

**North American Energy Standards Board  
Prepared September 12, 2019**

Sort by State/Province

Quadrant	Segment	Member Company	Contact	State / Province
WEQ	ts	8760, Inc.	Jim Buccigross	AL
WGQ	s	8760, Inc.	Jim Buccigross	AL
WEQ	d	Alabama Municipal Electric Authority	Mark Ennis	AL
WEQ	d	PowerSouth Energy Cooperative	William Ronald Graham	AL
WGQ	pl	Alliance Pipeline, LP	Robert Engelhardt, Marcy McCain, Megan Miller, Christopher Burden	ALB
WEQ	i	Southwest Power Pool	Carl Monroe, Michael Desselle, Charles Yeung, Joshua Phillips	AR
RMQ	e	Arizona Corporation Commission	Robert G. Gray	AZ
WEQ	t	Arizona Public Service Company	Ashley Kelly, Twyana Blair	AZ
WGQ	e	Salt River Project Agricultural Improvement & Power District	Willis E. McCluskey	AZ
RMQ	g	Systrends USA	Dave Darnell	AZ
WEQ	t	Tucson Electric Power Company	Raquel Aguilar, Ed Beck, Amy Welander	AZ
WEQ	t	BC Hydro	Brenda Ambrosi	BC
WEQ	m	Powerex Corp.	Michael L. McWilliams, Erika Rosin, Connor Curson	BC
WGQ	s	Blackstone Technology Group, Inc.	Rakesh Agrawal	CA
RMQ	e	California Energy Commission	Melissa Jones	CA
WEQ	e	California Energy Commission	Melissa Jones	CA
WGQ	e	California Energy Commission	Melissa Jones	CA
WEQ	i	California ISO	Brian Jacobsen	CA
RMQ	e	California Public Utilities Commission	Marzia Zafar	CA
WEQ	e	California Public Utilities Commission	Marzia Zafar	CA
WGQ	e	Imperial Irrigation District	Timothy Hamilton, R. Marc Printy, Scott Harding	CA
WEQ	m	Los Angeles Department of Water and Power	Anton Vu, Joel F. Cordero	CA
WEQ	t	Los Angeles Department of Water and Power	Sueyen McMahon	CA
WGQ	s	Macquarie Energy LLC	Kevin Pooler, Christi Nicolay	CA
RMQ	s	Open Energy Solutions, Inc.	Larry Lackey	CA
WGQ	l	Pacific Gas and Electric Company	Dave Lewis	CA
WEQ	d	Sacramento Municipal Utility District	Jon Olson, Sunny Buchert, Kelly Goodson, Francesca Lippsmeyer	CA
WEQ	t	San Diego Gas & Electric Company	Martine Blair	CA

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WGQ	pl	Sempra LNG, LLC	Jerrod L. Harrison, Aminda Silva	CA
RMQ	e	ZigBee Alliance	Tobin Richardson	CA
WGQ	s	Emera Energy Services, Inc.	Dary Jessome, Will Szubielski	CAN
WEQ	t	Manitoba Hydro	Robin Rebillard	CAN
WEQ	m	Nalcor Energy	Erin McCormack	CAN
WEQ	t	SaskPower Corporation	Darwin Bender	CAN
WGQ	l	Colorado Springs Utilities	Abdessamad Nassif	CO
WGQ	pl	Dauphin Island Gathering Partners	Tyler Culbertson	CO
WGQ	s	Encana Marketing (USA) Inc.	Jeff Jarvis	CO
WGQ	s	S&P Global	Sue Dlin, Arleen Long	CO
WEQ	g	Tri-State G&T Association, Inc.	Janelle Marriott	CO
WEQ	t	Tri-State Generation and Transmission Association, Inc.	Doug Reese	CO
WEQ	m	Western Area Power Administration	Rebecca Johnson	CO
WEQ	t	Western Area Power Administration	Raymond Vojdani, Steve Sanders	CO
WEQ	m	Xcel Energy Inc.	Randall L. Oye	CO
RMQ	s	Xtensible Solutions LLC	Shawn Hu	CO
WEQ	t	AVANGRID	Jim Clemente	CT
WGQ	s	Castleton Commodities Merchant Trading L.P.	Tara Liscombe, Amy McConnel	CT
WEQ	t	Eversource Energy	David Burnham, Andrew Y. Tan	CT
WGQ	pl	Iroquois Gas Transmission System	Tom Gwilliam	CT
WEQ	d	American Public Power Association	Delia Patterson, Jack Cashin	DC
WGQ	e	Department of Energy	Christopher Freitas	DC
WEQ	n	Edison Electric Institute	Philip D. Moeller, Jennifer Murray	DC
WEQ	t	Morgan, Lewis & Bockius LLP	Stephen M. Spina	DC
RMQ	e	National Association of Regulatory Utility Commissioners	Sam Watson	DC
WEQ	e	National Association of Regulatory Utility Commissioners	Sam Watson	DC
WEQ	ts	The Faraday Grid	Mark Stultz	DC
WGQ	pl	Eastern Shore Natural Gas Company	Laura Fevrin	DE
WEQ	d	Florida Municipal Power Agency	Carol Chinn, Chris Gowder	FL

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WEQ	g	Florida Municipal Power Agency	Carol Chinn, Chris Gowder	FL
WEQ	m	Florida Power & Light Company	Tim Gerrish, Chuck Helber	FL
WEQ	t	Florida Power & Light Company	Bernardo Benigni, Miguel Yanes	FL
WGQ	e	Florida Power & Light Company	Paul Zhang, Art Morris	FL
WGQ	pl	Florida Southeast Connection LLC	Mark McClure	FL
WEQ	t	JEA	John Babik	FL
WGQ	l	Peoples Gas System	Karen L. Bramley	FL
WEQ	m	Seminole Electric Cooperative, Inc.	Michael Ward	FL
WEQ	d	Tampa Electric Company	David Crabtree	FL
WGQ	s	The Energy Authority, Inc.	Mark Kinevan, John B. Lucas	FL
WEQ	t	Georgia Transmission Corporation	Patrick McGovern	GA
WGQ	l	Southern Company Gas	Tim Sherwood	GA
RMQ	u	Southern Company Services, Inc.	Don Brundage, Lincoln E. Wood	GA
WEQ	g	Southern Company Services, Inc.	Steven D. Lowe, JT Wood	GA
WEQ	m	Southern Company Services, Inc.	Ron Carlsen, JT Wood	GA
WEQ	t	Southern Company Services, Inc.	Wes Barber, JT Wood	GA
WGQ	e	Southern Company Services, Inc.	Alan Kilpatrick, Roy D. Hiller	GA
RMQ	g	SouthStar Energy Services, LLC	Michael Braswell	GA
RMQ	s	Znalytics, LLC	Mary Do	GA
WEQ	m	MidAmerican Energy Company	Dennis Kimm	IA
WEQ	t	Idaho Power Company	Josh Harris, Kathy Anderson	ID
WEQ	e	Idaho Public Utilities Commission	Matt Evans	ID
WGQ	e	Idaho Public Utilities Commission	Matt Evans	ID
WGQ	s	Aquilon Energy Services, Inc.	Jeffrey Wagner, Sylvia Munson	IL
WEQ	m	Exelon Generation Company, LLC	William Berg	IL
WEQ	g	Indiana Municipal Power Agency	Scott Berry	IN
WEQ	t	Indianapolis Power and Light Company	Michael L. Holtsclaw	IN
WGQ	e	Midcontinent Independent System Operator, Inc.	Leonard Ashley	IN

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WEQ	i	MISO	Adam Solomon, Bobbi Welch	IN
WGQ	l	NiSource Inc.	Deepak Raval, Michael D. Watson	IN
WEQ	g	Wabash Valley Power Association	Susan Sosbe	IN
WGQ	pl	Tallgrass Operations, LLC	Karl Almquist	KS
WEQ	t	LG&E and KU Services Company	Ashley Moore, Daryn Barker	KY
WGQ	pl	Southern Star Central Gas Pipeline	Robin Joska, Ronnie Hensley, Doug Field	KY
WEQ	t	Entergy Services, Inc.	Yarrow Etheredge	LA
WGQ	e	Entergy Services, Inc.	Laura Berryman, Pete Palmisano	LA
WEQ	ts	Adjoint Inc.	Havell Rodrigues	MA
WEQ	t	Emera Maine	Lisa Martin	MA
WEQ	i	ISO New England, Inc.	Matthew F. Goldberg, Douglas Smith	MA
WEQ	e	Maine Public Utilities Commission	Denis Bergeron	MA
WGQ	l	National Grid	Andrew MacBride	MA
WEQ	ts	Organization for the Advancement of Structured Information Standards (OASIS)	Contact Pending	MA
WEQ	ts	Reliable Energy Analytics	Richard Brooks	MA
WGQ	s	Skipping Stone, LLC	Greg Lander	MA
WGQ	s	Exelon Generation Company, LLC	Lisa Simpkins, Joseph Kirwan, Andrea Kullman, Jennifer Scott	MD
RMQ	e	Maryland Public Service Commission	Dan Hurley	MD
WGQ	s	ALFA Corporativo S.A. de C.V.	Gerardo Galvan, Christian Kukutschka, Roberto Blanco	MEX
WGQ	s	Centro Nacional de Control del Gas Natural (CENAGAS)	Regina Iburgüengoytia García	MEX
RMQ	g	Gas Natural Servicios, S.A. de C.V.	Alberto Alberto Alfaro	MEX
WGQ	pl	IEnova Pipelines, S de R.L. de C.V.	Victor Manuel Lozano Chavez	MEX
WGQ	s	DTE Energy Trading, Inc.	Gregory V. Staton, James Buck, Dena Crawford, Marcia L. Hissong, Ann Marie Jambor, Cynthia Klots, Shelley Greene	MI
WGQ	l	DTE Gas Company	Jennifer A Marinelli	MI
WGQ	pl	Vector Pipeline L.P.	Amy Bruhn	MI
RMQ	e	Minnesota Public Utilities Commission	Robert Harding	MN
WEQ	e	Minnesota Public Utilities Commission	Robert Harding	MN

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WEQ	e	Open Access Technology International, Inc.	Jerry Dempsey	MN
WEQ	t	Open Access Technology International, Inc.	Paul R. Sorenson	MN
WGQ	s	World Fuel Services, Inc.	Rachel B. Dyrud	MN
RMQ	u	Ameren Services Company	Patrick Eynon	MO
WEQ	t	Associated Electric Cooperative, Inc.	Chris McGeeney	MO
WEQ	g	KCP&L and Westar, Evergy Companies	Denise Buffington	MO
WEQ	t	KCP&L and Westar, Evergy Companies	Denise Buffington	MO
WGQ	l	Liberty Utilities	Bill Killeen, Deborah Gilbertson	MO
WGQ	l	Spire Inc.	Mark Darrell	MO
WEQ	ts	National Institute of Standards and Technology	David A. Wollman	MS
WEQ	t	NorthWestern Corporation	Michael McGowan, Frank O'Connor	MT
RMQ	u	Duke Energy Corporation	Stuart Laval, David Lawrence	NC
WEQ	d	Duke Energy Corporation	Paul Graves	NC
WEQ	t	Duke Energy Corporation	Jack Armstrong, Lee Schuster	NC
RMQ	s	Green Button Alliance	Jeremy J. Roberts	NC
WEQ	d	North Carolina Electric Membership Corporation	Luis Fondacci, Richard McCall, James R. Manning	NC
WGQ	l	Piedmont Natural Gas	Todd Breece, Brady Gould	NC
WEQ	g	Basin Electric Power Cooperative	Jason Doerr	ND
WEQ	m	Basin Electric Power Cooperative	Daniel Schaaf Gallager	ND
WEQ	t	Basin Electric Power Cooperative	Dave Rudolph, Jill Rummel	ND
WGQ	pl	WBI Energy Transmission, Inc.	Nancy Senger, Lori Myerchin, Gwen Schoepp	ND
WEQ	m	Municipal Energy Agency of Nebraska	Robin Spady	NE
WEQ	t	Nebraska Public Power District	Don Schmit, Tony Eddleman	NE
WGQ	pl	Northern Natural Gas	Micki Hoffee, Vickie Wonder	NE
WGQ	pl	ONEOK, Inc.	Denise Adams, Melissa McBroom, Aaron Wright	NE
WEQ	g	Tenaska, Inc.	Brad Cox	NE
WEQ	e	GMO GlobalSign, Inc.	Lila Kee	NH
RMQ	g	Sprague Operating Resources LLC	Paul Scoff	NH

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WGQ	l	Unitil Service Corporation	Joseph Conneely	NH
RMQ	e	New Jersey Board of Public Utilities	Cynthia Covie, Lauren Mattox	NJ
WEQ	g	New Jersey Board of Public Utilities	Cynthia Covie, Lauren Mattox	NJ
WGQ	l	New Jersey Natural Gas	Kathryn Ferreira	NJ
WGQ	s	NJR Energy Services Company	Ginger Richman	NJ
WEQ	d	North American Electric Reliability Corporation (NERC)	Mark Lauby	NJ
WEQ	e	North American Electric Reliability Corporation (NERC)	Howard Gugel	NJ
WEQ	g	NRG Energy, Inc.	Derek Mauzy, Alan Johnson, Elizabeth Killinger	NJ
WEQ	m	Public Service Company of New Mexico	Steven Maestas, Darren Wilkins, Roger Vaughn	NM
WEQ	m	NV Energy	Sheryl Torrey	NV
WEQ	t	NV Energy, Inc.	Marilyn Franz	NV
WGQ	pl	Paiute PipeLine Company	Mark A. Litwin	NV
WGQ	l	Southwest Gas Corporation	John Olenick, Mark Anderson, Mark Litwin	NV
WGQ	l	Consolidated Edison Company of NY	Joel Yu	NY
WGQ	e	Environmental Defense Fund, Inc.	N. Jonathan Peress	NY
WGQ	l	Iberdrola USA Management Corporation (Rochester Gas and Electric Corp)	Mark Marini	NY
WGQ	s	JP Morgan Chase Bank, NA	Colin Frank	NY
WGQ	l	National Fuel Gas Distribution Corporation	Mike Novak	NY
WGQ	pl	National Fuel Gas Supply Corp.	Deborah Kupczyk	NY
WEQ	i	New York Independent System Operator, Inc.	Wesley Yeomans, Vijaya Ganugula	NY
WEQ	d	New York State Reliability Council	Bruce Ellsworth	NY
WGQ	e	Power Authority of the State of New York (dba NYPA)	Enrico Montesa, Jr., Rita Desai	NY
WEQ	g	American Electric Power Service Corp.	Barry Schumann, Phil Cox	OH
WGQ	l	American Gas Association	Matthew J. Agen, Pete Connor	OH
WEQ	m	American Municipal Power, Inc.	Chris Norton	OH
RMQ	e	Public Utilities Commission of Ohio	Krystina Schaefer, Barbara Cote	OH
WEQ	e	Public Utilities Commission of Ohio	Krystina Schaefer, Barbara Cote	OH
WGQ	pr	Cimarex Energy Co	Wayne C. Chang	OK
WGQ	pr	Devon Energy Corporation	Brandon Guderian	OK
WGQ	s	Enable Energy Resources, LLC	Cary Metz	OK

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WGQ	l	ONE Gas, Inc.	Larry Dykes	OK
WEQ	ts	Power Costs, Inc. (PCI)	Javier Martin	OK
WGQ	s	Tiger Natural Gas	John Burris	OK
WGQ	s	WPX Energy Marketing, LLC	Rich Ficken, Sherry Sawyer	OK
WEQ	i	Independent Electricity System Operator (IESO)	Nicholas Ingman, Scott Berry	ONT
RMQ	e	Ontario Ministry of Energy	Senka Krsikapa, Andrew Howse	ONT
WEQ	g	Avangrid Renewables, LLC	Erin Kester, Jan Korver	OR
WEQ	d	Bonneville Power Administration	Eric H. Carter, Michael Steigerwald, Rebecca Berdahl	OR
WEQ	g	Bonneville Power Administration	Scott Winner, Ann Shintani	OR
WEQ	m	Bonneville Power Administration	Andrew P. Meyers, Ann Shintani	OR
WEQ	t	Bonneville Power Administration	Michael D. Bausch, Rebecca Berdahl	OR
WGQ	l	Northwest Natural Gas Company	Randolph Friedman	OR
WEQ	m	PacifiCorp	Joseph Hoerner	OR
WEQ	t	PacifiCorp	Rick Vail	OR
WEQ	t	Portland General Electric	John Walker, Johnny Useldinger	OR
RMQ	g	American Public Gas Association (APGA)	Donnie Sharp	PA
WGQ	pl	EQM Midstream Partners, LP	Clifford W. Baker	PA
WEQ	ts	Monitoring Analytics, LLC	John Dadourian	PA
RMQ	e	Pennsylvania Office of Consumer Advocate	Tanya J. McCloskey	PA
RMQ	g	Pennsylvania Office of Consumer Advocate	Tanya J. McCloskey	PA
RMQ	e	Pennsylvania Public Utility Commission	Lee Yalcin, Jeff McCracken	PA
RMQ	g	Philadelphia Gas Works	Frank Weigert	PA
WEQ	i	PJM Interconnection, LLC	Asanga Perera, Gary Helm, Christina Stotesbury	PA
WGQ	pl	Rager Mountain Storage Company, LLC	Clifford W. Baker	PA
WGQ	pl	UGI Central Gas Control, LLC	Craig Blume	PA
WEQ	t	Hydro - Quebec Transenergie	Michel Prevost	QUE
WEQ	d	Central Electric Power Cooperative	Kale Ford	SC
WEQ	t	Dominion Energy South Carolina, Inc.	Matthew Hammond, James T. Stalling, Jr., Sonya Green-Sumpter, Matt Bullard, Kevin Snitzform	SC

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WEQ	t	Santee Cooper	Chris Wagner	SC
WEQ	g	Black Hills Corporation	Kenna Hagan	SD
WEQ	d	Missouri River Energy Services	Raymond J. Wahle	SD
RMQ	s	Intelometry, Inc.	Michael Walsh	TN
WEQ	g	Tennessee Valley Authority	Karen Utt, Valerie Crockett	TN
WEQ	m	Tennessee Valley Authority	Dianne Hensley, Valerie Crockett	TN
WEQ	t	Tennessee Valley Authority	Jason L. Adams, Heather Burnette, Valerie Crockett	TN
WGQ	e	Tennessee Valley Authority	Valerie Crockett, Mark Kinevan	TN
WGQ	s	44Farris, LLC	Sylvia Munson	TX
WEQ	ts	Adapt2 Solutions, Inc.	David Nilsson	TX
WGQ	s	Ambit Energy Holdings, LLC	Drew Gormley	TX
WGQ	s	American Midstream Partners, LP	Bryan M. Escobedo	TX
WGQ	pr	Anadarko Energy Services Company	Y. J. Bourgeois, Beth Fruge, Scott Marshall, Chris Briggs, Brent Beitler	TX
WGQ	pl	Atmos Energy	Steve Easley	TX
RMQ	s	Big Data Energy Services	J. Cade Burks, Jennifer Teel	TX
WGQ	pl	Boardwalk Pipelines	Randy Young, Kim Van Pelt	TX
WGQ	pr	BP Energy	Jennifer Minnis	TX
WGQ	e	Calpine Corporation	Shonnie Daniel, Jay Dibble	TX
RMQ	u	CenterPoint Energy Houston Electric, LLC	John Hudson	TX
WGQ	s	CenterPoint Energy Services, Inc.	Jeffrey Perryman, Timothy Muller, Wade Sadler	TX
WGQ	pl	Cheniere Creole Trail Pipeline, LP	Valerie Salas	TX
WGQ	pr	Chevron Natural Gas	Charles (Chuck) Cook	TX
WGQ	s	Citigroup Energy, Inc.	Carrie Southard, Angela Davis	TX
RMQ	e	City of Houston	Ray Cruz	TX
WGQ	pr	ConocoPhillips Company	Ben Schoene	TX
WEQ	e	Corpus Christi Liquefaction, LLC	Donna Lowry	TX
WGQ	pl	Crestwood Equity Partners LP	Rob Perkins, Mark Mitchell, James Johnston, Christine Dixon	TX
WEQ	t	El Paso Electric	Michael Sahs	TX



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RMQ	e	Electric Reliability Council of Texas, Inc. (ERCOT)	Mark Ruane	TX
WEQ	i	Electric Reliability Council of Texas, Inc. (ERCOT)	Carrie Bivens, Paul Wattles, Joel Mickey	TX
RMQ	s	Emil Peña Interests, Inc. (EPII)	Emil Peña	TX
WGQ	pl	Enable Gas Transmission, LLC	Cindy Suarez, Valerie Price	TX
WGQ	pl	Enable Mississippi River Transmission, LLC	Cindy Suarez, Valerie Price	TX
WEQ	t	Enbridge (U.S.) Inc.	Travis Allen	TX
WGQ	pl	Enbridge (U.S.) Inc.	Marcy McCain, Megan Miller, Christopher Burden	TX
WGQ	pl	Energy Transfer Equity, L.P.	Michael Langston, Larry Biediger, Mary Draemer, William White, Miki Kolobara	TX
WGQ	pr	EP Energy E&P Company, L.P.	Racquel Jackson	TX
WGQ	pr	Exxon Mobil Corporation	Randy E. Parker	TX
WEQ	ts	FIS	Robin Pollara	TX
WGQ	s	FIS	Kirt Kleinman	TX
WGQ	pl	Freeport LNG Development L.P.	Adam Valentine	TX
WGQ	pl	Golden Pass Pipeline, LLC	Joel Hindman	TX
WGQ	pl	Golden Triangle Storage, Inc.	Kimberly Watson, John Fortman, Darryl Kilpatrick	TX
WGQ	s	Gunvor USA LLC	David Webster, Jonathan Lietzke	TX
WEQ	ts	Hartigen Solutions LLC	Andy Tritch	TX
WGQ	s	Haynes and Boone, LLP	Kim Mai	TX
WGQ	pl	Kinder Morgan Inc	Gene Nowak, Mark Gracey, Nichole Lopez	TX
WGQ	pl	Kinetica Partners, LLC	Lynn Nguyen, Bill Prentice	TX
RMQ	g	Latitude Technologies LLC	Leigh Spangler	TX
WGQ	s	Latitude Technologies LLC	Leigh Spangler	TX
WGQ	pr	Marathon Oil Company	Robin Phillips, Roger Raymond	TX
WGQ	pl	MCP Operating LLC (Stingray Pipeline Company, L.L.C.)	Jeremy Durocher	TX
WGQ	s	Mercuria Energy America, Inc.	Charmin W. Duhe	TX
WGQ	s	NatGasHub.com	Jay Bhatt	TX
RMQ	u	Oncor Electric Delivery Company LLC	Debbie McKeever, Chris Rowley, Mark Carpenter	TX
RMQ	e	Public Utility Commission of Texas	Therese Harris	TX
WGQ	s	Quorum Business Solutions Inc.	Emily Perryman	TX

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WGQ	s	RBN Energy LLC	Richard G. Smead	TX
WGQ	e	Sabine Pass Liquefaction, LLC	Emily Browning	TX
WGQ	s	Sequent Energy Management, L.P.	Karen Bleil, Kathryn L. McCoy	TX
WGQ	s	Shell Energy North American (US), L.P.	Eric Gillaspie	TX
WEQ	ts	SoftSmiths, Inc.	Lawrence S. Stone	TX
WEQ	e	SSL.com	Leonard Grove	TX
WGQ	pr	SWN Energy Services Company, LLC	Bill Hebenstreit	TX
WGQ	pl	TransCanada Pipelines Limited	Steven W. McCord, Millie S. Moran, Sherry Hill	TX
WGQ	pl	Williams	Michael Rasmuson, Melissa Casey, Brian Roquemore	TX
WEQ	g	Deseret Generation & Transmission Co-operative	Clay MacArthur	UT
WGQ	pl	Kern River Gas Transmission Company	Brenda Horton	UT
WEQ	t	Western Electricity Coordinating Council	Layne Brown	UT
WGQ	e	Defense Logistics Agency	Paul Rossi, Brett Campeol, Scott Taetsch	VA
RMQ	u	Dominion Energy	Brandon Stites	VA
WGQ	l	Dominion Energy Inc.	Craig Colombo	VA
WGQ	pl	Dominion Energy Transmission Inc.	Rachel A. Hogge, Ron Tomlinson	VA
WEQ	g	Dominion Resources Services, Inc.	Lou Oberski	VA
WEQ	d	National Rural Electric Cooperative Association	Paul McCurley	VA
WEQ	g	Vermont Public Power Supply Authority	William J. Gallagher	VT
RMQ	e	Vermont Public Service Board	Mary Jo Krolewski	VT
WEQ	e	Vermont Public Service Board	Mary Jo Krolewski	VT
WEQ	t	Avista Corporation	Jeff Schlect, Kenneth Dillon	WA
WGQ	l	Cascade Natural Gas Corporation	Eric Wood	WA
WEQ	t	Puget Sound Energy, Inc.	Bob Harshbarger, Chelsey Neil	WA
RMQ	s	Schweitzer Engineering Laboratories	Jedidiah W. Bartlett	WA
WEQ	e	Seattle City Light	Robin Cross, Cory Anderson	WA
WEQ	m	Seattle City Light	Robin Cross	WA

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WEQ	d	Snohomish County PUD No. 1	Ian Hunter	WA
WEQ	d	Tacoma Power	Rick Applegate	WA
WEQ	d	We Energies (Wisconsin Electric)	Linda Horn	WI
WEQ	g	We Energies (Wisconsin Electric)	Christopher Plante	WI
RMQ	g	WEC Energy Group	Tom Aridas, Ken Thiry	WI
RMQ	u	WEC Energy Group	Dennis Derricks, Ken Thiry	WI
WGQ	l	WEC Energy Group	Todd Duffield, Jody Arendt	WI
WEQ	d	WPPI Energy	Todd Komplin	WI

\* The quadrant abbreviations are: **RMQ**: Retail Markets Quadrant, **WEQ**: Wholesale Electric Quadrant, **WGQ**: Wholesale Gas Quadrant

\*\* 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. **WGQ**: s – services, pl – pipeline, l – LDC, pr – producer, e – end user.