February 29, 2016

**TO: NAESB Revenue Committee:** Michael Desselle, Jim Buccigross, Cade Burks, Valerie Crockett, Bruce Ellsworth, Joe Hartsoe, Michael Langston, Debbie McKeever, Gene Nowak, Randy Parker, Terry Thorn, Roy True

**FROM:** Rae McQuade, NAESB President and Executive Director

**RE:** Membership Analysis, Vacancies on the Board and EC, Membership Prospects – February 29, 2016

via email

Dear NAESB Revenue Committee:

This report has several parts, all of which should provide information to support the committee as it determines actions to take to solicit participation and membership in NAESB. We truly appreciate your efforts in helping grow our organization --

Best Regards,

Rae McQuade

Enclosures: (1) Membership Prospects: (a) Non-member Individual Companies, (b) Non-member Purchase,  
(c) Trade Associations

(2) New Members in 2015 and 2016

(3) Member Resignations in 2015 and 2016

(4) Vacancies on the Board and Executive Committee

(5) Membership Roster Sorted by Company

| Attachment 1a  NAESB Membership Prospects – Non-member Individual Companies | | | | |
| --- | --- | --- | --- | --- |
| Membership Prospects | | Source | Contact/Notes | Assignment |
| W/P | Acciona Energy North America | Office | Labij Denis – 12/8/2014 WEQ eTag v1.8.2 waiver request for evaluation (access 12/8-11/2014) reply 1/16/2015 purchased WEQ eTag v1.8.2 | D. Rager |
| S | Aclara | Office | David Haynes – 06/10/2015 considering participation RMQ OpenFMB; 6/11/2015 registered for RMQ OpenFMB (12 month task force participation) | D. Rager |
| X | Alstom Grid | Office | Josh Makineni – 05/28/2015 requesting information on membership and access to eTag Spec 1.8.2 and OASIS standards (sent packet) | D. Rager |
| X | AltaGas Ltd. | Office | Katalin Kiss – 07/22/2015 requested information on the NAESB NGL Master Agreement; spoke with Katalin 07/23/2015 sent information on agreement and membership information. | D. Rager |
| **P** | APX, Inc. | Office | John Shewchuk – 11/10/2015 requested information on membership (sent packet). Purchased REQ.21 on 1/12/2016 | D. Rager |
| X | Aquilon Energy Services, Inc. | Office | Julie Palin, VP Customer Service – 11/19/2014 energy software developer interested in membership (sent packet) 1/27/2015 sent follow-up email ; reply from Julie “$7000 fee is hard to justify for our needs; going forward if you decide to offer a lower cost membership please let us know” | D. Rager |
| X | Argus Media, Inc. | Office | Tom Bankert – 1/8/2015 discuss how Argus could work more closely with NAESB (authorized by FERC to be a price reporting agent (PRA) in the natural gas industry) – JB contacted 1/8/2015 | J. Booe |
| **P** | Austin Energy | Office | Abdur Rahma – 1/13/2016 requesting information on RMQ standards and membership in NAESB. Sent packet 1/13/2016 (Note: office sent GC letter egarding Green Button and NAESB REQ.21 ESPI standards 1/14/2016); Purchased REQ.21 ESPI standard 2/12/2016 | D. Rager |
| **P** | Baker Botts, LLP | Office | Svethlana Dzhaparov, Paralegal – 12/8/2014 model forms of offshore drilling and rig drilling contracts (sent packet) 1/27/2015 sent follow-up email. Purchased WGQ, version 3.0 standards 1/12/2016 | D. Rager |
| W | Baker McKenzie | Office | Natalie Regoli – 7/30/2015 waiver request to review the WGQ 6.3.1 Base Contract | D. Rager |
|  | Cascade Naturla Gas | Office | Carolyn Stone – 2/17/2016 requesting NAESB Home Page Access ; replied with membership information (sent packet) | D. Rager |
| X | Chelan County PUD | Office | Jay Fintz – 12/16/2014 requesting access to eTag Spec 1.8.2 and NITS (sent packet) 1/27/2015 sent follow-up email | D. Rager |
| **W** | Cienegas (Mexico) | J. Booe/ Office | Jose Trevino – 1/15/2016 requested waiver to evaluate WEQ Version 003.1, WGQ Version 3.0, REQ/RGQ Version 3.0. Waiver provided 1/15/2016 | D. Rager |
| X | City of Anaheim | Office | Abby Semblantes – 7/9/2015 sent membership and waiver information (WGQ Base Contract) | D. Rager |
| **P** | City of Pasadena | Office | Anthony Aquila – 4/30/2015 (sent packet); purchased WGQ 6.3.1 on 7/21/2015. Purchased WGQ 6.3.1 (ver 2002) on 1/6/2016 | D. Rager |
|  | CLEAResult | C.Burks | Doug Lewin – 2/22/2016 Cade provided information on NAESB DSM-EE efforts and NAESB Bulletin; Mr. Lewin will discuss further with Cade in late March | C. Burks/D. Rager |
| P | ComEd/Exelon Corporation | Office | Toni Garza – access to Retail MBPs 10/6/2014 (Exelon Energy resigned RMQ 1/6/2013) replied with information and packet 1/27/2015 sent follow-up email; Exelon Corporation purchased the REQ.21 (ESPI), version 3.0 MBPs on 5/22/2015 | D. Rager |
| X | Comision Federal de Electricidad | Office | Saludos Cordiales – 2/25/2015 sent email with participation options; 05/29/2015 sent follow-up email | D. Rager |
| P | Concord Energy LLC | Office | John P Evenstad – 11/11/2014 access/membership (sent packet) – reply 1/8/2015 purchased WGQ 6.3.5 contract | D. Rager |
| X | CPS Energy | J. Booe | Raiford Smith– 2/3/2015 sent email with participation options (co-submitter on RMQ Request No. R14008); 06/04/2015 sent follow-up email | J. Booe/D. Rager |
| **✓ P** | **Crestwood Equity Partners LP** *- WGQ, Services* | Office | Christine S. Dixon/Rob Perkins – 11/12/2015 submitted application for membership WGQ and purchase of standards for 2 affiliates; ***Joined 11/12/2015*** | D. Rager |
| X | CWP Energy | Office | Pascal Massey – 10/6/2014 (sent packet) – access to WEQ BPS 1/27/2015 sent follow-up email | D. Rager |
| X | Denver Energy Group | Office | Steve Fauk – 2/11/2015 sent email with information on purchase of WEQ-002, V3.0 and packet on joining; 05/29/2015 sent follow-up email | D. Rager |
| **✓** | **Direct Energy Business, LLC** *-WGQ, Services* |  | Steve Salese – 1/20/2016 they would like to re-join NAESB. Sent membership packet 1/20/2016. 1/29/2016 Received application (WGQ, services) requesting invoice. Sent invoice 1/29/2016; ***Joined 2/22/2016*** | D. Rager |
| X | DufEnergy Trading SA | Office | Tijana Pavlovic – 1/26/2015 Swiss-based trading company interested in becoming a member of NAESB WEQ and WGQ (sent packet 1/26/2015) replied 1/27/2015 requested information on US requirements | D. Rager |
| **W** | Edwards & Floom, LLP | Office | John Paul Floom – 2/11/2016 requested waiver to evaluate WGQ, version 3.0 standards; Waiver provided 2/11/2016 | D. Rager |
| **S** | Electric Power Research Institute (EPRI) | J. Booe | Matt Walkefield – 2/3/2015 sent email with participation options (co-submitter on RMQ Request No. R14008) 06/04/2015 sent follow-up email; 6/8/2015 Glen Chason registered for RMQ OpenFMB (12 month task force participation) | J. Booe/D. Rager |
| **P** | Enel Distribuzione S.p.A. (Italy) | J. Booe/D. Coffin | Silvia De Francisci – 1/22/2016 regarding purchase of REQ.21 standards for Green Button Certification. 1/25/2016 sent requested invoice. Purchaed REQ.21 ESPI standard 2/15/2016 | V. Thomason/D. Rager |
| **✓** | **Ernst & Young LLP** *- RMQ, Retail Electric Service Providers/Suppliers* | J. Booe | Joe Zhou – 5/12/2015 sent membership application; 7/1/2015 sent additional vendor forms required by E&Y (they are processing NAESB membership application)  ***Joined 7/30/2015*** | J. Booe/D. Rager |
| **✓** | **Gasoductos de Chihuahua S. de R.L. de C**.V.  *- WGQ, Pipeline* | Office | Victor Manuel Lozano Chavez and Adriana Torre – 04/06/2015 received membership fee; 04/08/2015 sent email requesting membership application; 5/4/2015 follow-up on application; 7/9/2015 received application  ***Joined 07/09/2015*** | D. Rager |
|  | GE | J. Booe | Robby Simpson – 4/16/2015 membership information (RMQ OpenFMB) 06/04/2015 sent follow-up email | J. Booe/D. Rager |
|  | GE | Office | Jeromy (Butch) Pinkham – 9/10/2015 sent waiver, membership and access information. | D. Rager |
| X | Golden Triangle Storage | Office | Kim Watson – 1/26/2015 reply to NAESB email distribution to Kathy McCoy on WGQ V3.0 access to non-members. (spoke with Kim 1/26/2015 – the will be submitting an order for the V3.0 WGQ standards) | D. Rager |
| **✓** P | **Green Button Alliance** *- RMQ, Retail electric service providers/suppliers* | J. Booe | Barry Haaser – 8/26/2015 sent email with access information for NAESB REQ.21 – ESPI standards; 8/31/2015 reply from Barry, he will forward the information to the team; 9/22/2015 purchased REQ.21 ESPI MBPs; 11/16/2015 received request for membership application; ***Joined 12/3/2015*** | D. Rager |
| X | Guzman Energy | Office | Chris Miller – 10/31/2014 (WGQ 6.3.1 (sent packet) – reply 12/23/2014 additional questions about purchase, spoke with Asheton Sawyer 1/27/2015 sent follow-up email; 2/3/2015 reply from Asheton Sawyer ‘At this time, Guzman Energy is still evaluating its needs and options with respect to NAESB membership. We will be sure to contact you once we determine our course of action.’ | D. Rager |
|  | Haynes and Boone, LLP | Office | Ramsha Ahmed – 10/13/2015 request for membership information sent 10/14/2015 | D. Rager |
| **P** | Honeoye Storage Corporation | Office | Richard Norman – 1/27/2015 reply to NAESB email distribution on WGQ V3.0 access to non-members. They are a very small standalone storage company (7 employees) without the capability to effectively participate in NAESB activities. (sent packet) they are leaning more to purchasing the V3.0 WGQ standards. 10/22/2015 request from Sheila Burge for additional information on purchase of standards; sent packet. Cullen and Dykman, LLP purchased WGQ, version 3.0 for Honeoye Storage Corporation 1/6/2016 | D. Rager |
| X | IGS Energy | Office | Corey Knox – 11/13/2014 request information for EDM upgrade (sent packet) EDI Analyst/ IBM Sterling B2B Architect (Interstate Gas Supply (IGS) resigned RMQ, serv 3/30/2010) 1/27/2015 sent follow-up email | D. Rager |
| **W** | IIR Energy | Office | William Marshall – 1/26/2016 requested waiver to evaluation WGQ version 3.0 standards. Waiver provided 1/26/2016 | D. Rager |
| X | Illinois Municipal Electric Agency | Office | Bob Thomas, Director, Reliability Compliance – 10/7/2014 (sent packet) access to WEQ BPS – 10/8 reply: Bob was going to check internally to see why they are not members 1/27/2015 sent follow-up email; reply 1/27/2015 from Bob Thomas ‘I recommended NAESB membership to IMEA senior management. I believe this is being given serious consideration. I’ll let you know if we have questions. Thanks for the follow-up, Bob’ | D. Rager |
| ✓ | **Indianapolis Power & Light Company** *- WEQ, Transmission* | Office | Mike Holtsclaw – 1/26/2015 planning to submit membership application, requested W-9 (sent 1/26/2015) ***Joined 03/06/2015*** | D. Rager/V. Thomason |
| X | Itron | Office | Eugene Falendysz – 4/16/2015 participation RMQ OpenFMB, 5/1/2015 spoke with Gene regarding questions about membership, they are strongly considering joining NAESB. 05/29/2015 sent follow-up email; 06/01/2015 reply – Itron will not be joining at this time. | D. Rager |
| **✓** | **Jacksonville Electric Authority (JEA)** *- WEQ, Transmission* | Office/R. McQuade | John Babik, Director of Electric Compliance – 12/15/2014 looking to join NAESB (previously with Dominion participated in NAESB);7/1/2015 spoke with John and JEA is completing the membership application; 7/6/2015 received membership application ***Joined 01/12/2016*** | D. Rager/ R. McQuade |
| **✓** | **Kern River Gas Transmission Co** *- WGQ, Pipeline* | D. Rager | Brenda Horton – 1/22/2016 they would like to re-join NAESB and sent application. Processing check for membership fee to be mailed. ***Joined February 9, 2016*** | D. Rager |
| X | Keyera Energy | Office | Shannon McIntee – 12/16/2014 access WGQ 6.3.1 (sent packet) 1/27/2015 sent follow-up email; 2/5/2015 Shannon McIntee replied ‘We will pass on the membership at this time.’ | D. Rager |
|  | King & Spalding | Office | Bill Wise - 1/27/2015 reply to NAESB email distribution on WGQ V3.0 access to non-members. Represents several small jurisdictional entities considering purchase of WGQ Vs 2.0 & 3.0 | J. Booe |
| X | Leidos Engineering, LLC | Office | Aaron Perrin, Lead Software Architect, Microgrid Solutions – 10/31/2014 Green Button (sent packet) | D. Rager |
| ✓ | **Links Technology Solutions, Inc.** *-WEQ, Technology and Services* | Office | Bob VanValkenburg – 7/29/2015 phone conversation on joining NAESB and participation in WEQ/WGQ FFS. They will participate as a nonmember in the August 13 planning meeting and see what comes out in order to determine which level of participation will fit Links. 8/26/2015 reply from Bob with application to join. ***Joined 8/26/2015*** | D. Rager |
| **W** | Michael Best & Friedrich LLP | Office | Jordan Hemaidan – 2/25/2016 requested waiver to evaluate WEQ, version 003 standards; Waiver provided 2/25/2016 | D. Rager |
|  | Michael J. Strauss (Consultant) | Office | Michael Strauss – 9/14/2015 sent access information for WGQ 6.3.1 and membership information. 9/14/2015 working with a developer of a proposed methanol facility, possibly interested in the use of NAESB contract as a base for their gas supply purchases. | D. Rager/J. Booe |
| ✓ | **Millennium Pipeline Company, LLC** *- WGQ, Pipeline* | Office | Erin Fennell/Gary Kruse – 7/22/2015 email requesting steps in joining as a result of letter distributed to GCs on FERC NOPR WGQ, version 3.0; sent membership information and received completed application w/proxy 7/22/2015 – received fee sent FedEx 07/24/2015. ***Joined 07/24/2015*** | D. Rager |
| ✓ | **Minnesota Public Utilities Commission** *- RMQ, Retail Electric End Users/Public Agencies -WEQ, End Users* | J. Booe | Chris Villarreal – 5/19/2015 sent membership application  ***Joined 05/19/2015*** | J. Booe/D. Rager |
|  | Monarch Natural Gas, LLC | Office | T.J. Henderson, Vice President – 10/23/2014 – WGQ 6.3.1 (sent packet); 6/4/2015 sent follow-up email | D. Rager |
| P | Morrison & Foerster | Office | Lisa Seiden – 04/29/2015 sent packet | D. Rager |
| P | Mountain Valley Pipeline LLC | J. Booe | Paul W. Diehl – 9/17/2015 proposed new pipeline needing access to the NAESB standards. J. Booe contacted Mr. Diehl; 9/24/2015 reply from Paul with purchase of the WGQ Version 3.0 standards. | J. Booe/ D. Rager |
| **W** | MW Analytics | Office | Brad Mullins (Consultant, Energy & Utilities) – 1/26/2016 requested waiver to evaluate WEQ-012 (PKI) and WEQ-022 (EIR) version 003.1 standards. Waiver provided 1/26/2016 | D. Rager |
|  | National Fuel Resources, Inc. | Office | Rosemary Garlapow & Shaun McCabe – 6/5/2015 | D. Rager |
| W | NaturEner USA, LLC | Office | Jeffrey Rehfeld – 12/15/2014 WEQ BPSv003 waiver request for evaluation (access 12/16-19/2014) 1/27/2015 sent follow-up email; 2/3/2015 Jeffrey replied ‘The internal consensus was not to join NAESB – at least at this time. However, as we know things change and companies evolve, so it is possible that at some future point in time that decision may change, and if so I will let you know.’ | D. Rager |
| X | Netmille | Office | Turik Campbell – 1/1/2015 subscribe to ESPI (sent packet) 1/27/2015 sent follow-up email | D. Rager |
|  | New Wave Energy Corporation | Office | Chad Griffin – 12/10/2015 requested information on the NAESB Base Contract (sent information and membership packet) 12/10/2016 | D. Rager |
|  | New York Power Authority | Office | Enrico Montesa – sent email with membership information 8/19/2015 | D. Rager |
|  | NextEra Energy Pipeline Services Co. | Office | Angela Dunn – 10/7/2015 spoke by phone and provided membership, access and non-member participation information. 10/7/2015 reply from Angela due to budget limitations, holding off until 2016 to join as a member. | D. Rager |
| ✓ | **Northwest Industrial Gas Users** *- WGQ, End Users* | Office | Edward Finklea – 11/17/2014 ***Joined 1/14/2015*** | D. Rager |
|  | nTels Co. (Seoul Korea) | Office | JiWon Choi – 1/25/2016 regarding access to the WEQ-018 (Specs for DR Signals) and WEQ-019 (Customer Energy Usage Inform Communication) standards. Sent information and packet 1/26/2016 | D. Rager |
|  | nTherm, LLC | Office | Karen Simpson – 2/8/2016 requesting access to the 2002 WGQ Base Contract (sent information and membership packet) | D. Rager |
| ✓ | **OATI** *- WGQ, Services - RMQ, Retail electric service providers/suppliers* | Office | Mary Brown – 11/10/2015 considering membership in WGQ; ***Joined WGQ and RMQ* 12/1/2015** | D. Rager |
| S | OMNETRIC Corp | Office | James Waight – 4/16/2015 2015 registered for RMQ OpenFMB (12 month task force participation) | D. Rager |
|  | Paulsboro Natural Gas Pipeline Company LLC | Office | Alan King – 7/30/2015 received request for information on joining as a result of letter distributed to GCs on FERC NOPR WGQ, version 3.0; sent membership information 07/30/2015 | D. Rager |
| W | PennWell Corporation – MAP Search | Office | Shawn McCarthy – 7/24/2015 email request regarding ESPI and possible membership; provided waiver to review ESPI standards and sent membership information 7/24/2015 | D. Rager |
|  | Piedmont Natural Gas | Office | Sarah Stabley – 5/14/2015 requested membership information by phone (sent packet) 6/30/2015 sent follow-up email | D. Rager |
|  | Pioneer Solutions LLC | Office | Prajwal Amatya – 7/2/2015 sent membership information | D. Rager |
| P | Power Settlements | Office | David Dan, CEO – T.J. Ferreira contacted the office and requested membership information be sent to Mr. Dan who was interested in the eTagging and OASIS Standards. He is a software provider. Sent membership and access information 8/18/2015; 8/22/2015 reply from David looking into purchasing the WEQ standards and eTag Specs. 8/27/2015 purchased the NAESB eTag Specs v1.8.2 | D. Rager |
|  | Public Service Commission of the District of Columbia | J. Booe | Brian O. Edmonds – 10/6/2015 sent membership application and information. 10/16/2015 confirmed receipt of application and information. | D. Rager |
|  | Real-Time Innovations (RTI) | J. Booe | Jerry Schaefer – sent membership information 3/6/2015; reply 3/7/2015 will discuss with leadership and get back to us. | J. Booe/D. Rager |
|  | Schneider Electric | J. Booe | Phil Davis – sent membership information 3/6/2015 | J. Booe/D. Rager |
|  | SERC Reliability Corporation | Office | Nate Davis and R. Poulsen – sent membership information 1/13/2016; replied he will call if they have additional questions. | D. Rager |
|  | Siemens | Office | Neil McFarlane – 7/9/2015 sent membership packet; 11/2/2015 Wayne Olfert requested additional information on access to home page and standards; sent packet | D. Rager |
|  | SK E&S Americas Inc | Office | Gary Hanks – 9/8/2015 sent membership and access information for WGQ Base Contract and standards. | D. Rager |
| X | Skadden | Office | Cynthia A. Lewis, Energy Regulatory Specialist – 10/15/2014 (sent packet) access to WGQ QEDM BPS 1/27/2015 sent follow-up email; reply 1/27/2015 Cynthia Lewis ‘Skadden is a law firm representing a large number of NAESB member companies. However, we rarely need WGQ BP standards. Thanks so much for your consideration and for following up.’ | D. Rager |
| S | Smart Grid Interoperability Panel (SGIP) | J. Booe | Stuart McCafferty – 4/16/2015 registered Larry Lackey for RMQ OpenFMB (12 month task force participation) | J. Booe/D. Rager |
|  | South Central MCN, LLC (A GridLiance Company) | Office | Trent Carlson – VP, Regulatory & Compliance 10/4/2014 – provide NAESB with current contact information based initially in Houston working with SPP, MISO and ERCOT; 5/29/2015 sent follow-up email; 6/3/2015 reply passed email to GC and will get back with us. | D. Rager |
| ✓ | **State of California Department of General Services** *-RMQ, Retail Gas Market Interests* | Office | Michelle Greever – 1/7/2015 WGQ 6.3.1v2002 and 2006; 1/8/2015 email from Teri Rohrer, we’re going to try a membership. I’ll get back to you as soon as I can get approval for the fee’ 1/27/2015 sent follow-up email; 1/27/2015 Teri Rohrer replied ‘We’re still hoping for this, but since we didn’t have this in our budget for the current year, we’ve had to submit a formal request for funds to the governor. We should have an answer back to you shortly.’ ***Joined 2/16/2015*** | D. Rager |
| X | TeamOne Energy, Inc. | Office | David Freeman – 12/12/2014 by phone information request related to transactions/trade Oral vs. Written (Bas Contract) *\*copyright follow-up by email no record of legal access to WGQ 6.3.1*, 1/27/2015 sent follow-up email | D. Rager |
| W | TEC Energy Inc. | Office | Etienne Lapointe – 5/13/2015 sent email with access options (including membership) interested in WEQ OASIS S&CP Business Practice Standards; 5/14/2015 requested waiver for WEQ-002 (Version 3.0) | D. Rager |
| **P** | TransCanada (Mexico) | Office | David Foken – 11/6/2015 requested information on membership and access to standards; sent packet; purchased WGQ, Version 3.0 standards 11/16/2015 | D. Rager |
|  | Turlock Irrigation District | Office | Jody Melo – 1/28/2016 requesting NAESB Home Page Access. Sent packet 1/28/2016 | D. Rager |
|  | V2COM | Office | Gabriel Rosenberg – 8/7/2015 contacted office by phone, received requested follow-up information on V2COM from Gabriel. E. Mallett followed up with questions on Retail OpenFMB; sent membership information 8/7/2015 | E.Mallett/D. Rager |
|  | Vitol Inc. | Office | Heather Noah – 5/5/2015 sent email with participation options; 5/7/2015 reply from Heather requesting additional information regarding membership and access to NAESB WEQ Business Practice Standards – sent 5/7/2015 | D. Rager |
|  | Wells Fargo | Office | Brian Lopez – 12/16/2015 requesting EDI implementation guides from NAESB. Sent information on purchase and membership 12/16/2015 | D. Rager |
| ✓ | **World Fuel Services, Inc. -** *WGQ, Services* | Office | Rachel Welch – phone conversations regarding access and membership, received application and fee 7/27/2015  ***Joined 7/27/2015*** | D. Rager |
| ✓ | **Xtensible Solutions** *-RMQ, Retail Electric Service Providers/Suppliers* | J. Booe | Joe Zhou – 2/3/2015 sent email with participation options (co-submitter on RMQ Request No. R14008) ***Joined 3/20/2015*** | J. Booe/D. Rager |

✓ = has joined NAESB

W = waiver request

P = purchased work products

S = 12 month single subcommittee/task force individual nonmember registration

**\*** = membership application received/payment pending

X **=** not joining at this time

Red text = activity since last meeting

| Attachment 1b  NAESB Membership Prospects – Non-member Purchase | | | | |
| --- | --- | --- | --- | --- |
| Company | Material Ordered | Version | Contact/Notes | Order Date |
| Agera Energy LLC | RXQ.6.5 Base Contract | 3.0 | Michael Nordlicht | 1/19/2016 |
| Ameren Illinois Company (Aclara Technology, LLC on behalf of) | REQ.21 ESPI | 3.0 | Robert Enyard, Jr. | 2/15/2016 |
| American Midstream (AlaTenn), LLC (American Midstream Partners, LP) | WGQ BPS | 3.0 | Rachelle Trauernicht | 10/8/2015 |
| American Midstream (Midla), LLC (American Midstream Partners, LP) | WGQ BPS | 3.0 | Rachelle Trauernicht | 10/8/2015 |
| ANR Storage Company (ANR Pipeline Company) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven Jaskolski | 11/5/2015 |
| APX Inc. | REQ.21 ESPI | 3.0 | Carl Schlemmer | 1/12/2016 |
| Arlington Storage Company, LLC (Crestwood Equity Partners LP) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Rob Perkins | 11/13/2015 |
| Aurora NG, LLC | WGQ 6.3.1 Base Contract | 2006 | David Vastine | 11/19/2015 |
| Austin Energy | REQ.21 ESPI | 3.0 | Elizabeth Jambor | 2/12/2016 |
| Baker Botts | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Edward O’Rourke | 1/13/2016 |
| Ballard Spahr LLP | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Kate Leesman | 11/5/2014 |
| Beijing China Power Information Technology Co., Ltd | REQ.21 ESPI | 003.0 | Yuxi Liu | 10/28/2015 |
| Big Rivers Electric Corporation (purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2006 | Kasia Haynes | 11/30/2015 |
| Bison Pipeline LLC (ANR Pipeline Company) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven Jaskolski | 11/5/2015 |
| Black Marlin Pipeline Company (Williams) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Dale Davis | 10/28/2015 |
| Blue Lake Gas Storage Company (ANR Pipeline Company) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven Jaskolski | 11/5/2015 |
| Boardwalk Louisiana Midstream, LLC (Purchased by Boardwalk Pipeline Partners on behalf of) | WGQ 6.3.1 Base Contract | 2006 | Kim Van Pelt | 10/6/2014 |
| BP Canada Energy Group ULC (Purchased by BP Energy on behalf of) | WGQ 6.3.1 Base Contract | 2006 | Suzette Colton | 7/22/2015 |
| BP Canada Energy Group ULC (Purchased by BP Energy on behalf of) | WGQ 6.3.4 Gas Funds Transfer Agent Agreement (FTAA) | 3.0 | Suzette Colton | 7/22/2015 |
| BP Canada Energy Group ULC (Purchased by BP Energy on behalf of) | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Suzette Colton | 7/22/2015 |
| BP Canada Energy Marketing Corp (Purchased by BP Energy on behalf of ) | WGQ 6.3.1 Base Contract | 2006 | Suzette Colton | 7/22/2015 |
| BP Canada Energy Marketing Corp (Purchased by BP Energy on behalf of ) | WGQ 6.3.4 Gas Funds Transfer Agent Agreement (FTAA) | 3.0 | Suzette Colton | 7/22/2015 |
| BP Canada Energy Marketing Corp (Purchased by BP Energy on behalf of ) | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Suzette Colton | 7/22/2015 |
| B-R Pipeline Company | WGQ BPS | 3.0 | Daryll Fuentes | 8/27/2015 |
| Bracewell | WGQ Nominations Related Standards | 3.0 | Natalie Lira | 1/21/2016 |
| Bracewell & Giuliani LLP | RXQ 6.5 Base Contract | 2007 | Mary Ann Wacker | 10/9/2014 |
| Bracewell & Giuliani LLP | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | Natalie M. Lira | 4/8/2015 |
| Brazos Electric Cooperative (Purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2002 | Courtney Stooksbury | 11/20/2015 |
| Brown, Williams, Moorhead & Quinn, Inc. | WGQ BPS | 3.0 | Barry Sullivan | 8/19/2015 |
| Bruce Power | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Gabriel Villegas | 11/5/2014 |
| Buckeye Power, Inc. (Purchased by Agent – ACES) | WGQ 6.3.1 Base Contract | 2006 | Courtney Stooksbury Parker | 7/28/2015 |
| Bunzl Distribution | WGQ 6.3.1 Base Contract | 3.0 | Denton Bruce | 5/13/2015 |
| Burnet Duckworth & Palmer LLP | WGQ 6.3.1 Base Contract | 2006 | Jacquelyn DeGreeve | 1/5/2015 |
| Burnet Duckworth & Palmer LLP | WGQ 6.3.3 EDI Trading Partner Agreement (TPA) | 3.0 | Jacquelyn DeGreeve | 1/5/2015 |
| Burnet Duckworth & Palmer LLP | WGQ 6.3.4 Gas Funds Transfer Agent Agreement (FTAA) | 3.0 | Jacquelyn DeGreeve | 1/5/2015 |
| Burnet Duckworth & Palmer LLP | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | Jacquelyn DeGreeve | 1/5/2015 |
| Burnet Duckworth & Palmer LLP | WGQ 6.5.2 Model Operational Balancing Agreement | 3.0 | Jacquelyn DeGreeve | 1/5/2015 |
| Burnet Duckworth & Palmer LLP | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Jacquelyn DeGreeve | 1/5/2015 |
| CAILIP Gas Marketing LLC | WGQ 6.3.1 Base Contract | 2006 | Gary Hanks | 9/15/2015 |
| CALGAS LLC | WGQ 6.3.1 Base Contract | 2006 | Allen Lazenby, Jr. | 4/8/2015 |
| CALGAS LLC | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | Allen Lazenby, Jr. | 4/8/2015 |
| Canadian Wood Products Montreal, Inc. | WEQ BPS | 003.0 | Pascal Massey | 6/10/2015 |
| Cardinal Gas Storage | WGQ BPS | 3.0 | Brandy LaCoste | 8/25/2015 |
| Centra Gas Manitoba Inc | WGQ 6.3.1 Base Contract | 2006 | Laurie MacDonald | 9/25/2015 |
| Central Iowa Power Cooperative (Purchased by Agent – ACES) | WGQ 6.3.1 Base Contract | 2006 | Lara Romero | 8/4/2015 |
| Central Kentucky Transmission Company (Columbia Gas Transmission, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven W. McCord | 11/19/2015 |
| Cheyenne Plains Gas Pipeline Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Chubu US Gas Trading LLC | WGQ 6.3.1 Base Contract | 2006 | Tetsuo Yoshida | 8/12/2015 |
| Cimarron River Pipeline, LLC (Dauphin Island Gathering Partners) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Travis Beach | 1/26/2016 |
| City of Pasadena | WGQ 6.3.1 Base Contract | 2006 | Anthony D’Aguila | 7/21/2015 |
| City of Pasadena | WGQ 6.3.1 Base Contract | 2002 | Anthony D’Aquila | 1/6/2016 |
| Cogan & Partners LLP | WGQ 6.3.1 Base Contract | 2006 | Nikki Kuras | 3/24/2015 |
| Cogent Technology Group, Inc. | REQ/RGQ Model Business Practices | 3.0 | Austin Pitt | 1/15/2016 |
| Colorado Interstate Gas Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Columbia Gulf Transmission, LLC (Columbia Gas Transmission, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven W. McCord | 11/19/2015 |
| Compass Natural Gas Partners | WGQ 6.3.1 Base Contract | 2006 | Judith A. Springman | 1/6/2015 |
| Concord Energy LLC | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | John Evenstad | 1/8/2015 |
| Conexus Energy, LLC | WGQ 6.3.1 Base Contract | 2006 | Michelle Schulte | 12/22/2015 |
| Congentrix Energy Power Management | WEQ Electronic Tagging Specification (MC11/19/2014) | 1.8.2 | Robert Dowd | 8/28/2015 |
| Corn Belt Energy Corporation | WGQ 6.3.1 Base Contract | 2006 | Michael Volker | 3/6/2015 |
| Cross & Company PLLC | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Lorraine Cross | 11/5/2014 |
| Crossroads Pipeline Company (Columbia Gas Transmission, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven W. McCord | 11/19/2015 |
| Curtis Mallet, Provost, Colt and Mosle, LLP | WGQ 6.3.1 Base Contract | 2006 | Dan Lenihan | 12/30/2014 |
| Discovery Gas Transmission LLC (Williams) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Dale Davis | 10/28/2015 |
| Dominion Cove Point LNG, LP | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Rachel A. Hogge | 1/15/2016 |
| Duke Energy Carolinas (Duke Energy Corp) | WEQ BPS | 003.1 | Alan Pritchard | 1/6/2016 |
| Duke Energy Florida (Duke Energy Corp) | WEQ BPS | 003.1 | Alan Pritchard | 1/6/2016 |
| Duke Energy Progress (Duke Energy Corp) | WEQ BPS | 003.1 | Alan Pritchard | 1/6/2016 |
| E.ON Global Commodities North American LLC | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | Marc Merrill | 4/21/2015 |
| East Kentucky Power Cooperative, Inc. (purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2006 | Katie Wagner | 11/30/2015 |
| El Paso Natural Gas Company, L.L.C.(Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Elba Express Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Emera Energy Inc. Emera Maine joined the WEQ, transmission segment on Feb 2, 2015 | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | William Szubielski | 11/5/2014 |
| Enbridge Gas Distribution, Inc. | REQ.21 ESPI | 003.0 | Justin Tiu | 11/4/2015 |
| Enel Distribuzione S.p.A. | REQ.21 ESPI | 3.0 | Spelta Fulvio | 2/15/2016 |
| Enercross | WGQ Nom Standards Manual (MCs 15005, 15009, 15012) | 3.0 | Jay Singh | 2/3/2016 |
| Enercross Energy | WGQ Nom Standards Manual | 2.1 | Jay Singh | 10/14/2014 |
| Enercross Energy | WGQ Addl Standards Manual | 2.1 | Jay Singh | 10/15/2014 |
| Energy Corporation of America | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Randy Farkosh | 11/19/2015 |
| Energy Profiles Limited | REQ.21 ESPI | 3.0 | Conan O’Connor | 2/13/2015 |
| Environmental Protection Agency (EPA) | REQ.21 ESPI | 3.0 | Bill Vonneida | 1/30/2015 |
| ETC Tiger Pipeline (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Exelon Corporation | REQ.21 ESPI | 3.0 | Bob Walters | 5/22/2015 |
| Fayetteville Express Pipeline, LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Florida Gas Transmission Company, LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Forexco, Inc. / Lick Branch Unit, LLC | WGQ BPS | 2.0 | John Forsberg | 10/14/2014 |
| FORTIS BC Energy Inc | WGQ 6.3.1 Bas Contract | 2006 | Stephanie Salbach | 12/17/2015 |
| GDF Suez Energy North America | REQ.21 ESPI | 3.0 | Mark Brown | 3/24/2015 |
| Golden Spread Electric Cooperative, Inc. (purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2006 | Katie Wagner | 11/30/2015 |
| Golden Triangle Storage, Inc. (Purchased by AGL Resources, Inc. on behalf of) | WGQ BPS | 3.0 | Kimberly Watson | 6/22/2015 |
| Green Button Alliance | REQ.21 ESPI | 3.0 | Barry Haaser | 9/23/2015 |
| Guardian Pipeline (ONEOK Partners GP, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Sara Rogers | 11/4/2015 |
| Gulf States Transmission LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Hardy Storage Company, LLC (Columbia Gas Transmission, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven W. McCord | 11/19/2015 |
| Haynes and Boone, LLP | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Austin Elam | 8/17/2015 |
| High Island Offshore System, L.L.C. | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Ronald A. Fulcher | 1/27/2016 |
| High Point Gas Transmission, LLC (American Midstream Partners, LP) | WGQ BPS | 3.0 | Rachelle Trauernicht | 10/8/2015 |
| Honeoye Storage Corporation (Cullen and Dykman, LLP) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Sheila Burge | 1/6/2016 |
| Hoosier Energy Rural Electric Cooperative, Inc. (Purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2002 | Lara Romero | 11/20/2015 |
| Horizon Pipeline Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| IGI Resources, Inc. (Purchased by BP Energy on behalf of) | WGQ 6.3.1 Base Contract | 2006 | Suzette Colton | 7/22/2015 |
| IGI Resources, Inc. (Purchased by BP Energy on behalf of) | WGQ 6.3.4 Gas Funds Transfer Agent Agreement (FTAA) | 3.0 | Suzette Colton | 7/22/2015 |
| IGI Resources, Inc. (Purchased by BP Energy on behalf of) | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Suzette Colton | 7/22/2015 |
| Industrial Info Resources | WGQ Addl Standards Manual w/MCs applied through 7/29/15 | 3.0 | William Marshall | 2/22/2016 |
| INEOS | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | Clayton Marcelle | 3/20/2015 |
| INTL FCStone Financial Inc. | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Michele Owens | 12/9/2015 |
| JEA | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Jennifer Horn | 11/5/2014 |
| Jetta Operating Company | WGQ 6.3.1 Base Contract | 3 | Patrick Wells | 11/19/2015 |
| JM Investments, LLC | WGQ 6.3.1 Base Contract | 2006 | Michael Butler | 12/10/2015 |
| John & Hengerer | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Elizabeth Zembruski | 1/6/2016 |
| Jones Day | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Kenneth B. Driver | 1/6/2016 |
| Kentucky Utilities Company (LG&E and KU Services Company) | WGQ 6.5.3 Model Credit Support Addendum (CSA) WGQ 6.3.1 Base Contract | 3.0 2006 | John Early | 12/18/2015 |
| Kinder Morgan Illinois Pipeline LLC (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Kinder Morgan Keystone Gas Storage LLC (Purchased by Kinder Morgan Inc on behalf of) | WGQ BPS | 3.0 | Gene Nowak | 8/14/2015 |
| Kinder Morgan Louisiana Pipeline LLC (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| King & Spalding | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Sara Uehlein | 10/23/2015 |
| KO Transmission Company | WGQ BPS (MCs15003-15005, 15009, 15012) | 3.0 | Jeff Kern | 8/6/2015 |
| KPC Pipeline LLC | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | John Hayes | 1/13/2016 |
| La Capra Associates, Inc. | RXQ.6.5 Base Contract | 2007 | Melissa Whitten | 6/15/2015 |
| La Capra Associates, Inc. | WGQ 6.3.1 Base Contract | 2006 | Melissa Whitten | 6/15/2015 |
| Lake Charles LNG Company, LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Landis + Gyr | REQ.13 | 2.1 | Kyle MacLaury | 10/15/2014 |
| Landis + Gyr | WEQ-015 | 003.0 | Kyle MacLaury | 10/15/2014 |
| Latham & Watkins | WGQ 6.3.1 Base Contract | 2006 | Doris Yen | 11/5/2014 |
| Latham & Watkins | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 2.1 | Doris Yen | 11/5/2014 |
| Louisville Gas and Electric Company (LG&E and KU Services Company) | WGQ 6.5.3 Model Credit Support Addendum (CSA) WGQ 6.3.1 Base Contract | 3.0 2006 | John Early | 12/18/2015 |
| Mansfield Power and Gas | RXQ 6.5 Base Contract | 2007 | F. de Aguero (Matt Girardot) | 10/24/2014 |
| Markwest New Mexico, L.L.C. | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Brian Melrood | 1/20/2016 |
| Markwest Pioneer, L.L.C. | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Brian Melrood | 1/20/2016 |
| Michigan Gas Utilities (WEC Energy Group) | WGQ 6.3.1 Base Contract | 2006 | Ann Browne | 1/19/2016 |
| Midcontinent Express Pipeline LLC (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Mid-Kansas Electric Company (Purchased by Agent – ACES) | WGQ 6.3.1 Base Contract | 2006 | Lara Romero | 7/10/2015 |
| Midwestern Gas Transmission Company (ONEOK Partners GP, LLC\*) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Sara Rogers | 11/4/2015 |
| Milacron, LLC | WGQ 6.3.1 Base Contract | 2006 | Michaella Schaller | 11/3/2014 |
| Minnesota Energy Resources (WEC Energy Group) | WGQ 6.3.1 Base Contract | 2006 | Ann Browne | 1/19/2016 |
| Mojave Pipeline Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Morrison & Foerster | WGQ 6.3.1 Base Contract | 2006 | Lisa Seiden | 04/29/2015 |
| Mountain Valley Pipeline LLC | WGQ BPS | 3.0 | Sarah Shaffer | 9/25/2015 |
| Munson, Sylvia (Consultant) | WGQ Addl Standards Manual | 3.0 | Sylvia Munson | 6/19/2015 |
| Munson, Sylvia (Consultant) | WGQ Cap Rel Standards Manual | 3.0 | Sylvia Munson | 6/19/2015 |
| Munson, Sylvia (Consultant) | WGQ Flowing Gas Standards Manual | 3.0 | Sylvia Munson | 6/19/2015 |
| Munson, Sylvia (Consultant) | WGQ Inv Standards Manual | 3.0 | Sylvia Munson | 6/19/2015 |
| Munson, Sylvia (Consultant) | WGQ Nom Standards Manual | 3.0 | Sylvia Munson | 6/19/2015 |
| Munson, Sylvia (Consultant) | WGQ QEDM Standards Manual | 3.0 | Sylvia Munson | 6/19/2015 |
| Natural Gas Pipeline Company of America LLC (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| NGO Transmission Inc. | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Don Wheeler | 1/25/2016 |
| North Baja Pipeline, LLC (ANR Pipeline Company) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven Jaskolski | 11/5/2015 |
| North Shore Gas Company (WEC Energy Group) | WGQ 6.3.1 Base Contract | 2006 | Ann Browne | 1/19/2016 |
| Northwest Pipeline LLC (Williams) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Dale Davis | 10/28/2015 |
| OFFIS - Institute für Informatik | REQ.21 ESPI | 3.0 | Thomas Gebben | 9/22/2015 |
| OkTex Pipeline Company (ONEOK Partners GP, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Sara Rogers | 11/4/2015 |
| Open Text | WGQ IET Manual | 3.0 | Lynn, Acosta | 1/5/2015 |
| Ozark Gas LLC | WGQ 6.3.1 Base Contract | 2006 | Andrew Stouffer | 3/6/2015 |
| Pacific Summit Energy LLC | RXQ.6.5 Base Contract | 2007 | Jikja Chung | 7/30/2015 |
| Pacific Summit Energy LLC | WEQ 010-1 Electric Funds Transfer Agent Agreement (FTAA) |  | Jikja Chung | 7/30/2015 |
| Pacific Summit Energy LLC | WGQ 6.3.1 Base Contract | 2006 | Jikja Chung | 7/30/2015 |
| Pacific Summit Energy LLC | WGQ 6.3.4 Gas Funds Transfer Agent Agreement (FTAA) | 3.0 | Jikja Chung | 7/30/2015 |
| Pacific Summit Energy LLC | WGQ 6.5.3 Model Credit Support Addendum (CSA) | 3.0 | Jikja Chung | 7/30/2015 |
| Panhandle Eastern Pipe Line Company, LP (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Panther Interstate Pipeline Energy LLC | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Luis Guzman | 1/14/2016 |
| PGP Operating, LLC | WGQ 6.3.1 Base Contract | 2006 | Tina Smith | 10/17/2014 |
| Physical Systems Integration | WGQ BPS | 2.1 | Jacqueline Martin | 10/21/2014 |
| Physical Systems Integration | WEQ Electronic Tagging Specification (MC11/19/2014) | 1.8.2 | Montine Johnson | 10/7/2015 |
| Physical Systems Integration | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gary Leask | 1/21/2016 |
| Pine Needle LNG Company, LLC (Williams) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Dale Davis | 10/28/2015 |
| Power Settlements Consulting & Software, LLC | WEQ Electronic Tagging Specification (MC11/19/2014) | 1.8.2 | David Dan | 8/28/2015 |
| Pregis LLC | WGQ 6.3.1 Base Contract | 2006 | Sandra Hake | 10/6/2015 |
| Protégé Energy III LLC | WGQ 6.3.1 Base Contract | 2006 | Beverly Swaringim | 2/3/2016 |
| Rio Midstream | WGQ BPS | 2.1 | Norbon C. (Clay) Jones | 10/6/2014 |
| Roseville Electric (City of Roseville) | WGQ 6.3.1 Base Contract | 2006 | Petra Wallace | 11/18/2014 |
| Ruby Pipeline, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| San Jacinto College | WGQ 6.3.1 Base Contract | 2006 | David Laws | 4/8/2015 |
| Saskatchewan Power Corporation | WGQ 6.3.1 Base Contract | 2006 | Michael Crosbie | 10/13/2015 |
| Sea Robin Pipeline Company, LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Seven Generations Energy Ltd. | WGQ 6.3.1 Base Contract | 2006 | Rhea Skogen | 10/1/2015 |
| Sierrita Gas Pipeline (Purchased by Kinder Morgan Inc on behalf of) | WGQ BPS | 2.1 | Gene Nowak | 10/16/2014 |
| Sierrita Gas Pipeline LLC (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Societe En Commandite Gaz Metro | Retail MBP | 2.1 | Suzanne Paradis | 11/21/2014 |
| Southern Illinois Power Cooperative (purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2002 | Lara Romero | 11/30/2015 |
| Southern LNG Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Southern Natural Gas Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Southwest Gas Storage Company (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Spotlight Energy, LLC | WGQ 6.3.1 Base Contract | 2006 | Mathew Steinberg | 9/28/2015 |
| Stagecoach Pipeline and Storage Company LLC (Crestwood Equity Partners LP\*) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Rob Perkins | 11/13/2015 |
| Stinson Leonard Street LLP | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Marcia Sanford | 1/27/2016 |
| Stronghold Engineering, Inc. | REQ.21 ESPI | 3.0 | Kristi Rabe | 1/14/2016 |
| Sunflower Electric Power Corporation (Purchased by Agent – ACES) | WGQ 6.3.1 Base Contract | 2002 | Lara Romero | 12/28/2015 |
| Sutherland, Asbill & Brennan | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 3.0 | Chad Mills | 2/13/2015 |
| Tallgrass Interstate Gas Transmission | WGQ BPS | 3.0 | Karl Almquist | 12/9/2014 |
| TC Offshore LLC (ANR Pipeline Company) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven Jaskolski | 11/5/2015 |
| TECO EnergySources, Inc. | WGQ 6.3.1 Base Contract | 2002 | Contracts Administrator | 2/26/2015 |
| TECO EnergySources, Inc. | WGQ 6.3.1 Base Contract | 2006 | Contracts Administrator | 2/26/2015 |
| Teigland-Hunt LLP | WGQ 6.3.1 Base Contract | 2006 | Kevin Lee | 10/6/2014 |
| Tennessee Gas Pipeline Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| The Energy Authority | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Jim Fort | 11/5/2014 |
| The Energy Authority | WEQ BPS | 003.1 | Timothy M. Flanagan | 1/15/2016 |
| The Ohio State University | WGQ 6.3.1 Base Contract | 2006.0 | Terry E. Tyler | 10/27/2015 |
| The Peoples Gas Light and Coke Company (WEC Energy Group) | WGQ 6.3.1 Base Contract | 2006 | Ann Browne | 1/19/2016 |
| Tieto US Inc | WGQ BPS | 3.0 | Anil H Mody | 9/30/2015 |
| Total Gas & Power North America | WGQ Nom Standards Manual (MCs 15005, 15009, 15012) | 3.0 | Alexander Davydov | 8/7/2015 |
| Trans Louisiana Gas Pipeline, Inc. | WGQ 6.3.1 Base Contract | 3 | Jeffrey Perryman | 10/23/2015 |
| TransCanada - MEXICO | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | David Foken | 11/16/2015 |
| TransColorado Gas Transmission Company LLC (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Transcontinental Gas Pipe Line Company, LLC (Williams) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Dale Davis | 10/28/2015 |
| Transwestern Pipeline Company, LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Tres Palacios Gas Storage LLC (Crestwood Equity Partners LP) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Rob Perkins | 11/13/2015 |
| Troutman Sanders LLP | WGQ BPS | 3.0 | Kimberly Kaseem | 9/14/2015 |
| Trunkline Gas Company, LLC (Energy Transfer Equity, L.P.) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Debbie Bradbury | 1/11/2016 |
| Tuscarora Gas Transmission Company (ANR Pipeline Company) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Steven Jaskolski | 11/5/2015 |
| Twin Eagle Resource Management, LLC | WGQ 6.3.5 Master Agmnt for Liquid Hydrocarbons | 2.1 | Christy Brinkman | 12/4/2014 |
| U.S. Energy Services | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Gail McMinn | 11/5/2014 |
| UL LLC | REQ.21 ESPI | 3.0 | Todd Bonfanti | 6/26/2015 |
| Union Gas Limited | REQ.21 ESPI | 3 | Paula Ceccacci | 10/14/2015 |
| Union Gas Limited | REQ.22 Third Party Access to Smart Meter-based Information | 3 | Paula Ceccacci | 10/14/2015 |
| Union Gas Ltd | REQ.21 ESPI | 3.0 | Anna Meyer | 8/7/2015 |
| University of Delaware | WGQ 6.3.1 Base Contract | 2006 | Zach Platsis | 6/11/2015 |
| USG Pipeline Company, LLC | WGQ BPS | 3.0 | Daryll Fuentes | 8/27/2015 |
| Valspar Corporation | WGQ 6.3.1 Base Contract | 2006 | Duc Le | 9/9/2015 |
| Viking Gas Transmission Company (ONEOK Partners GP, LLC) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Sara Rogers | 11/4/2015 |
| Vinson & Elkins | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 1&2 / MC14018 | 3.0 | Laura Speer | 6/18/2015 |
| Vinson & Elkins | WGQ 2014 AP Item 11.c (GEH) Final Action Parts 2&2 / MC14018 | 3.0 | Laura Speer | 6/18/2015 |
| Vinson & Elkins | WGQ BPS | 3.0 | Laura Speer | 6/18/2015 |
| Vitol, Inc. | WGQ BPS, Booklet 2 of 2 | 2.0 | Scott Watkins | 2/27/2015 |
| Vorys, Sater, Seymour and Pease LLP | WGQ 6.3.1 Base Contract | 2002 & 2006 | Susan Hanrahan | 10/9/2014 |
| Western Farmers Electric Cooperative (Purchased by Agent - ACES) | WGQ 6.3.1 Base Contract | 2002 | Katie Wagner | 11/30/2015 |
| Western Farmers Electric Cooperative (Purchased by Agent – ACES) | WGQ 6.3.1 Base Contract | 2006 | Kasia Haynes | 7/6/2015 |
| Wisconsin Gas LLC (WEC Energy Group) | WGQ 6.3.1 Base Contract | 2006 | Ann Browne | 1/19/2016 |
| Wyoming Interstate Company, L.L.C. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |
| Young Gas Storage Company, LTD. (Kinder Morgan Inc) | WGQ BPS w/MCs applied through 7/29/15 | 3.0 | Gene Nowak | 11/20/2015 |

| Attachment 1c  NAESB Membership Prospects – Trade Associations | | | |
| --- | --- | --- | --- |
| Membership Prospects | Participation | Contact/Notes | Assignment/Action |
| America’s Natural Gas Alliance (ANGA) |  |  |  |
| American Gas Association (AGA) - ***Member*** |  |  |  |
| American Public Gas Association (APGA) - ***Member*** |  |  |  |
| American Wind Energy Association (AWEA) |  |  |  |
| Eastern Interconnection States Planning Council (ICF International (ICFI)) |  |  |  |
| Edison Electric Institute (EEI) - ***Member*** |  |  |  |
| Electric Power Supply Association (EPSA) |  |  |  |
| Electricity Consumers Resource Council (ELCON) |  |  |  |
| Independent Petroleum Association of America (IPAA) |  |  |  |
| Interstate Natural Gas Association of America (NGAA) |  |  |  |
| ISO/RTO Council (IRC) |  |  |  |
| National Association of Regulatory Utility Commissioners (NARUC) - ***Member*** |  |  |  |
| National Energy Marketers Association (NEM) |  |  |  |
| National Regulatory Research Institute (NRRI) |  |  |  |
| National Rural Electric Cooperative Association (NRECA) - ***Member*** |  |  |  |
| Natural Gas Supply Association (NGSA) |  |  |  |
| The Interstate Natural Gas Association of America (INGAA) |  |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attachment 2  North American Energy Standards Board  2016 Membership Changes  2 New Members as of February 29, 2016 | | | | |
| Company | Quadrant | Segment | Date Joining | Reason |
| JEA | WEQ | Trans | Jan 2016 | Participation |
| Kern River Gas Transmission Company | WGQ | PL | Feb 2016 | Participation |
| Direct Energy Business, LLC | WGQ | Serv | Feb 2016 | Participation |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Attachment 2  North American Energy Standards Board  2015 Membership Changes  17 New Members as of December 31, 2015 | | | | |
| Company | Quadrant | Segment | Date Joining | Reason |
| Minnesota Public Utilities Commission | RMQ | Elec EU/PA | May 2015 | Participation |
| Ernst & Young LLP | RMQ | Elec SP/S | July 2015 | Participation |
| Green Button Alliance | RMQ | Elec SP/S | Dec 2015 | Participation |
| OATI | RMQ | Elec SP/S | Nov 2015 | Participation |
| Xtensible Solutions LLC | RMQ | Elec SP/S | Mar 2015 | Participation |
| Department of General Services | RMQ | Gas Mkt | Feb 2015 | Participation and Access to Standards |
| Minnesota Public Utilities Commission | WEQ | EU | May 2015 | Participation |
| Links Technology Solutions, Inc. | WEQ | Tech/Serv | Aug 2015 | Participation |
| Emera Maine | WEQ | Trans | Feb 2015 | Participation |
| Indianapolis Power and Light Company | WEQ | Trans | Mar 2015 | Participation |
| Northwest Industrial Gas Users | WGQ | EU | Jan 2015 | Participation |
| Crestwood Equity Partners LP | WGQ | PL | Nov 2015 | Participation |
| Gasoductos de Chihuahua S. de R.L. de C.V. | WGQ | PL | July 2015 | Access to Standards |
| Millennium Pipeline Company, LLC | WGQ | PL | July 2015 | Access to Standards |
| Tallgrass Operations, LLC | WGQ | PL | Oct 2015 | Participation |
| OATI | WGQ | Serv | Nov 2015 | Participation |
| World Fuel Services, Inc. | WGQ | Serv | July 2015 | Participation |

| Attachment 3  North American Energy Standards Board  2016 Membership Changes  9 Member Resignations as of February 29, 2016 | | | | |
| --- | --- | --- | --- | --- |
| Company | Quadrant | Segment | Date Resigning | Reason |
| Wisconsin Public Service Corporation | WEQ | Gen | Jan 2016 | Non-renewal WEC Energy Group has decided not to renew Wisconsin Public Service Corporation’s (WPSC’s) Wholesale Electric Quadrant (WEQ), Generation segment membership. We Energies will continue their membership in the WEQ generation segment. |
| Gas Transmission Northwest Corporation | WGQ | PL | Jan 2016 | Non-renewal; U.S. Pipelines have consolidated under ANR Pipeline Company (membership) and will purchase standards for affiliates going forward. |
| Gasoductos del Noreste S. de R.L. de C.V. | WGQ | PL | Feb 2016 | Non-renewal |
| Great Lakes Gas Transmission | WGQ | PL | Jan 2016 | Non-renewal; U.S. Pipelines have consolidated under ANR Pipeline Company (membership) and will purchase standards for affiliates going forward. |
| Kern River Gas Transmission Company | WGQ | PL | Jan 2016 | Non-renewal; due to budget. Working with management group to reinstate budget for NAESB membership and possibly rejoin. |
| Northern Border Pipeline Company | WGQ | PL | Jan 2016 | Non-renewal; U.S. Pipelines have consolidated under ANR Pipeline Company (membership) and will purchase standards for affiliates going forward. |
| NOVA Gas Transmission Ltd. | WGQ | PL | Jan 2016 | Non-renewal; Canadian Pipelines have consolidated under TransCanada Pipelines Limited (membership) and will purchase standards for affiliates going forward. |
| Portland Natural Gas Transmission System | WGQ | PL | Jan 2016 | Non-renewal; Canadian Pipelines have consolidated under TransCanada Pipelines Limited (membership) and will purchase standards for affiliates going forward. |
| Mewbourne Oil Company | WGQ | PR | Feb 2016 | Non-renewal, not using the membership enough to justify the expense at this time. |

| Attachment 3  North American Energy Standards Board  2015 Membership Changes  19 Member Resignations as of December 31, 2015 | | | | |
| --- | --- | --- | --- | --- |
| Company | Quadrant | Segment | Date Resigning | Reason |
| Institute for Information Industry | RMQ | Elec SP/S | Sep 2015 | Non-renewal due to budgetary issues. They are planning to renew early next year (2016). |
| Allegro Development | RMQ | Gas Mkt | Feb 2015 | Non-renewal; At this time, we will be cancelling our membership. If in the future, we want to join again, I hope the door will be open for us. |
| Clark Public Utilities | WEQ | Dist | Dec 2015 | At this time I want to provide you with notice that we are not renewing for the 2016 year. We are no longer participating in the process and due to budget constraints. |
| Eugene Water & Electric Board | WEQ | Dist | Sept 2015 | Non-renewal due to budgetary issues. Cutting back on memberships. |
| Shift Systems, LLC | WEQ | EU | May 2015 | Non-renewal |
| Walker Ranch Energy, LLC | WEQ | Gen | Nov 2015 | We will not be renewing this year… sorry, we thought we had to have it for interconnection with BPA but it turns out we don’t |
| Alberta Electric System Operator (ISO Operating as) | WEQ | IGO | June 2015 | Non-renewal |
| Direct Energy | WEQ | Mkt/Bkr | June 2015 | Direct Energy will not be renewing its NAESB membership at this time. This decision is based on the current planned NAESB activities for this year. Should activities arise within NAESB’s Annual Plan that could warrant a renewal of DE’s membership we will reconsider joining NAESB at that time. |
| Shell Energy North America (US), L.P. | WEQ | Mkt/Bkr | Oct 2015 | (Effective 10/31/2015) Non-renewal, keeping the WGQ Services segment membership. |
| Dominion Voltage, Inc. | WEQ | Tech/Serv | Oct 2015 | Non-renewal as it's company's goal that was the driver for being a member has changed. Should NAESB decide to pursue a role for its M&V standards and certifications within EPA’s M&V qualifications and standards, DVI might reconsider membership. |
| Consolidated Edison Company of New York, Inc. | WEQ | Trans | Jan 2015 | Non-renewal only keeping one membership (WGQ, Dist) |
| Boeing Company, The | WGQ | EU | Jan 2015 | Non-renewal; Northwest Industrial Gas Users (joined) representing Boeing and all of the other industrials in the Great Northwest. |
| Southern California Edison | WGQ | EU | Aug 2015 | Non-renewal; Management decided that the $7,000 membership fee does not justify SCE's NAESB related activities and services. They realized there is the option to buy individual packages should there be a business need. |
| New Mexico Gas Company Inc | WGQ | LDC | June 2015 | Non-renewal; due to transiting as they are now held by TECO and will not be renewing at this time. |
| Chevron Pipe Line Company | WGQ | PL | Mar 2015 | Non-renewal; CPL no longer needs to be a member of NAESB as a result of our recent divestitures. |
| BG Energy Merchants, LLC | WGQ | Serv | Oct 2015 | Non-renewal due to current circumstances, it is in the best interests of BG not to renew its membership at this time. |
| Direct Energy | WGQ | Serv | June 2015 | Direct Energy will not be renewing its NAESB membership at this time. This decision is based on the current planned NAESB activities for this year. Should activities arise within NAESB’s Annual Plan that could warrant a renewal of DE’s membership we will reconsider joining NAESB at that time. |
| JP Morgan Ventures Energy Corporation | WGQ | Serv | Dec 2015 | Non-renewal, JPMorgan has largely exited both the physical gas and power business. Under such circumstances, we do not plan to renew our membership in the gas or electric quadrants. |
| Nexen Marketing | WGQ | Serv | Dec 2015 | Non-renewal: Further to recent organizational changes at Nexen we need to cancel our membership in the WGQ segment for this year. |

| Attachment 4  North American Energy Standards Board  Board and Executive Committee Vacancies as of February 29, 2016 | | | |
| --- | --- | --- | --- |
| % Vacant | Quadrant | Seat (# of Vacancies) | Segment (# of Vacancies) |
| 25% | Retail Markets | Board (6) – 18 seats filled of 24 | Retail Electric Utilities (2) |
|  |  |  | Retail Gas Market Interests (2) |
|  |  |  | Retail Electric End Users/Public Agencies (1) |
|  |  |  | Retail Electric Service Providers/Suppliers (1) |
| 38% |  | Executive Committee (9) – 15 seats filled of 24 | Retail Electric Utilities (2) |
|  |  | Retail Gas Market Interests (4)  Retail Electric End Users/Public Agencies (1) |
|  |  |  | Retail Electric Service Providers/Suppliers (2) |
| 29% | Wholesale Electric | Board (14) – 35 seats filled of 49 | Distribution/Load Serving Entities (LSE) (3) |
|  |  | Transmission (2) |
|  |  |  | Marketers/Brokers (1) |
|  |  |  | End User (5) |
|  |  |  | Technology/Services (3) |
| 29% |  | Executive Committee (14) – 35 seats filled of 49 | Transmission (1) |
|  |  | End User (3) |
|  |  | Generation (2) |
|  |  |  | Marketers/Brokers(1) |
|  |  |  | Distribution/LSE (3) |
|  |  |  | Technology/Services (4) |
| 4% | Wholesale Gas | Board (1) – 24 seats filled of 25 | End Users (1) |
| 0% |  | Executive Committee (0) - 25 seats filled of 25 |  |

| Attachment 5  North American Energy Standards Board  Membership Sorted by Company – February 29, 2016 | | | |
| --- | --- | --- | --- |
| Quadrant | Segment | Member Company | Contact |
| WEQ | ts | 8760, Inc. | Jim Buccigross |
| WGQ | s | 8760, Inc. | Jim Buccigross |
| RMQ | s | ABB Ventyx | Eric Hansen |
| WGQ | s | Accenture, LLP | Sandra L. Jones, Shelley Hurley, J. Bartley |
| WGQ | l | AGL Resources Inc. | Tim Sherwood |
| WEQ | d | Alabama Municipal Electric Authority | Ray Phillips |
| RMQ | u | Alabama Power | Judy W. Ray |
| WEQ | m | Alcoa Power Generating Inc | Marion Lucas |
| WEQ | m | Alliance for Cooperative Energy Services Power Marketing LLC (ACES) | Roy J. True, Amadou Fall |
| WGQ | pl | Alliance Pipeline, LP | Brian Troicuk, Wendy Rhyno |
| RMQ | u | Ameren Services Company | Patrick Eynon |
| WEQ | g | American Electric Power Service Corp. | Joanne Goza, Joseph Hartsoe, Phil Cox |
| WGQ | l | American Gas Association | Susan Bergles, Pete Connor |
| WGQ | s | American Midstream Partners, LP | Chelsea Whitworth |
| WEQ | m | American Municipal Power, Inc. | Chris Norton |
| RMQ | g | American Public Gas Association (APGA) | Alonzo Weaver, Joe Stengel |
| WEQ | d | American Public Power Association | Allen Mosher, Delia Patterson |
| WGQ | pr | Anadarko Energy Services Company | Y. J. Bourgeois, Ron Clements,Scott Marshall, Chris Briggs |
| WGQ | pl | ANR Pipeline Company | Steve Jaskolski, Sandy Meyers, Debbie Forth, Carol Wehlmann, Radha Raman |
| RMQ | e | Arizona Corporation Commission | Robert G. Gray |
| WEQ | t | Arizona Public Service Company | Twyana Blair |
| WGQ | e | Arizona Public Service Company | Tom Carlson |
| WEQ | g | Arkansas Electric Cooperative Corporation | Andrew Lachowsky |
| WEQ | t | Associated Electric Cooperative, Inc. | Jeff Johns |
| WGQ | pl | Atmos Energy | Steve Easley |
| RMQ | s | Aurea Energy Solutions | Judy Bailey |
| WEQ | t | Avista Corporation | Jeff Schlect, Kenneth Dillon |
| RMQ | u | Baltimore Gas & Electric Co. | Phil Precht |
| WGQ | l | Baltimore Gas & Electric Co. | Phil Precht |
| WEQ | g | Basin Electric Power Cooperative | Jason Doerr |
| WEQ | m | Basin Electric Power Cooperative | Ken Rutter |
| WEQ | t | Basin Electric Power Cooperative | Dave Rudolph |
| WEQ | t | BC Hydro | Brenda Ambrosi |
| WGQ | s | Bentek Energy, LLC | Rick Allen |
| RMQ | s | Big Data Energy Services | J. Cade Burks, Jennifer Teel |
| WEQ | g | Black Hills Corporation | Kenna Hagan |
| WGQ | s | Blackstone Technology Group, Inc. | Rakesh Agrawal |
| WGQ | pl | Boardwalk Pipeline Partners, LP | Randy Young, Kim Van Pelt |
| WEQ | d | Bonneville Power Administration | Eric H. Carter, Michael Steigerwald, Rebecca Berdahl |
| WEQ | g | Bonneville Power Administration | Francis Halpin, Ann Shintani |
| WEQ | m | Bonneville Power Administration | Alexander J. Spain, Ann Shintani, Marie Pompel |
| WEQ | t | Bonneville Power Administration | Michael D. Bausch |
| WGQ | pr | BP Energy | Mark Stultz, Rhonda Denton |
| WGQ | pl | BP Pipelines (North America) Inc. | Mitchell D. Jones |
| WEQ | g | California Department of Water Resources | Glenn Solberg, William Forsythe |
| RMQ | e | California Energy Commission | Melissa Jones |
| WEQ | e | California Energy Commission | Melissa Jones |
| WGQ | e | California Energy Commission | Melissa Jones |
| WEQ | i | California ISO | Brian Jacobsen |
| RMQ | e | California Public Utilities Commission | Marzia Zafar |
| WEQ | e | California Public Utilities Commission | Marzia Zafar |
| WGQ | e | Calpine Energy Services, LP | Shonnie Daniel, Jay Dibble |
| WGQ | s | Cargill Incorporated | Lester Welch |
| WGQ | s | Castleton Commodities Merchant Trading L.P. | Tara Liscombe |
| RMQ | u | CenterPoint Energy Houston Electric, LLC | John Hudson |
| WGQ | s | CenterPoint Energy Services, Inc. | Mickey Moon, Larry Kunkle |
| WEQ | d | Central Electric Power Cooperative | Kale Ford |
| WGQ | pl | Cheniere Pipeline Company | Whit Scott |
| WGQ | pr | Chevron Natural Gas | Charles (Chuck) Cook |
| WGQ | pr | Cimarex Energy Co | Vanessa Hutto |
| WGQ | s | Citigroup Energy, Inc. | Carrie Southard, Angela Davis |
| RMQ | e | City of Houston | James P. Cargas |
| WGQ | l | Colorado Springs Utilities | Joe M. Holmes |
| WGQ | pl | Columbia Gas Transmission, LLC | Steven W. McCord, Millie S. Moran, Georgia B. Carter |
| RMQ | s | Comverge, Inc. | Wendell Miyaji |
| WEQ | e | Conservation Law Foundation | Greg Cunningham |
| WGQ | pr | ConocoPhillips Company | Ben Schoene |
| WGQ | l | Consolidated Edison Company of NY | Scott Butler, Chris Hargett |
| WGQ | pl | Crestwood Equity Partners LP | Rob Perkins, Mark Mitchell, James Johnston, Christine Dixon |
| WGQ | pl | Dauphin Island Gathering Partners | Chris Cooper |
| WGQ | e | Defense Logistics Agency Energy | Veronica Jones, Scott Taetsch |
| WGQ | e | Department of Energy | Christopher Freitas |
| RMQ | g | Department of General Services | Teri Rohrer |
| WEQ | g | Deseret Generation & Transmission Co-operative | Clay MacArthur |
| WGQ | pr | Devon Energy Corporation | Bill Green, Josephina Nguyen |
| WGQ | s | Direct Energy Business, LLC | Stephen F. Salese |
| WGQ | pl | Dominion Carolina Gas Transmission, LLC | Rae Davis, Vince Shirk |
| WGQ | l | Dominion Resources | Craig Colombo |
| WEQ | g | Dominion Resources Services, Inc. | Lou Oberski |
| WGQ | pl | Dominion Transmission, Inc. | Rachel A. Hogge, Ron Tomlinson |
| RMQ | u | Dominion Virginia Power | Brandon Stites |
| WGQ | s | DTE Energy Trading, Inc. | Gregory V. Staton, James Buck, Dena Crawford, Marcia L. Hissong, Ann Marie Jambor, Cynthia Klots, Shelley Greene |
| RMQ | g | Duke Energy Corp. | Dan Jones |
| WEQ | d | Duke Energy Corporation | Alan Pritchard |
| WEQ | t | Duke Energy Corporation | Jack Armstrong, Michael Anthony, Lee Schuster |
| WEQ | g | Dynegy Marketing and Trade, LLC | Contracts - Legal Department |
| WGQ | pl | Eastern Shore Natural Gas Company | Jeffrey R. Tietbohl |
| WGQ | pr | Eclipse Resources Corporation | Daniel T. Sweeney |
| WEQ | n | Edison Electric Institute | David Owens, Dave Dworzak, James P. Fama |
| WEQ | t | El Paso Electric | Michael Sahs |
| RMQ | e | Electric Reliability Council of Texas, Inc. (ERCOT) | Susan Anthony |
| WEQ | i | Electric Reliability Council of Texas, Inc. (ERCOT) | Carrie Bivens, Paul Wattles, Joel Mickey |
| WEQ | t | Emera Maine | Alan Richardson |
| WEQ | t | Empire District Electric Company, The | Bary K. Warren |
| WGQ | s | Enable Energy Resources, LLC | Cary Metz |
| WGQ | pl | Enable Gas Transmission, LLC | Cindy Suarez, Valerie Price |
| WGQ | pl | Enable Mississippi River Transmission, LLC | Cindy Suarez, Valerie Price |
| WGQ | pl | Enbridge (U.S.) Inc. | Susan Schwager |
| WGQ | s | Encana Marketing (USA) Inc. | Jeff Jarvis |
| WEQ | t | Entergy Services, Inc. | Yarrow Etheredge, Narinder Saini |
| WGQ | e | Entergy Services, Inc. | Laura Berryman, Terry Shields |
| WGQ | pl | Energy Transfer Equity, L.P. | Michael Langston, Larry Biediger, Mary Draemer, William White, Miki Kolobara |
| WGQ | pl | Enterprise Products Partners, LP | Jeff Molinaro |
| WGQ | e | Environmental Defense Fund, Inc. | N. Jonathan Peress |
| WGQ | s | Environmental Resources Management (ERM) | Keith Sappenfield |
| WGQ | pr | EP Energy E&P Company, L.P. | Stephanie Karm |
| WGQ | pl | Equitrans, L.P. | Paul W. Diehl |
| RMQ | s | Ernst & Young LLP | M. Joe Zhou |
| WEQ | t | Eversource Energy | David Boguslawski, David Burnham |
| WEQ | m | Exelon Generation Company, LLC | William Berg |
| WGQ | s | Exelon Generation Company, LLC | Lisa Simpkins, Joseph Kirwan, Andrea Kullman, Jennifer Scott |
| WGQ | pr | ExxonMobil Gas & Power Marketing Company a division of Exxon Mobil Corporation | Randy E. Parker, John W. Poe |
| WEQ | ts | FIS | Andrew Tritch |
| WGQ | s | FIS | Sylvia Munson |
| WEQ | d | Florida Municipal Power Agency | Frank Gaffney, Dan O'Hagan, Susan Schumann |
| WEQ | g | Florida Municipal Power Agency | Frank Gaffney, Dan O'Hagan, Susan Schumann |
| WEQ | m | Florida Power & Light Company | Tim Gerrish, Tom Hartman |
| WEQ | t | Florida Power & Light Company | Bernardo Benigni, Miguel Yanes |
| WGQ | e | Florida Power & Light Company | Paul Zhang, Art Morris |
| WGQ | s | Gas Natural Fenosa LNG, S.L. | Carlos Humphrey Garcia, Lourdes Cacho |
| WGQ | pl | Gasoductos de Chihuahua S. de R.L. de C.V. | Victor Manuel Lozano Chavez |
| WEQ | t | Georgia Transmission Corporation | Patrick McGovern |
| WEQ | e | GMO GlobalSign, Inc. | Lila Kee |
| WGQ | pl | Golden Pass Pipeline, LLC | Richard Smith |
| RMQ | s | Green Button Alliance | Barry Haaser |
| WEQ | t | Hydro - Quebec Transenergie | Michel Prevost |
| WEQ | g | Iberdrola Renewables | Laura Beane, Jan Korver |
| WEQ | t | Iberdrola USA Management Corporation (Central Maine Power Co) | Carol A. Purinton |
| WGQ | l | Iberdrola USA Management Corporation (Rochester Gas and Electric Corp) | Mark Marini |
| WEQ | t | Idaho Power Company | Kathy Anderson |
| WEQ | e | Idaho Public Utilities Commission | Johanna Bell |
| WGQ | e | Idaho Public Utilities Commission | Johanna Bell |
| WGQ | e | Imperial Irrigation District | Belen Valenzuela, Arcadio (Art) Magana, Scott Harding |
| WEQ | i | Independent Electricity System Operator (IESO) | Scott Berry, David Barrett |
| WEQ | g | Indiana Municipal Power Agency | Scott Berry |
| WEQ | t | Indianapolis Power and Light Company | Michael L. Holtsclaw |
| RMQ | g | Integrys Energy Group, Inc. | Tom Aridas, Ken Thiry |
| RMQ | s | Intelometry, Inc. | Raymond W. Anderson |
| WGQ | pl | Iroquois Gas Transmission System | Tom Gwilliam |
| RMQ | e | ISO New England, Inc. | Eric Winkler |
| WEQ | i | ISO New England, Inc. | Matthew F. Goldberg, Douglas Smith, Eric Winkler |
| WEQ | t | JEA | John Babik |
| WEQ | t | Kansas City Power & Light Company | Denise Buffington |
| WEQ | g | Kansas City Power & Light Company | Jennifer Flandermeyer |
| WGQ | pl | Kern River Gas Transmission Company | Brenda Horton |
| WGQ | pl | Kinder Morgan Inc | Gene Nowak, Mark Gracey, Nate Sheffer |
| WGQ | pl | Kinetica Partners, LLC | Michelle Dundee |
| RMQ | g | Latitude Technologies Inc. | Leigh Spangler |
| WGQ | s | Latitude Technologies Inc. | Leigh Spangler |
| WEQ | t | LG&E and KU Services Company | Derek A. Rahn, Daryn Barker |
| WEQ | ts | Liaison Technologies, Inc. | Rob Consoli |
| WEQ | ts | Links Technology Solutions, Inc. | Robert VanValkenburg |
| WEQ | m | Los Angeles Department of Water and Power | Bradford Packer, Joel F. Cordero |
| WEQ | t | Los Angeles Department of Water and Power | Mukhles Bhuiyan |
| WGQ | s | Macquarie Energy LLC | Michele McLendon, David Webster, Christi Nicolay |
| WEQ | e | Maine Public Utilities Commission | Denis Bergeron |
| WEQ | m | Manitoba Hydro | Audrey Penner |
| WEQ | t | Manitoba Hydro | Robin Rebillard |
| WGQ | pr | Marathon Oil Company | Robin Perrine |
| RMQ | e | Maryland Public Service Commission | Dan Hurley |
| WGQ | pl | MCP Operating LLC | Jeremy Durocher |
| WEQ | d | Michigan Public Power Agency | Peter J. Schimpke |
| WEQ | m | MidAmerican Energy Company | Dennis Kimm |
| WGQ | pl | Millennium Pipeline Company, LLC | Gary Kruse |
| RMQ | e | Minnesota Public Utilities Commission | Christopher Villarreal |
| WEQ | e | Minnesota Public Utilities Commission | Christopher Villarreal |
| WEQ | i | MISO | Lori A. Spence, Ed Skiba |
| WEQ | d | Missouri River Energy Services | Thomas J. Heller |
| WGQ | s | Munich Re Trading LLC | Yvonne L. Aponte |
| WEQ | m | Municipal Energy Agency of Nebraska | Robin Spady |
| WEQ | m | Nalcor Energy | Brad Coady |
| RMQ | e | National Association of Regulatory Utility Commissioners | Sam Watson |
| WEQ | e | National Association of Regulatory Utility Commissioners | Sam Watson |
| WGQ | l | National Fuel Gas Distribution Corporation | Mike Novak |
| WGQ | pl | National Fuel Gas Supply Corp. | Deborah Kupczyk |
| WEQ | t | National Grid | Kevin Reardon |
| WGQ | l | National Grid | James A. Stanzione |
| WEQ | ts | National Institute of Standards and Technology | David A. Wollman |
| WEQ | d | National Rural Electric Cooperative Association | Paul McCurley |
| WEQ | t | Nebraska Public Power District | Don Schmit |
| RMQ | e | New Jersey Board of Public Utilities | Kenneth J. Sheehan |
| WEQ | g | New Jersey Board of Public Utilities | Kenneth J. Sheehan |
| WEQ | i | New York Independent System Operator, Inc. | Wesley Yeomans, Donna Pratt |
| WEQ | d | New York State Reliability Council | P. Donald Raymond |
| WGQ | e | NextEra Energy Power Marketing, LLC | William Lavarco |
| WGQ | l | NiSource Inc. | Deepak Raval, Michael D. Watson |
| WGQ | pl | Noble Americas Corp. | Joseph Limone, Vanessa R. Mathieu |
| WGQ | pr | Noble Energy, Inc. | Kathryn Skelton, Tammy M. Stevens |
| WEQ | d | North American Electric Reliability Corporation (NERC) | Mark G. Lauby |
| WEQ | d | North Carolina Electric Membership Corporation | Luis Fondacci, John Lemire, Richard McCall, James R. Manning |
| WGQ | pl | Northern Natural Gas | James Weidner, Micki Hoffee |
| WGQ | e | Northwest Industrial Gas Users | Edward Finklea |
| WGQ | l | Northwest Natural Gas Company | Randolph Friedman |
| WEQ | t | Northwestern Corporation | Mike Cashell |
| WEQ | g | NRG Energy, Inc. | Chris O'Hara, Alan Johnson, Elizabeth Killinger |
| WEQ | m | NV Energy | Sheryl Torrey |
| WEQ | t | NV Energy, Inc. | Marilyn Franz |
| WEQ | t | Omaha Public Power District | Douglas Peterchuck |
| RMQ | u | Oncor Electric Delivery Company LLC | Debbie McKeever, Chris Rowley, Debra Anderson, Mark Carpenter |
| WGQ | l | ONE Gas, Inc. | Larry Dykes |
| WGQ | pl | ONEOK Partners GP, LLC | Teri Tingler, Lisa Nishimuta |
| WEQ | e | Open Access Technology International, Inc. | Jerry Dempsey |
| WEQ | t | Open Access Technology International, Inc. | Paul R. Sorenson |
| WGQ | s | Open Access Technology International, Inc. | Michelle Coon |
| RMQ | s | Open Access Technology International, Inc. | Michelle Coon |
| WEQ | ts | OpenLink Financial LLC | Philippe Barjon |
| WEQ | ts | Organization for the Advancement of Structured Information Standards (OASIS) | Laurent M. Liscia |
| WGQ | s | PAA Natural Gas Storage, LLC | Eileen W. Kisluk |
| WGQ | l | Pacific Gas and Electric Company | Steve Whelan, Don Petersen |
| WEQ | m | PacifiCorp | Joseph Hoerner |
| WEQ | t | PacifiCorp | Shay LaBray |
| WGQ | pl | Paiute PipeLine Company | Mark A. Litwin |
| WEQ | t | Peak Reliability | Jared Shakespeare |
| RMQ | e | Pennsylvania Office Of Consumer Advocate | Tanya J. McCloskey |
| RMQ | g | Pennsylvania Office of Consumer Advocate | Tanya J. McCloskey |
| RMQ | e | Pennsylvania Public Utility Commission | Lee Yalcin, Jeff McCracken |
| WGQ | l | Peoples Gas System (A division of Tampa Electric Co) | Wraye Grimard |
| RMQ | g | Philadelphia Gas Works | Eloise N Young |
| WGQ | s | Pillsbury Winthrop Shaw Pittman | Michael S. Hindus |
| WEQ | i | PJM Interconnection, LLC | Rich Brown |
| WEQ | t | Portland General Electric | Frank Afranji, John Walker, Johnny Useldinger |
| WEQ | ts | Power Costs, Inc. (PCI) | David Nilsson, Javier Martin |
| WEQ | m | Powerex Corp. | Michael L. McWilliams, Erika Rosin |
| WEQ | d | PowerSouth Energy Cooperative | William Ronald Graham |
| WGQ | e | PPL EnergyPlus, LLC | Anne Fiore |
| RMQ | s | PPL Solutions, LLC | Troy Vingom |
| WEQ | m | Public Service Company of New Mexico | Steven Maestas, Darren Wilkins, Roger Vaughn |
| RMQ | e | Public Utilities Commission of Ohio | Amanda Stallings |
| WEQ | e | Public Utilities Commission of Ohio | Amanda Stallings |
| RMQ | e | Public Utility Commission of Texas | Therese Harris |
| WEQ | t | Puget Sound Energy, Inc. | George Marshall, Bob Harshbarger |
| WGQ | pr | QEP Resources, Inc. | Steve Stanton |
| WGQ | pl | Questar Pipeline Co. | Jerry H. Gross |
| WGQ | s | Quorum Business Solutions Inc. | Seth Peters |
| WGQ | pl | Rager Mountain Storage Company, LLC | Paul Diehl, Rob Kovacevic |
| WEQ | ts | RBN Energy LLC | Richard G. Smead |
| WEQ | d | Sacramento Municipal Utility District | Steve Sorey |
| WGQ | e | Salt River Project Agricultural Improvement & Power District | Paul Jones |
| WEQ | m | Salt River Project Agricultural Improvement & Power District | Richard Lehman |
| WEQ | t | San Diego Gas & Electric Company | Martine Blair |
| WEQ | t | Santee Cooper | Tom Abrams |
| WEQ | m | Seattle City Light | Robin Cross |
| WEQ | e | Seattle City Light | Robin Cross, Cory Anderson |
| WEQ | m | Seminole Electric Cooperative, Inc. | Michael Ward |
| WGQ | pl | Sempra U.S. Gas & Power | Bill Rapp, Elizabeth Peters |
| WGQ | s | Sequent Energy Management, L.P. | Pat Metteauer |
| WGQ | s | Shell Energy North American (US), L.P. | Eric Gillaspie |
| WGQ | s | Skipping Stone, LLC | Greg Lander |
| WGQ | s | SNL Financial | Jana Wootton |
| WEQ | d | Snohomish County PUD No. 1 | Kim Haugen |
| WEQ | t | South Carolina Electric & Gas Company | Matt Hammond, James T. Starling, Jr., Sonya Green-Sumpter, Matt Bullard, Kevin Spitzform |
| WGQ | l | Southern California Gas Company | Richard Ishikawa |
| RMQ | s | Southern Company Services | Lincoln E. Wood |
| WEQ | g | Southern Company Services, Inc. | Clay Rikard, JT Wood |
| WEQ | m | Southern Company Services, Inc. | JT Wood |
| WEQ | t | Southern Company Services, Inc. | Terry Mozena, JT Wood |
| WGQ | e | Southern Company Services, Inc. | Alan Kilpatrick, Roy D. Hiller |
| WGQ | pl | Southern Star Central Gas Pipeline | Philip Rullman, Doug Field |
| RMQ | g | SouthStar Energy Services, LLC | Michael Braswell, Joseph Monroe |
| WGQ | l | Southwest Gas Corporation | John Olenick, Mark Anderson, Mark Litwin |
| WEQ | i | Southwest Power Pool | Carl Monroe, Michael Desselle, Charles Yeung |
| WEQ | t | Southwest Transmission Cooperative, Inc. | Shane Sanders, James Burson |
| WGQ | pl | Spectra Energy Corp | Richard Kruse, Joe Casey |
| RMQ | g | Sprague Operating Resources LLC | Paul Scoff |
| WGQ | pr | SWN Energy Services Company, LLC | Bill Hebenstreit |
| RMQ | g | Systrends USA | Dave Darnell |
| WEQ | d | Tacoma Power | Rick Applegate |
| WGQ | e | Talen Energy Marketing, LLC | Robert Amer |
| WEQ | d | TECO / Peoples Gas System | David Crabtree |
| WEQ | g | Tenaska, Inc. | Scott Helyer |
| WEQ | g | Tennessee Valley Authority | Kathy York |
| WEQ | m | Tennessee Valley Authority | Andrea Sanders Brackett, Valerie Crockett |
| WEQ | t | Tennessee Valley Authority | Armando Rodriguez |
| WGQ | e | Tennessee Valley Authority | Valerie Crockett |
| WGQ | s | Tiger Natural Gas | R.F. (Bob) Smith |
| WGQ | pl | Tallgrass Operations, LLC | Karl Almquist |
| WEQ | m | TransAlta Energy Marketing (U.S.) Inc. | Steve Lincoln |
| WGQ | pl | TransCanada Pipelines | Sherry Hill |
| WEQ | g | Tri-State G&T Association, Inc. | Janelle Marriott |
| WEQ | t | Tri-State Generation and Transmission Association, Inc. | Doug Reese |
| WEQ | t | Tucson Electric Power Company | Raquel Aguilar, Ed Beck, Amy Welander |
| RMQ | g | UGI Utilities, Inc. | Paul Szykman |
| WEQ | t | United Illuminating Company, The | Jim Clemente, Laurie Lombardi |
| WGQ | l | Unitil Service Corporation | Joseph Conneely |
| WGQ | pl | Vector Pipeline L.P. | Amy Bruhn |
| WGQ | l | Vectren Corporation | Elizabeth Beck |
| WEQ | g | Vermont Public Power Supply Authority | William J. Gallagher |
| WEQ | e | Vermont Public Service Board | Mary Jo Krolewski |
| RMQ | e | Vermont Public Service Board | Mary Jo Krolewski |
| WEQ | g | Wabash Valley Power Association | Susan Sosbe |
| WGQ | pl | WBI Energy Transmission, Inc. | Keith Tiggelaar, Gwen Schoepp, Kelly Brooks, Lori Myerchin |
| WEQ | d | We Energies (Wisconsin Electric) | Linda Horn |
| WEQ | g | We Energies (Wisconsin Electric) | James R. Keller |
| WGQ | l | WEC Energy Group | Richard Dobson, Jody Arendt |
| WEQ | g | Westar Energy, Inc. | Grant Wilkerson |
| WEQ | m | Western Area Power Administration | Steven Johnson |
| WEQ | t | Western Area Power Administration | Raymond Vojdani, Steve Sanders |
| WEQ | t | Western Electricity Coordinating Council | Craig L. Williams |
| WGQ | pl | Williams | Dale Davis, Christopher Burden |
| RMQ | u | Wisconsin Public Service Corporation | Dennis Derricks, Ken Thiry |
| WGQ | s | World Fuel Services, Inc. | Rachel Welch |
| WEQ | d | WPPI Energy | Todd Komplin |
| WGQ | s | WPX Energy Marketing, LLC | Rich Ficken, Sherrie Dodson |
| WEQ | m | Xcel Energy Inc. | Randall L. Oye |
| RMQ | s | Xtensible Solutions LLC | Shawn Hu |
| RMQ | e | ZigBee Alliance | Tobin Richardson |
| \* 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. | | | |