

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

NORTH AMERICAN ENERGY STANDARDS BOARD 2005 ANNUAL PLAN – RETAIL ELECTRIC QUADRANT¹ Approved by the Board of Directors December 9, 2004

	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 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

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.

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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		

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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Item Number & Description	Completion ²	Assignment ³
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

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Item Number & Description	Completion ²	Subcommittee ³ Assignment
1 Billing & Payment Datasets and Models		CPS/BPS
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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.		
5 Examine Wholesale Gas Quadrant Non-EDM Standards	4 th Qtr. 2005	BPS
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.		

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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Technical Electronic Implementation Subcommittee⁴		
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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	
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

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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



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TO: All Interested Parties
FROM: Veronica Thomason, NAESB Executive Assistant
RE: 2005 Monthly Update Conference Call Schedule
DATE: October 18, 2004

Dear Interested parties -

Below is the 2005 meeting schedule for the Monthly Update conference calls. All conference calls take place on a Wednesday and are scheduled for 2:00pm – 3:00pm Eastern.

January 19, 2005

No conference call in February

March 16, 2005

April 20, 2005

May 18, 2005

June 15, 2005

July 20, 2005

August 17, 2005

September 21, 2005

October 19, 2005

No conference call in November

December 21, 2005

**North American Energy Standards Board
Membership List -- 2004
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Quadrant	Segment	Sub-Segment	Member Company	Contact	State
WEQ	d	muni	Alabama Electric Cooperative, Inc.	Kenneth J. Skroback	AL
REQ	d		Alabama Power	Judy W. Ray Yvette Camp	AL
WEQ	d	iou	Southern Company Services, Inc.	Gary Rozier, Jim Miller, Greg Butrus	AL
WEQ	m	iou	Southern Company Services, Inc.	Joel Dison	AL
WEQ	t	iou	Southern Company Services, Inc.	R.D. (Dean) Ulch John Lucas	AL
WGQ	e		Southern Company Services, Inc.	Carl Haga	AL
WEQ	g	iou	Southern Company Services, Inc.	Tony A. Reed	AL
WGQ	pl		Southern Natural Gas Co.	Prince McDougal	AL
WEQ	g	muni	Arkansas Electric Cooperative Corporation	Ricky Bittle	AR
WEQ	n	n	Southwest Power Pool	Carl Monroe	AR
WEQ	t	iou	Arizona Public Service Company	Mark W. Hackney	AZ
WGQ	e		Arizona Public Service Company	Gary Duede, Kelly Daly Curt Brechtel	AZ
WGQ	e		Salt River Project Agricultural Improvement & Power District	Diane McVicker	AZ
WEQ	t	fed	Salt River Project Agricultural Improvement & Power District	Steve Cobb	AZ
WEQ	d	other	Salt River Project Agricultural Improvement & Power District	Wendy Weathers Mark B. Bonsall	AZ
WEQ	t	muni	Southwest Transmission Cooperative, Inc.	Larry D. Huff	AZ
RGQ	s		Systrends	Dave Darnell	AZ
WEQ	e	sgen	ChevronTexaco Energy Research and Technology	Carol Guthrie	CA
WEQ	t	muni	Modesto Irrigation District	Roger Van Hoy	CA
WGQ	l		Pacific Gas & Electric	John Breen	CA
WEQ	d	muni	Sacramento Municipal Utility District	Robert D. Schwermann	CA
WEQ	g	muni	Sacramento Municipal Utility District	Thomas Ingwers	CA
WGQ	l		Sempra Energy - Southern California Gas Co.	Lee Stewart, Rodger Schwecke	CA

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REQ	su		Electric America	Joseph C. Macek	CA
WGQ	e		Imperial Irrigation District	William Rapp	CA
WEQ	t	iou	Southern California Edison	Ronald D. Nunnally	CA
REQ	d		Southern California Edison	Gail Higashi	CA
WGQ	e		Southern California Edison Company	Roman Bakke	CA
WEQ	t	fed	Hydro - Quebec Transenergie	Victor Bissonnette	CANADA
WEQ	t	itc	Hydro One Networks	Dave Barrie	CANADA
WGQ	pl		NOVA Gas Transmission Ltd.	Doug Miller	CANADA
WEQ	m	niou	Ontario Power Generation	Ron Robinson	CANADA
WEQ	g	merc	Ontario Power Generation	Barry Green	CANADA
WGQ	s		Telvent USA, Inc.	Glenn Irwin	CANADA
WGQ	pl		TransCanada Pipelines	Doug Miller	CANADA
RGQ	d		Union Gas	Greg Tetreault	CANADA
WGQ	pl		Dauphin Island Gathering Partners	Katie Rice	CO
WEQ	g	fed	Department of the Interior, US Bureau of Reclamation	Deborah M. Linke	CO
WGQ	pl		El Paso Natural Gas	William Griffith	CO
WGQ	s		Energy Velocity	Konni Keuter	CO
WGQ	pl		H S Resources Inc.	Carol Hall	CO
WEQ	t	muni	Platte River Power Authority	Terry L. Baker	CO
WGQ	s		Platts	Bill Murphy	CO
WEQ	t	muni	Tri-State Generation and Transmission Association, Inc.	Bruce Sembrick	CO
WEQ	m	muni	Tri-State Generation and Transmission Association, Inc.	Thomas A. Smith	CO
WEQ	m	fed	Western Area Power Administration	Jeffrey Ackerman	CO

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WEQ	t	fed	Western Area Power Administration	Mark Fidrych	CO
RGQ	d		Xcel Energy	Don Basler	CO
WGQ	pl		Iroquois Gas Transmission System	Tom Gwilliam	CT
WGQ	s		Louis Dreyfus Energy Services L.P.	Mary Ellen Bell Ruby H. Melton	CT
WEQ	t	iou	Northeast Utilities Service Company	David Boguslawski Bill P. McKinnon	CT
RGQ	su		UBS Energy LLC	Suzanne Calcagno	CT
WEQ	m	niou	UBS Energy LLC	Suzanne Calcagno	CT
WGQ	s		UBS Energy LLC	Suzanne Calcagno	CT
WGQ	pr		ConocoPhillips Gas and Power	Peter Frost	DC
WGQ	e		Department of Energy	Christopher Freitas	DC
WEQ	n	n	Edison Electric Institute	David Owens Dave Dworzak	DC
WEQ	e	lind	Electricity Consumers Resource Council (ELCON)	John Anderson John Hughes	DC
RGQ	s		International LNG Alliance (Sweet Strategies)	David Sweet	DC
WEQ	g	merc	Conectiv Energy Supply, Inc.	Gloria Ogenyi	DE
WEQ	m	iou	Conectiv Energy Supply, Inc.	Gloria Ogenyi	DE
WEQ	t	iou	Conectiv Power Delivery	Ken Gates	DE
WEQ	g	muni	Florida Municipal Power Agency	Rick Casey	FL
WEQ	d	muni	Florida Municipal Power Agency	Steven H. McElhaneey	FL
WEQ	t	iou	Florida Power & Light Company	Marty Mennes	FL
WEQ	m	iou	Florida Power & Light Company	Joe Stepenovitch	FL
WGQ	e		Florida Power & Light Company	Dona Gussow Joe Stepenovitch	FL
REQ	d		Gulf Power Company	Joel Thomas Kilgore	FL
RGQ	d		Peoples Gas System	Rachel Gebhardt	FL

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Quadrant	Segment	Sub-Segment	Member Company	Contact	State
WEQ	g	muni	Seminole Electric Cooperative, Inc.	Lane Mahaffey	FL
WEQ	t	muni	Seminole Electric Cooperative, Inc.	Glenn Spurlock	FL
RGQ	d		AGL Resources Inc.	Tina Weatherman	GA
REQ	d		Georgia Power Company	Michael Garrett Yvette Camp	GA
WEQ	t	muni	Georgia Transmission Corporation	Nina McNeive	GA
WEQ	m	niou	Mirant Corp.	Alde Warnock Alan Johnson	GA
WEQ	g	muni	Oglethorpe Power Corporation	Billy Ussery	GA
REQ	d		Savannah Electric and Power Company	Lamar Kearson	GA
REQ	s		SchlumbergerSema	George C. Roberts	GA
WEQ	g	fed	Southeastern Power Administration	Bob Goss	GA
REQ	s		Southern Company Services	Mark S. Jarrett Yvette Camp	GA
REQ	d		MidAmerican Energy	James E. Wilson	IA
WEQ	e	reg	National Association of Regulatory Utility Commissioners	Lou Ann Westerfield	ID
WEQ	m	niou	Cap Gemini Ernst and Young	Stephen A. Behrens	IL
RGQ	su		Exelon Energy	Barb Fatina	IL
REQ	d		Exelon Energy Delivery	Bill Walsh	IL
REQ	s		Foley & Lardner	Bryan S. Anderson	IL
WGQ	l		Nicor Gas	Nancy Brucher	IL
WGQ	l		Peoples Gas Light & Coke Co.	Raulando de Lara	IL
WEQ	t	itc	TRANS-ELECT, INC.	Paul D. McCoy	IL
WEQ	m	muni	ACES Power Marketing LLC	Roy J. True	IN
WEQ	g	muni	Indiana Municipal Power Agency	Dick Foltz	IN
RGQ	e		Indiana Office of Utility Consumer Counselor	Matthew Parsell	IN

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WEQ	n	n	Midwest Independent Transmission System Operator	William (Bill) Phillips	IN
WGQ	l		NiSource Inc.	M. Christopher Maturo	IN
RGQ	d		NiSource Inc.	Mark T. Maassel	IN
WEQ	t	muni	Sunflower Electric Power Corporation	L. Earl Watkins Carroll Waggoner	KS
WGQ	pl		Southern Star Central Gas Pipeline	James L. Harder Dale Sanders	KY
WGQ	pl		CenterPoint Energy Gas Transmission Company	Larry Thomas	LA
WEQ	t	iou	Cleco Power, LLC	Keith Comeaux	LA
WEQ	t	iou	Entergy Services, Inc.	Edward J. Davis John H. Zemanek	LA
WGQ	s		8760	Jim Buccigross	MA
RGQ	s		CapacityCenter.com	Greg Lander	MA
WGQ	e		Edison Mission Marketing and Trade	Christian Hnat William Roberts	MA
WGQ	s		Group 8760	Jim Buccigross	MA
WEQ	t	itc	National Grid USA	Masheed Rosenqvist, Peter Flynn, Mary Ellen Paravalos	MA
WGQ	l		Westfield Gas & Electric Light Dept.	Joyce Bodak	MA
REQ	d		Baltimore Gas & Electric Co.	Ruth Kiselewich Johnny Magwood	MD
WGQ	l		Baltimore Gas & Electric Co.	Steven Zavodnick	MD
RGQ	d		Baltimore Gas & Electric Company	Steven Zavodnick	MD
WGQ	s		Constellation Power Source, Inc.	Robert McKay	MD
WEQ	e	comres	Maryland People's Counsel	Seva Diakoparaskevas	MD
REQ	e		Office of Public Advocate, State of Maine	Barbara Alexander	ME
WGQ	s		Pemex Gas Y Petroquimica Basica	Juan Enrique Gonzales Azuara	MEXICO
WEQ	d	iou	Consumers Energy Company	Andrew C. Dotterweich Frank Johnson	MI
WEQ	g	iou	Consumers Energy Company	Steve Gaarde, Andy Dotterweich, John J.	MI

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				Dallas	
REQ	d		Detroit Edison Company	William J. Newbold, Jr.	MI
WGQ	s		DTE Energy Trading, Inc	Marcia Hissong	MI
WGQ	pl		Great Lakes Gas Transmission	Gene Fava	MI
WEQ	t	itc	International Transmission Company	Jim D. Cyrulewski	MI
WEQ	t	itc	Michigan Electric Transmission Company LLC	Charles V. Waits	MI
WEQ	d	muni	Michigan Public Power Agency	James R. Nickel Daniel E. Cooper	MI
WGQ	pl		Vector Pipeline L.P.	Amy Bruhn	MI
WGQ	s		Cargill Incorporated	Kathy Gerken	MN
RGQ	su		Center Point Energy Minnegasco	Andrea Newman	MN
WEQ	e	enduse	Open Access Technology International, Inc.	Kevin Burns	MN
WEQ	m	iou	Xcel Energy Inc.	Steven J. Beuning	MN
WGQ	l		Ameren Corporation	Scott Glaeser	MO
REQ	d		Ameren Services Company	Patrick Eynon	MO
WGQ	pl		CenterPoint Energy Mississippi River Transmission Corp.	Robert Trost	MO
WEQ	t	iou	Empire District Electric Company, The	Bary K. Warren	MO
WGQ	l		Laclede Gas Co.	Kenneth Neises	MO
WEQ	t	fed	Southwestern Power Administration	Stanley L. Mason	MO
REQ	d		Mississippi Power Company	Dorman Davis	MS
WEQ	d	iou	Duke Energy Corp.	Ollie Frazier	NC
WEQ	g	muni	Electricities of North Carolina (North Carolina Eastern Municipal Power Agency)	Gregory Locke	NC
WEQ	d	muni	North Carolina Electric Membership Corporation	David Beam	NC
WEQ	d	muni	North Carolina Electric Municipal Power Agency #1	Andrew Fusco	NC

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WEQ	m	muni	North Carolina Electric Municipal Power Agency #1	Clay A. Norris	NC
WEQ	t	iou	Progress Energy	Verne Ingersoll Phillip W. Lewis	NC
WEQ	m	iou	Progress Energy	Micheal Settlage	NC
WEQ	g	muni	Basin Electric Power Cooperative	Jason Doerr	ND
WEQ	m	nd	Basin Electric Power Cooperative	David Raatz	ND
WEQ	t	muni	Basin Electric Power Cooperative	Dan Klempel	ND
WGQ	pl		Williston Basin Interstate Pipeline	Keith Tiggelaar	ND
WGQ	pl		Northern Natural Gas	Mary Darveaux	NE
WGQ	pl		Portland Natural Gas Transmission System	David Morgan	NH
RGQ	su		Amerada Hess Corporation	Randy Magnani	NJ
WEQ	m	iou	PSEG Energy Resources and Trade LLC	James D. Hebson	NJ
WEQ	g	merc	PSEG Power LLC	Thomas M. Piascik	NJ
WGQ	l		Public Service Electric & Gas	David Wohlfarth	NJ
REQ	d		Public Service Electric & Gas	Terrence Moran	NJ
RGQ	d		Public Service Electric & Gas Company	Mike Coyle	NJ
WEQ	d	nd	Public Service Electric and Gas Company	Colin J. Loxley	NJ
WEQ	t	nd	Public Service Electric and Gas Company	Jeffrey C. Mueller	NJ
RGQ	d		Southwest Gas Corporation	Ed Giesecking	NV
WGQ	l		Southwest Gas Corporation	Larry Black	NV
WGQ	s		Barclays Bank PLC	Frank Rodriguez	NY
RGQ	d		Consolidated Edison Co, of New York, Inc.	Michele Doyle	NY
REQ	d		Consolidated Edison Company of NY	Hollis Krieger	NY
WGQ	l		Consolidated Edison Company of NY	Mary Jane McCartney Steve Sullivan	NY

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WEQ	d	comp ret	Constellation NewEnergy, Inc.	Sara O'Neill	NY
WEQ	t	iou	Energy East Management Corporation	Marjorie Perlman	NY
WGQ	l		Energy East Management Corporation	Marjorie Perlman	NY
WGQ	l		KeySpan Energy	Dolores Chezar	NY
RGQ	d		KeySpan Energy Delivery	Nancy Cianflone	NY
WGQ	l		National Fuel Gas Distribution	Michael Novak	NY
RGQ	d		National Fuel Gas Distribution Corporation	Mike Novak	NY
WGQ	pl		National Fuel Gas Supply Corp.	Joseph Kardas	NY
WEQ	e	reg	New York State Dept. of Public Service	William Heinrich	NY
RGQ	d		Niagara Mohawk	James Dillon	NY
WGQ	l		Niagara Mohawk Power Corporation	Bruce Garcy	NY
RGQ	s		R. J. Rudden Associates, Inc.	Richard J. Rudden, John D. Charbonneau , Don Sytsma	NY
WGQ	s		AEP Energy Services, Inc.	Cathy Szasz	OH
WEQ	d	iou	American Electric Power Service Corp.	Thomas Ringenbach	OH
WEQ	m	iou	American Electric Power Service Corp.	Barbara Radous Joseph Hartsoe	OH
WEQ	d	muni	American Municipal Power - Ohio, Inc.	Pat Frazier Chris Norton	OH
WEQ	d	nd	Buckeye Power, Inc.	Peter H. Buros	OH
WEQ	e	enduse	Cinergy	Ron Jackups	OH
WEQ	g	iou	Cinergy	Walt Yeager Ron Jackups	OH
WEQ	m	iou	Cinergy	Walt Yeager Ron Jackups	OH
WGQ	e		Cinergy	John Procario	OH
REQ	d		Cinergy Services, Inc.	Paul K. Jett	OH
WEQ	g	merc	Columbus Southern Power Company	Phil Cox	OH

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WEQ	m	iou	FirstEnergy Solutions Corp.	William D. Byrd	OH
RGQ	e		Ohio Consumers Council	Bruce M. Hayes	OH
REQ	e		Ohio Consumers Council	Randy Corbin	OH
WEQ	e	comres	Ohio Consumers Council	Randy Corbin	OH
RGQ	su		Stand Energy Corporation	John M. Dosker	OH
WGQ	s		SolArc Inc.	Tim Curtis	OK
WEQ	g	fed	Southwestern Power Administration	Forrest E. Reeves	OK
WGQ	s		Tiger Natural Gas	Tracy Phillips	OK
WEQ	g	fed	Bonneville Power Administration	Francis Halpin	OR
WEQ	m	fed	Bonneville Power Administration	Brenda Anderson	OR
WEQ	d	other	Bonneville Power Administration	Sydney D. Berwager	OR
WGQ	pl		Gas Transmission Northwest Corporation	Jay Story	OR
RGQ	e		Northwest Industrial Gas Users	Paula E. Pyron	OR
WGQ	l		Northwest Natural Gas Company	Randolph Friedman	OR
WEQ	t	iou	PacifiCorp	Jim HicksDarrell Gerrard	OR
WEQ	g	iou	PacifiCorp	Greg Maxfield	OR
WEQ	d	iou	PacifiCorp	Bill Cunningham	OR
WEQ	m	iou	PacifiCorp	Edison G. Elizeh	OR
WGQ	pl		Portland General Electric	Kathy Davies	OR
WEQ	m	iou	Portland General Electric	Terri Peschka	OR
WGQ	e		PPM Energy, Inc.	Scott Hannigan	OR
WEQ	g	merc	PPM Energy, Inc.	Don Winslow	OR
WEQ	m	iou	PPM Energy, Inc.	Don Winslow	OR

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Quadrant	Segment	Sub-Segment	Member Company	Contact	State
REQ	su		Dominion Retail	William Barkas Richard Zelenko	PA
RGQ	su		Dominion Retail, Inc.	Richard A. Zollars	PA
WGQ	l		Equitable Gas Company	Steve Rafferty	PA
WGQ	pl		Equitrans, L.P.	Mina Speicher	PA
WEQ	d	iou	Exelon Corporation - PECO Energy	John F. Leonard, Jr.	PA
WEQ	m	iou	Exelon Generation - Power Team	Regina Carrado	PA
WGQ	l		PECO Energy Co.	Reed R. Horting Amy Hamilton	PA
REQ	e		Pennsylvania Office Of Consumer Advocate	Tanya J. McCloskey Sonny A. Popowsky	PA
RGQ	e		Pennsylvania Office of Consumer Advocate	Tanya J. McCloskey Stephen Keene	PA
RGQ	d		Philadelphia Gas Works (APGA billing: Bert Kalisch)	Joe Stengel Craig White	PA
WEQ	t	iou	PPL Electric Utilities Corporation	Ray Mammarella	PA
WGQ	e		PPL EnergyPlus, LLC	Anne Lovett	PA
REQ	s		PPLSolutions, LLC	James M. Minneman	PA
RGQ	d		UGI Utilities, Inc.	Paul Szykman	PA
RGQ	s		Energy Services Group, Inc.	George Behr	PS
WEQ	d	muni	Central Electric Power Cooperative	Arthur Fusco	SC
WGQ	pl		SCANA Corporation	Jacquelyn Gettle	SC
WEQ	d	muni	Missouri River Energy Services	Brian Zavesky	SD
WEQ	m	fed	Tennessee Valley Authority	Jim A. Ingraham	TN
WEQ	d	other	Tennessee Valley Authority	Ron L. Owens	TN
WEQ	t	fed	Tennessee Valley Authority	Mitchell Needham W. Terry Boston	TN
WGQ	e		Tennessee Valley Authority	Valerie Crockett	TN
WEQ	g	fed	Tennessee Valley Authority	William F. Irish	TN

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WEQ	t	iou	American Electric Power Service Corp.	John Stough Michael Desselle	TX
WGQ	pr		Apache Corporation	Michele Markey	TX
WGQ	s		Ballard Natural Gas, LLC	Susan Thibodeaux	TX
WGQ	s		BG LNG Services, LLC	Martha Braddy	TX
WEQ	e	lind	BP America Inc.	Jeanne Zaiontz	TX
WGQ	pr		BP Energy	Bill Benham Lauren Kaestner	TX
WEQ	m	niou	BP Energy Company	Jeanne Zaiontz	TX
WGQ	pl		Bridgeline Gas Marketing	Georgia Blanchard	TX
WGQ	pr		Burlington Resources	Paul Keeler	TX
WEQ	g	merc	Calpine Corporation	William Taylor Jim Stanton	TX
REQ	su		Calpine Energy Services, LP	Janet Dixon	TX
WGQ	e		Calpine Energy Services, LP	Janet Dixon Craig Chancellor	TX
WGQ	s		CenterPoint Energy Gas Services, Inc.	James G. Beste	TX
WGQ	pr		Chevron/Texaco	Randy Mills	TX
WGQ	s		Cinergy Marketing and Trading	Randy Bevis	TX
WEQ	e	enduse	Comprehensive Energy Services	Jim Templeton	TX
WGQ	e		Comprehensive Energy Services	Jim Templeton	TX
REQ	su		Direct Energy Business Services	David Booty	TX
WGQ	pr		Dominion Exploration and Production, Inc.	David Ogden, Gary Weaver, Sheri Heslington	TX
WGQ	pl		Duke Energy Gas Transmission - Texas Eastern	Richard Kruse	TX
RGQ	su		Duke Energy Gas Transmission, LLP	Richard Kruse Marcy L. McCain	TX
WEQ	m	iou	Duke Energy North America	Lee Barrett	TX
WEQ	g	merc	Duke Energy North America	Bill D. Blevins	TX

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WEQ	m	niou	Dynegy Marketing and Trade	Barry Huddleston	TX
REQ	s		EC Power International	Judy Bailey, J. Cade Burks	TX
WGQ	pl		El Paso Eastern Pipelines	Larry Smith, Mark Gracey	TX
WGQ	pr		El Paso Production Company	Bill Hebenstreit	TX
WEQ	n	n	Electric Reliability Council of Texas (ERCOT)	Sam R. Jones Ray Giuliani	TX
REQ	s		Electric Reliability Council of Texas (ERCOT)	Sam R. Jones, Rob Connell, Ray Giuliani	TX
WGQ	pl		Enbridge Energy Company, Inc.	Terry McGill	TX
WGQ	pr		EnCana Corporation	Keith Sappenfield	TX
WGQ	s		EnCana Marketing (USA) Inc.	Keith Sappenfield	TX
WGQ	e		Entergy Services, Inc.	Arlynn Kelleher Terry Shields	TX
WEQ	m	iou	Entergy Services, Inc.	James M. (Jimmy) Smith	TX
WGQ	pr		ExxonMobil Gas Marketing	Richard Smith, Benjamin C. Harris	TX
WEQ	e	sgen	ExxonMobil Gas Marketing	Steve Sayuk, Mark Scheel, Mark Ulrich	TX
REQ	su		Green Mountain Energy Co.	David McMillan	TX
WGQ	pl		Gulf South Pipeline	Claire Burum Randy Young	TX
RGQ	s		Latitude Technologies	Leigh Spangler	TX
WGQ	s		Latitude Technologies	Leigh Spangler	TX
WGQ	e		Lower Colorado River Authority	Mickey Bell	TX
WGQ	pr		Marathon Oil Company	Robin Perrine	TX
WGQ	pr		Mewbourne Oil Company	Michael F. Shepard	TX
WGQ	pl		Natural Gas Pipeline Co of America	Paul Love	TX
WGQ	pr		Occidental Energy Marketing Inc. (OEMI)	Carol Wilson	TX
WGQ	pl		Panhandle Eastern Pipe Line	Bill (William) Grygar Kim Van Pelt	TX

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WGQ	s		Prospect Energy	Lyn Maddox	TX
WGQ	s		Quorum Business Solutions Inc.	Douglas Allen	TX
REQ	su		Reliant Energy Retail Services, LLC	Derek Mauzy	TX
WGQ	e		Reliant Energy Services, Inc.	Gary Hinners, John Orr, Janie Mitcham	TX
WGQ	pl		Sabine Pipe Line LLC	Jan Rogers	TX
WGQ	s		Sequent Energy Management, L.P.	Pat Metteauer	TX
RGQ	su		Shell Energy Services	Harry Kingerski	TX
WGQ	pl		Shell Gas Transmission, LLC	Chuck Cook	TX
REQ	s		Structure Group	Stacey Wood	TX
WGQ	s		SunGard Energy Systems	Maria Onufrow Jennifer Chen	TX
RGQ	s		SunGard EnForm Consulting	David F. Pfeifer	TX
WEQ	g	merc	Tenaska, Inc.	Scott Helyer	TX
WGQ	pl		Texas Gas Transmission, LLC	Jeff Bittel	TX
WGQ	s		Tractebel Energy Marketing, Inc.	Mark Hodges	TX
WGQ	pl		Transwestern Pipeline Co.	Donna Scott	TX
WGQ	s		Trinity Apex Solutions, Inc.	Matt Armstrong	TX
WEQ	m	niou	TXU Business Services	Brad Jones, Jeff Shorter, Mike Grim	TX
WEQ	t	iou	TXU Electric Delivery	Ellis Rankin	TX
REQ	su		TXU Energy Retail	Felecia Lokey	TX
WGQ	s		TXU Energy Trading Co.	Brad Jones	TX
WGQ	pl		TXU Lone Star Pipeline Company	Steve Easley	TX
WGQ	pl		Williams Gas Pipeline	Dale Davis Ron Mucci	TX
WGQ	pl		Kern River Gas Transmission Company	Janie Nielsen	UT

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WGQ	pl		Questar Pipeline Co.	Scott Hansen	UT
WGQ	pl		Columbia Gas Transmission	Carl Levander	VA
WGQ	pl		Columbia Gulf Transmission Co.	Carl Levander	VA
REQ	e		Defense Energy Support Center	Lisa Robert	VA
WGQ	e		Defense Energy Support Center	Veronica Jones Jacob Moser	VA
WEQ	g	iou	Dominion Energy Marketing, Inc.	Louis Oberski	VA
WGQ	l		Dominion Resources	Craig Colombo	VA
WGQ	pl		Dominion Transmission, Inc.	Gary Sypolt Iris King	VA
REQ	d		Dominion Virginia Power	David F. Koogler Mary Edwards	VA
WEQ	d	muni/coop	National Rural Electric Cooperative Assoc.	Barry Lawson	VA
WEQ	g	muni	Old Dominion Electric Cooperative	James N. Kimball	VA
WGQ	l		Washington Gas Light Co.	Adrian Chapman, Tim Sherwood, Jennifer Deegan	VA
RGQ	d		Washington Gas Light Company	Adrian P. Chapman, Samiah Bahhur, Kenneth W. Yagelski	VA
WEQ	g	muni	Vermont Public Power Supply Authority	William J. Gallagher	VT
WEQ	t		Avista Corp.	Scott A. Waples	WA
WEQ	e	lind	Boeing Company, The	Steve LaFond	WA
WGQ	e		Boeing Company, The	Tina Burnett	WA
WEQ	t	fed	Bonneville Power Administration	Barbara Rehman	WA
WGQ	l		Cascade Natural Gas Corporation	Mark Sellers-Vaughn	WA
WEQ	t	niou	Puget Sound Energy, Inc.	George Marshall Bob Harshbarger	WA
WEQ	t	itc	American Transmission Company LLC	Julie Voeck	WI
WEQ	t	muni	Dairyland Power Cooperative	Chuck Callies	WI

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WEQ	d	iou	We Energies (Wisconsin Electric)	Linda Horn	WI
WEQ	g	iou	We Energies (Wisconsin Electric)	James R. Keller	WI
WEQ	d	muni	Wisconsin Public Power Inc.	Mike Stuart	WI
WEQ	g	iou	Wisconsin Public Service Corporation	William Bourbonnais Charles W. Severance	WI
RGQ	d		Wisconsin Public Service Corporation	William Bourbonnais, Glen R. Schwalbach, Les Nishida	WI
REQ	d		Wisconsin Public Service Corporation	William L. Bourbonnais Les Nishida	WI
WGQ	l		Wisconsin Public Service Corporation	Patrick Fox	WI

Legend:

Quadrants:	REQ	Retail Electric Quadrant
	RGQ	Retail Electric Quadrant
	WEQ	Wholesale Electric Quadrant
	WGQ	Wholesale Gas Quadrant
Segments:	d	distribution
	e	end users
	g	generators
	l	local distribution companies
	m	marketing/merchant
	n	not specified
	pl	pipeline
	pr	producer
	s	services
	su	suppliers
	t	transmission
Subsegments ¹ :	com res	commercial – residential
	comp ret	competitive retailer
	end use	end user also in other segments
	fed	federal/state/provincial
	iou	investor owned utility or affiliated with an investor owned utility
	itc	independent transmission company
	lind	large industrial
	merc	merchant
	muni	municipal/coop
	muni/coop	municipal/coop
	nd	non-disclosed
	niou	non-investor owned utility
	other	other
	reg	regulator
	sgen	self generator

¹ Subsegments only apply to the segments within the wholesale electric quadrant.