequencing of forms
 - Committee decision
 - Timeline for Completion
 - eTariff completed within one year
 - Initial support and work paper from Commission
 - Data structure already established



Participation:

- Open to all interested parties regardless of membership within NAESB
- Meeting participation fee for non-members
 - Waivers granted on a case-by-case basis
- Association of Oil Pipe Lines (AOPL)
 - Heavily participated in eTariff effort through trade association
 - Crossover in membership and non-member participation in NAESB



Questions/Contact Information:

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