



## Membership Benefits

Members of the North American Energy Standards Board are entitled to a number of benefits:

- *Voting privileges:* NAESB is a membership-driven organization and the actions taken by its Board of Directors on governance issues and by its Executive Committee on standards cannot take effect until NAESB members ratify them.
- *Eligibility for offices:* Only NAESB members can run for seats on the Board of Directors and Executive Committee.
- *Home-page access:* Members get free access to the restricted area of the NAESB website ([www.naesb.org](http://www.naesb.org)). This area includes all standards manuals, standard and model contracts, governance documents, survey results, related FERC actions, final NAESB actions, and other materials. Any employee can request a password.
- *Meetings:* Members can attend any meeting for no fee as part of their membership benefits. Should a member choose to represent a quadrant and segment in which they do not hold membership, then the meeting fee will apply to them.
- *Training Courses:* Heavily discounted for members
- *Certification:* Heavily discounted for members
- *Free Downloads* of standards and work products - please see attached work product descriptions on pages 3-4.
- *Use of "NAESB Mail"* to automatically receive notices of meetings, conference calls and postings.
- *Newsletter:* A free subscription to *NAESB Bulletin*, The newsletter provides a brief summary of activities, action items, membership information, and a calendar of events. Links (underlined text) are provided within the publication should members wish to gain additional information pertaining to an item in the newsletter. The *NAESB Bulletin* is very helpful in staying abreast of current activities within our organization.



## North American Energy Standards Board

801 Travis, Suite 1675, Houston, Texas 77002  
 Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: [naesb@naesb.org](mailto:naesb@naesb.org)  
 Home Page: [www.naesb.org](http://www.naesb.org)

- *ANSI Affiliate Program:* Free membership in American National Standards Institute (ANSI) Affiliate Program, which offers discount on their standards, subscription to Standards Tracking and Automated Reporting Services, and subscriptions to “What’s New” and “ANSI Reporter.”

	Member	Non-member
Membership ( <i>Annual Fee</i> )	\$7,000	
Meeting Registration	Free	\$300 <sup>1</sup>
Subcommittee/Task Force	Free	\$1,000 <sup>2</sup>
Training <sup>3</sup>	\$1,000	\$2,000
Certification	\$1,000	\$15,000
Work Products:		
- Final Action/Agreement	Free	\$250
- Contract	Free	\$250
- Manual	Free	\$250
- Version	Free	\$2,000
Voting	Free	Not Available
Eligibility for Office	Free	Not Available
Home Page Access	Free	Not Available
NAESB Mail	Free	Not Available
NAESB Bulletin	Free	Not Available

<sup>1</sup> Individual meeting/conference call registration lasting more than 4 hours (\$100 for meetings/conference calls of 4 hours or less)

<sup>2</sup> Individual annual (12 consecutive months) single subcommittee/task force access

<sup>3</sup> Individual registration based on a 2 day session (early registration \$750 (members) \$1,500 (non-members))



## NORTH AMERICAN ENERGY STANDARDS BOARD

801 Travis Street, Suite 1675 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067  
email: [naesb@naesb.org](mailto:naesb@naesb.org) • Web Site Address: [www.naesb.org](http://www.naesb.org)

---

### NAESB WORK PRODUCTS

#### BACKGROUND:

In 1992, the Natural Gas Council agreed that the wholesale gas market needed a standards organization and fostered the needed efforts to start one. During the formation from 1992 to 1994, the Department of Energy hosted monthly meetings where the gas industry in open meetings determined the best structure for the organization. In 1994, the Gas Industry Standards Board was incorporated to develop business practice standards and communications and e-commerce protocols for the interstate natural gas industry.

In late 1999, GISB was approached by the Coalition for Uniform Business Rules to expand its charter to include retail gas and electric interests to support customer choice states. After 18 months of industry deliberation, GISB was expanded to NAESB, with incorporation papers filed, effective January 1, 2002. The scope of development was broadened to include standards development efforts for the wholesale gas and electricity and retail gas and electricity market.

..... *So we have now been in business for more than 20 years!*

Our scope of work is defined in the NAESB Certificate (Article 2, Section 1): “The objects and purposes of NAESB are to propose and adopt voluntary standards and model business practices designed to promote more competitive and efficient natural gas and electric service, as such standards apply to electronic data interchange (“EDI”) record formats and communications protocols and related business practices that streamline the transactional processes of the natural gas and electric industries.” It is important to stress that our organization is not a policy setting one. We defer to state and federal agencies for that. Our work products are intended to focus on the implementation of policy decisions by providing a road map for the interactions between the various parties – providing an efficient way to implement policy through the use of standards.

Our work products include business practices, interpretations, transactional information requirements, data layouts and schemas, and coding along with telecommunication protocols and cybersecurity – all of which make up standards. We also have contracts and agreements templates, tools to support uniform coding, and certification programs. All of this work is accomplished through the dedication of thousands of volunteers, many of whom work for our member companies. We maintain versions of the standards, and all documentation that provides a history of alternatives considered and how we reached our decisions – including comments, meeting agendas and minutes, motions and voting records, transcripts, work papers and minority positions.

#### WHOLESALE ELECTRIC WORK PRODUCTS: (8 VERSIONS, MORE THAN 2000 STANDARDS IN THE MOST RECENT VERSION)

OASIS Business Practices	Gas/Electric Coordination
OASIS S&CP	Public Key Infrastructure/Cybersecurity
OASIS Data Dictionaries	eTariff
Standards of Conduct	Demand Response M & V
Coordinate Interchange*	Energy Efficiency M & V
ACE Equation Special Cases*	Smart Grid Standards – PAPs 03, 04, 09, 10
Manual Time Error Correction*	Green Button
Inadvertent Interchange Payback*	Electric Industry Registry (EIR)
Transmission Loading Relief*	Modeling
Contracts	

*Last Published: December 8, 2017, Version 003.2. Version 003 adopted by FERC Sept. 2014 as modified by NAESB final actions ratified Oct. 4, 2012, Nov. 28, 2012 and Dec. 28, 2012 (with minor corrections applied November 26, 2013). Next Publication: TBD*

*\* Complementary to NERC reliability standards*



## NORTH AMERICAN ENERGY STANDARDS BOARD

801 Travis Street, Suite 1675 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067  
email: [naesb@naesb.org](mailto:naesb@naesb.org) • Web Site Address: [www.naesb.org](http://www.naesb.org)

---

### **RETAIL WORK PRODUCTS:** (9 VERSIONS, MORE THAN 1500 STANDARDS IN THE MOST RECENT VERSION)

Market Participant Interactions	Demand Response M&V
Creditworthiness	Smart Grid Standards – PAPs 03, 04, 09, 10
Billing and Payments in Competitive Energy Markets	Green Button
Electronic Delivery Mechanism	Energy Efficiency Programs M&V
Contracts	Enrollment, Drop, and Account Information Change in Demand Response Programs
Internet Electronic Transport	Supplier Certification
Electronic Invoicing	Data Privacy
Registration Agent	Net Metering
Retail Customer Information	Enrollment, Drop and Account Information Change for Demand Response Programs in a Registration Agent Marketplace
Disputes Resolution	Self-Deployment of a Demand Response Program by a Demand Response Service Provider in the Registration Agent Model
Payment Notification via UET	
Open Field Message Bus (OpenFMB)	
Retail Customer Enrollments, Drops & Account Information Change	
Inquiries	

*Last Published: July 14, 2017, Version 3.2. Next Publication: TBD*

### **WHOLESALE GAS WORK PRODUCTS:** (14 VERSIONS, MORE THAN 600 STANDARDS IN THE MOST RECENT VERSION)

Common Codes	Flowing Gas
Capacity Release	Gas-Electric Coordination
Creditworthiness	Invoicing
Contracts	eTariff
Nominations	Electronic Delivery Mechanisms
Internet Electronic Transport	Gas Quality

*Last Published: September 29, 2017, Version 3.1 adopted by FERC November 15, 2018. Next Publication: TBD*