

North American Energy Standards Board Membership List
As of January 17, 2019

NAESB membership extends to all employees of the member company, but does not extend to other companies with which the member company may have an organizational relationship – such as partnerships, liaisons, affiliates, subsidiaries, holding companies or parent companies. Should those companies be interested in joining they would hold separate memberships. Membership is specific to the quadrant(s) and segment(s) in which the company holds membership. Should an individual wish to represent a quadrant or segment in which the company member does not hold a membership, that individual will be considered a non-member. To obtain information on membership or verify membership status, please contact Denise Rager at the NAESB Office (drager@naesb.org).

NAESB Membership Report - Quadrant/Segment Membership Analysis		Number of Members
WGQ Segments	TOTAL	123
	End Users	16
	Distributors	24
	Pipelines	38
	Producers	12
	Services	33
RMQ Segments	TOTAL	41
	Retail Electric End Users/Public Agencies	17
	Retail Gas Market Interests Segment	10
	Retail Electric Utilities	7
	Retail Electric Service Providers/Suppliers	7
WEQ Segments	TOTAL	138
	End Users	13
	Distributors	19
	Transmission	43
	Generation	20
	Marketers	21
	None Specified	1
	Independent Grid Operators/Planners	8
	Technology /Services	13

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg ¹	Contact
Retail Markets Quadrant (RMQ) Members:			
1	Ameren Services Company	u	Patrick Eynon
2	American Public Gas Association (APGA)	g	Alonzo Weaver
3	Arizona Corporation Commission	e	Robert G. Gray
4	Big Data Energy Services	s	J. Cade Burks, Jennifer Teel
5	Brilliant Energy, LLC	s	Vidyasagar Sandela
6	California Energy Commission	e	Melissa Jones
7	California Public Utilities Commission	e	Marzia Zafar
8	CenterPoint Energy Houston Electric, LLC	u	John Hudson
9	City of Houston	e	James P. Cargas
10	Dominion Energy	u	Brandon Stites
11	Duke Energy Corporation	u	Stuart Laval
12	Electric Reliability Council of Texas, Inc. (ERCOT)	e	Susan Anthony
13	Emil Peña Interests, Inc. (EPII)	s	Emil Peña
14	Gas Natural Servicios, S.A. de C.V.	g	Alberto Alberto Alfaro
15	Green Button Alliance	s	Jeremy J. Roberts
16	Intelometry, Inc.	s	Raymond W. Anderson
17	ISO New England, Inc.	e	Doug Smith
18	Latitude Technologies LLC	g	Leigh Spangler
19	Maryland Public Service Commission	e	Dan Hurley
20	Minnesota Public Utilities Commission	e	Robert Harding
21	National Association of Regulatory Utility Commissioners	e	Sam Watson
22	New Jersey Board of Public Utilities	e	Cynthia Covie, Lauren Mattox
23	Oncor Electric Delivery Company LLC	u	Debbie McKeever, Chris Rowley, Mark Carpenter
24	Ontario Ministry of Energy	e	Senka Krsikapa, Andrew Howse
25	Open Energy Solutions, Inc.	s	Larry Lackey
26	Pennsylvania Office Of Consumer Advocate	e	Tanya J. McCloskey
27	Pennsylvania Office of Consumer Advocate	g	Tanya J. McCloskey
28	Pennsylvania Public Utility Commission	e	Lee Yalcin, Jeff McCracken
29	Philadelphia Gas Works	g	Frank Weigert
30	Public Utilities Commission of Ohio	e	Krystina Schaefer, Barbara Cote
31	Public Utility Commission of Texas	e	Therese Harris
32	Southern Company Services, Inc.	u	Don Brundage, Lincoln E. Wood
33	SouthStar Energy Services, LLC	g	Michael Braswell
34	Sprague Operating Resources LLC	g	Paul Scoff
35	Systrends USA	g	Dave Darnell
36	UGI Utilities, Inc.	g	Angelina Borelli

¹ The segment abbreviations are: **RMQ**: u – retail electric utilities, g – retail gas market interests, e – retail electric end users/public agencies, s – retail electric service providers/suppliers. **WEQ**: m – marketer/broker, d – distribution, i – independent grid operators/planners, t – transmission owner, e – end user, g – generator, ts – technology/services. **WGO**: s – services, pl – pipeline, l – LDC, pr – producer, e – end user.

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
37	Vermont Public Service Board	e	Mary Jo Krolewski
38	WEC Energy Group	g	Tom Aridas, Ken Thiry
39	WEC Energy Group	u	Dennis Derricks, Ken Thiry
40	Xtensible Solutions LLC	s	Shawn Hu
41	ZigBee Alliance	e	Tobin Richardson
Wholesale Gas Quadrant (WGQ) Members:			
	44Farris, LLC	s	Sylvia Munson
2	8760, Inc.	s	Jim Buccigross
3	Alliance Pipeline, LP	pl	Marcy McCain, Megan Miller
4	Ambit Energy Holdings, LLC	s	Drew Gormley
5	American Gas Association	l	Matthew J. Agen, Pete Connor
6	American Midstream Partners, LP	s	Bryan M. Escobedo
7	Anadarko Energy Services Company	pr	Y.J. Bourgeois, Beth Fruge, Scott Marshall, Chris Briggs, Brent Beitler
8	Aquilon Energy Services, Inc.	s	Jeffrey Wagner, Sylvia Munson
9	Atmos Energy	pl	Steve Easley
10	Blackstone Technology Group, Inc.	s	Rakesh Agrawal
11	Boardwalk Pipeline Partners, LP	pl	Randy Young, Kim Van Pelt
12	BP Energy	pr	Kathleen E. Magruder
13	California Energy Commission	e	Melissa Jones
14	Calpine Corporation	e	Shonnie Daniel, Jay Dibble, Brian Fields
15	Cascade Natural Gas Corporation	l	Eric Wood
16	Castleton Commodities Merchant Trading L.P.	s	Tara Liscombe, Amy McConnel
17	CenterPoint Energy Services, Inc.	s	Jeffrey Perryman, Timothy Muller, Wade Sadler
18	Centro Nacional de Control del Gas Natural (CENAGAS)	s	Eduardo Fernando Prud'homme Nieves
19	Cheniere Creole Trail Pipeline, LP	pl	Valerie Salas
20	Chevron Natural Gas	pr	Charles (Chuck) Cook
21	Cimarex Energy Co.	pr	Vanessa Hutto
22	Citigroup Energy, Inc.	s	Carrie Southard, Angela Davis
23	Colorado Springs Utilities	l	Abdessamad Nassif
24	ConocoPhillips Company	pr	Ben Schoene
25	Consolidated Edison Company of NY	l	Joel Yu
26	Corpus Christi Liquefaction, LLC	e	Donna Lowry
27	Crestwood Equity Partners LP	pl	Rob Perkins, Mark Mitchell, James Johnston, Christine Dixon
28	Dauphin Island Gathering Partners	pl	Don Perkins, Tyler Culbertson
29	Defense Logistics Agency Energy	e	Paul Rossi, Brett Campeol, Scott Taetsch
30	Department of Energy	e	Christopher Freitas
31	Devon Energy Corporation	pr	Brandon Guderian
32	Dominion Energy Inc.	l	Craig Colombo
33	Dominion Energy Transmission Inc.	pl	Rachel A. Hogge, Ron Tomlinson
34	DTE Energy Trading, Inc.	s	Gregory V. Staton, James Buck, Dena Crawford, Marcia L. Hissong, Ann Marie Jambor, Cynthia

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
			Klots, Shelley Greene
35	DTE Gas Company	l	Kelly Fedele
36	Eastern Shore Natural Gas Company	pl	Laura Fevrin
37	Eclipse Resources Corporation	pr	Rosemary Ciletti
38	Emera Energy Services, Inc.	s	Dary Jessome, Will Szubielski
39	Enable Energy Resources LLC	s	Cary Metz
40	Enable Gas Transmission, LLC	pl	Cindy Suarez, Valerie Price
41	Enable Mississippi River Transmission, LLC	pl	Cindy Suarez, Valerie Price
42	Enbridge (U.S.) Inc.	pl	Marcy McCain, Megan Miller
43	Encana Marketing (USA) Inc.	s	Jeff Jarvis
44	Energex LLC	s	Jay Bhatty
45	Energy Transfer Equity, L.P.	pl	Michael Langston, Larry Biediger, Mary Draemer, William White, Miki Kolobara
46	Entergy Services, Inc.	e	Laura Berryman, Brad Clausen
47	Environmental Defense Fund, Inc.	e	N. Jonathan Peress
48	Environmental Resources Management (ERM)	s	Keith Sappenfield
49	EP Energy E&P Company, L.P.	pr	Racquel Jackson
50	Equitrans, L.P.	pl	Sarah Shaffer
51	Exelon Generation Company, LLC	s	Lisa Simpkins, Joseph Kirwan, Andrea Kullman, Jennifer Scott
52	Exxon Mobil Corporation	pr	Randy E. Parker
53	FIS	s	Kirt Kleinman
54	Florida Power & Light Company	e	Paul Zhang, Art Morris
55	Freeport LNG Development L.P.	pl	Adam Valentine
56	Florida Southeast Connection LLC	pl	Mark McClure
57	Golden Pass Pipeline, LLC	pl	Joel Hindman
58	Golden Triangle Storage, Inc.	pl	Kimberly Watson, John Fortman, Darryl Kilpatrick
59	Gunvor USA LLC	S	David Webster, Jonathan Lietzke
60	Haynes and Boone, LLP	s	Kim Mai
61	Iberdrola USA Management Corporation (Rochester Gas and Electric Corp)	l	Mark Marini
62	Idaho Public Utilities Commission	e	Gene Fadness
63	IEnova Pipelines, S de R.L. de C.V.	pl	Victor Manuel Lozano Chavez
64	Imperial Irrigation District	e	Timothy Hamilton, R. Marc Printy, Scott Harding
65	Iroquois Gas Transmission System	pl	Tom Gwilliam
66	Kern River Gas Transmission Company	pl	Brenda Horton
67	Kinder Morgan Inc	pl	Gene Nowak, Mark Gracey, Nichole Lopez
68	Kinetica Partners, LLC	pl	Lynn Nguyen
69	Latitude Technologies LLC	s	Leigh Spangler
70	Liberty Utilities	l	Bill Killeen, Deborah Gilbertson
71	Macquarie Energy LLC	s	Michele McLendon, David Webster, Christi Nicolay
72	Marathon Oil Company	pr	Robin Phillips, Roger Raymond
73	MCP Operating LLC (Stingray Pipeline Company, L.L.C.)	pl	Jeremy Durocher

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
74	Midcontinent Independent System Operator, Inc.	e	Leonard Ashley
75	Millennium Pipeline Company, LLC	pl	Georgia B. Carter
76	National Fuel Gas Distribution Corporation	l	Mike Novak
77	National Fuel Gas Supply Corp.	pl	Deborah Kupczyk
78	National Grid	l	Andrew MacBride
79	New Jersey Natural Gas	l	Kathryn Ferreira
80	NiSource Inc.	l	Deepak Raval, Michael D. Watson
81	NJR Energy Services Company	s	Ginger Richman
82	Northern Natural Gas	pl	Micki Hoffee, Vickie Wonder
83	Northwest Natural Gas Company	l	Randolph Friedman
84	ONE Gas, Inc.	l	Larry Dykes
85	ONEOK, Inc.	pl	Denise Adams, Melissa McBroom, Aaron Wright
86	PAA Natural Gas Storage, LLC	s	Eileen W. Kisluk
87	Pacific Gas and Electric Company	l	Dave Lewis
88	Paiute PipeLine Company	pl	Mark A. Litwin
89	Peoples Gas System	l	Karen L. Bramley, David Crabtree
90	Piedmont Natural Gas	l	Michelle Mendoza
91	Power Authority of the State of New York (dba NYPA)	e	Enrico Montesa, Jr.
92	QEP Resources, Inc.	pr	Steve Stanton
93	Quorum Business Solutions Inc.	s	Emily Perryman
94	Rager Mountain Storage Company, LLC	pl	Sarah Shaffer, Shawn A. Smith
95	S&P Global	s	Sue Dlin, Arleen Long
96	Sabine Pass Liquefaction, LLC	e	Emily Browning
97	Salt River Project Agricultural Improvement & Power District	e	Willis E. McCluskey
98	Sempra Infrastructure, LLC	pl	Dan King, Elizabeth Peters
99	Sequent Energy Management, L.P.	s	Karen Bleil, Kathryn L. McCoy, Chris Russo
100	Shell Energy North America (US), L.P.	s	Eric Gillaspie
101	Skipping Stone, LLC	s	Greg Lander
102	Southern California Gas Company	l	Richard Ishikawa
103	Southern Company Gas	l	Tim Sherwood
104	Southern Company Services, Inc.	e	Alan Kilpatrick, Roy D. Hiller
105	Southern Star Central Gas Pipeline	pl	Robin Joska, Ronnie Hensley, Doug Field
106	Southwest Gas Corporation	l	John Olenick, Mark Anderson, Mark Litwin
107	Spire Inc.	l	Mark Darrell
108	SWN Energy Services Company, LLC	pr	Bill Hebenstreit
109	Tallgrass Operations, LLC	pl	Karl Almquist
110	Tennessee Valley Authority	e	Valerie Crockett
111	The Energy Authority, Inc.	s	Mark Kinevan, John B. Lucas
112	Tiger Natural Gas	s	John Burriss
113	TransCanada Pipelines Limited	pl	Steven W. McCord, Millie S. Moran, Sherry Hill
114	UGI Central Gas Control, LC	pl	Craig Blume
115	Unitil Service Corporation	l	Joseph Conneely

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
116	Vector Pipeline L.P.	pl	Amy Bruhn
117	Vectren Corporation	l	Perry Pergola
118	Vitol Inc.	pl	Robert Viola, Juany Martinez
119	WBI Energy Transmission, Inc.	pl	Nancy Senger, Lori Myerchin, Gwen Schoepp
120	WEC Energy Group	l	Todd Duffield, Jody Arendt
121	Williams	pl	Michael Rasmuson, Melissa Casey, Brian Roquemore
122	World Fuel Services, Inc.	s	Rachel Welch
123	WPX Energy Marketing, LLC	s	Rich Ficken, Sherry Sawyer

Wholesale Electric Quadrant (WEQ) Members:

1	8760, Inc.	ts	Jim Buccigross
2	Adapt2 Solutions, Inc.	ts	David Nilsson
3	Adjoint Inc.	ts	Havell Rodrigues
4	Alabama Municipal Electric Authority	d	Mark Ennis
5	Alliance for Cooperative Energy Services Power Marketing LLC (ACES)	m	Roy J. True, Amadou Fall
6	American Electric Power Service Corp.	g	Barry Schumann, Phil Cox
7	American Municipal Power, Inc.	m	Chris Norton
8	American Public Power Association	d	Delia Patterson
9	Arizona Electric Power Cooperative, Inc.	t	Shane Sanders, Barry Brown
10	Arizona Public Service Company	t	Ashley Kelly, Twyana Blair
11	Associated Electric Cooperative, Inc.	t	Chris McGeeney
12	AVANGRID	t	Jim Clemente
13	Avangrid Renewables, LLC	g	Erin Kester, Jan Korver
14	Avista Corporation	t	Jeff Schlect, Kenneth Dillon
15	Basin Electric Power Cooperative	t	Dave Rudolph, Jill Rummel
16	Basin Electric Power Cooperative	m	Ken Rutter
17	Basin Electric Power Cooperative	g	Jason Doerr
18	BC Hydro	t	Brenda Ambrosi
19	Black Hills Corporation	g	Kenna Hagan
20	Bonneville Power Administration	d	Eric H. Carter, Michael Steigerwald, Rebecca Berdahl
21	Bonneville Power Administration	g	Scott Winner, Ann Shintani
22	Bonneville Power Administration	m	Andrew P. Meyers, Ann Shintani
23	Bonneville Power Administration	t	Michael D. Bausch, Rebecca Berdahl
24	California Energy Commission	e	Melissa Jones
25	California ISO	i	Brian Jacobsen
26	California Public Utilities Commission	e	Marzia Zafar
27	Central Electric Power Cooperative	d	Kale Ford
28	Deseret Generation & Transmission Co-operative	g	Clay MacArthur
29	Dominion Resources Services, Inc.	g	Lou Oberski
30	Duke Energy Corporation	d	Alan Pritchard
31	Duke Energy Corporation	t	Jack Armstrong, Michael Anthony, Lee Schuster

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
32	Dynergy Marketing and Trade, LLC	g	Contracts – Legal Department
33	Edison Electric Institute	n	Philip D. Moeller, Jennifer Murray
34	El Paso Electric	t	Mike Sahs
35	Electric Reliability Council of Texas, Inc. (ERCOT)	i	Carrie Bivens, Paul Wattles, Joel Mickey
36	Emera Maine	t	Chad Wilcox
37	Enbridge (U.S.) Inc.	t	Travis Allen
38	Entergy Services, Inc.	t	Yarrow Etheredge, Narinder Saini
39	EVC Insights, LLC	ts	Mark Stultz
40	Eversource Energy	t	David Burnham, Andrew Y. Tan
41	Exelon Generation Company, LLC	m	William Berg
42	FIS	ts	Robin Pollara
43	Florida Municipal Power Agency	g	Carol Chinn, Chris Gowder
44	Florida Municipal Power Agency	d	Carol Chinn, Chris Gowder
45	Florida Power & Light Company	m	Timothy W. Gerrish, Tom Hartman
46	Florida Power & Light Company	t	Bernardo Benigni, Miguel Yanes
47	Georgia Transmission Corporation	t	Patrick McGovern
48	GMO GlobalSign, Inc.	e	Lila Kee
49	Hartigen Solutions LLC	ts	Andy Tritch
50	Hydro – Quebec Transenergie	t	Michel Prevost
51	Idaho Power Company	t	Josh Harris, Kathy Anderson
52	Idaho Public Utilities Commission	e	Gene Fadness
53	Independent Electricity System Operator (IESO)	i	Nicholas Ingman, Scott Berry
54	Indiana Municipal Power Agency	g	Scott Berry
55	Indianapolis Power and Light Company	t	Michael L. Holtsclaw
56	ISO New England, Inc.	i	Matthew F. Goldberg, Douglas Smith
57	JEA	t	John Babik
58	KCP&L and Westar, Evergy Companies	t	Denise Buffington
59	KCP&L and Westar, Evergy Companies	g	Denise Buffington
60	LG&E and KU Services Company	t	Ashley Moore, Daryn Barker
61	Los Angeles Department of Water and Power	t	Sueyen McMahon
62	Los Angeles Department of Water and Power	m	Anton Vu, Joel F. Cordero
63	Maine Public Utilities Commission	e	Denis Bergeron
64	Manitoba Hydro	t	Robin Rebillard
65	Michigan Public Power Agency	d	Erinn Evans
66	MidAmerican Energy Company	m	Dennis Kimm
67	Minnesota Public Utilities Commission	e	Robert Harding
68	MISO	i	Ed Skiba, Angela Weber, David Zwergel
69	Missouri River Energy Services	d	Raymond J. Wahle
70	Monitoring Analytics, LLC	ts	John Dadourian
71	Morgan, Lewis & Bockius LLP	t	Stephen M. Spina
72	Municipal Energy Agency of Nebraska	m	Robin Spady
73	Nalcor Energy	m	Erin McCormack

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
74	National Association of Regulatory Utility Commissioners	e	Sam Watson
75	National Grid	t	Kevin Reardon
76	National Institute of Standards and Technology	ts	David A. Wollman
77	National Rural Electric Cooperative Association	d	Paul McCurley
78	Nebraska Public Power District	t	Don Schmit
79	New Jersey Board of Public Utilities	g	Cynthia Covie, Lauren Mattox
80	New York Independent System Operator, Inc. (NYISO)	i	Wesley Yeomans, Vijaya Ganugula
81	New York State Reliability Council	d	Bruce Ellsworth
82	North American Electric Reliability Corporation	d	Mark Lauby
83	North American Electric Reliability Corporation	e	Kenneth McIntyre
84	North Carolina Electric Membership Corporation	d	Luis Fondacci, John Lemire, Richard McCall, James R. Manning
85	Northwestern Corporation	t	Mike Cashell
86	NRG Energy, Inc.	g	Derek Mauzy, Alan Johnson, Elizabeth Killinger
87	NV Energy	m	Sheryl Torrey
88	NV Energy, Inc.	t	Marilyn Franz
89	Open Access Technology International, Inc.	e	Jerry Dempsey
90	Open Access Technology International, Inc.	t	Paul R. Sorenson
91	Organization for the Advancement of Structured Information Standards (OASIS)	ts	Laurent M. Liscia
92	PacifiCorp	m	Joseph Hoerner
93	PacifiCorp	t	Rick Vail
94	PJM Interconnection, LLC	i	Rich Brown
95	Portland General Electric	t	John Walker, Johnny Useldinger
96	Power Costs, Inc. (PCI)	ts	Javier Martin
97	Powerex Corp.	m	Michael L McWilliams, Erika Rosin, Connor Curson
98	PowerSouth Energy Cooperative	d	William Ronald Graham
99	Public Service Company of New Mexico	m	Steven Maestas, Darren Wilkins, Roger Vaughn
100	Public Utilities Commission of Ohio	e	Krystina Schaefer, Barbara Cote
101	Puget Sound Energy, Inc.	t	George Marshall, Bob Harshbarger, Chelsey Neil
102	RBN Energy LLC	ts	Richard G. Smead
103	Reliable Energy Analytics	ts	Richard Brooks
104	Sacramento Municipal Utility District	d	Jon Olson, Sunny Buchert, Kelly Goodson
105	San Diego Gas & Electric Company	t	Martine Blair
106	Santee Cooper	t	Arnold Singleton
107	SaskPower Corporation	t	Darwin Bender
108	Seattle City Light	m	Robin Cross
109	Seattle City Light	e	Robin Cross, Cory Anderson
110	Seminole Electric Cooperative, Inc.	m	Michael Ward
111	Snohomish County PUD No. 1	d	Kim Haugen
112	SoftSmiths, Inc.	ts	Lawrence S. Stone
113	South Carolina Electric & Gas Company	t	Matt Hammond, James T. Starling, Jr. , Sonya Green Sumpter, Matt Bullard, Kevin Spitzform

North American Energy Standards Board Membership List
As of January 17, 2019

	Organization	Seg¹	Contact
114	Southern Company Services, Inc.	g	Marie Craig Knight, JT Wood
115	Southern Company Services, Inc.	m	Ron Carlsen, JT Wood
116	Southern Company Services, Inc.	t	Wes Barber, JT Wood
117	Southwest Power Pool	i	Carl Monroe, Michael Desselle, Charles Yeung, Joshua Phillips
118	SSL.com	e	Leonard Grove
119	Tacoma Power	d	Rick Applegate
120	Tampa Electric Company	d	David Crabtree
121	Tenaska, Inc.	g	Brad Cox
122	Tennessee Valley Authority	g	Karen Utt, Valerie Crockett
123	Tennessee Valley Authority	m	Dianne Hensley, Valerie Crockett
124	Tennessee Valley Authority	t	Jason L. Adams, Heather Burnette, Valerie Crockett
125	TransAlta Energy Marketing (U.S.) Inc.	m	Steve Lincoln
126	Tri-State Generation and Transmission Association, Inc.	t	Doug Reese
127	Tri-State G&T Association, Inc.	g	Janelle Marriott
128	Tucson Electric Power Company	t	Raquel Aguilar, Ed Beck, Amy Welander
129	Vermont Public Power Supply Authority	g	William J. Gallagher
130	Vermont Public Service Board	e	Mary Jo Krolewski
131	Wabash Valley Power Association	g	Susan Sosbe
132	We Energies (Wisconsin Electric)	d	Linda Horn
133	We Energies (Wisconsin Electric)	g	Christopher Plante
134	Western Area Power Administration	t	Raymond Vojdani, Steve Sanders
135	Western Area Power Administration	m	Rebecca Johnson
136	Western Electricity Coordinating Council	t	Layne Brown
137	WPPI Energy	d	Todd Komplin
138	Xcel Energy Inc.	m	Randall L. Oye