



## NORTH AMERICAN ENERGY STANDARDS BOARD

1301 Fannin, Suite 2350 • Houston, Texas 77002 • Phone: (713) 356-0060 • Fax: (713) 356-0067  
email: [naesb@naesb.org](mailto:naesb@naesb.org) • Web Site Address: [www.naesb.org](http://www.naesb.org)

---

April 17, 2009

Filed Electronically

Ms. Kimberly Bose  
Secretary  
Federal Energy Regulatory Commission  
888 First Street N.E., Room 1A  
Washington, D.C. 20585

RE: Submittal for "Measurement and Verification of Demand Response Products" (Docket No. RM05-5-000)

Dear Ms. Bose:

The North American Energy Standards Board ("NAESB") submits this report to the Federal Energy Regulatory Commission ("FERC" or "Commission") regarding the measurement and verification of demand response products and services administered in wholesale electricity markets. . This NAESB report is voluntarily submitted by NAESB in response to Docket Nos. RM05-5-000. The NAESB standards related to the measurement and verification of demand response products and services were ratified by NAESB membership on March 16, 2009 and became available as final actions. We very much appreciate the time, knowledge and industry leadership provided by all participants, both members and non-members and look forward to the further development of demand side management and energy efficiency business practice standards.

The report is being filed electronically in Adobe Acrobat® Print Document Format (.pdf). All of the documents are also available on the NAESB web site ([www.naesb.org](http://www.naesb.org)). Please feel free to call me at (713) 356-0060 or refer to the NAESB website ([www.naesb.org](http://www.naesb.org)) should you have any questions or need additional information regarding the NAESB DSM-EE standards or any other NAESB work products.

Respectfully submitted,

*Rae McQuade*

Ms. Rae McQuade  
President & COO, North American Energy Standards Board



## **NORTH AMERICAN ENERGY STANDARDS BOARD**

1301 Fannin, Suite 2350 • Houston, Texas 77002 • **Phone:** (713) 356-0060 • **Fax:** (713) 356-0067  
**email:** [naesb@naesb.org](mailto:naesb@naesb.org) • **Web Site Address:** [www.naesb.org](http://www.naesb.org)

---

April 17, 2009  
Page 2

cc with enclosures: Chairman Jon Wellinghoff, Federal Energy Regulatory Commission  
Commissioner Suede Kelly, Federal Energy Regulatory Commission  
Commissioner Philip D. Moeller, Federal Energy Regulatory Commission  
Commissioner Marc Spitzer, Federal Energy Regulatory Commission

Mr. Shelton Cannon, Director of Energy Market Regulations, Federal Energy Regulatory Commission  
Ms. Cynthia Marlette, General Counsel of the Commission, Federal Energy Regulatory Commission  
Mr. Joseph McClelland, Director, Office of Electric Reliability, Federal Energy Regulatory Commission

Mr. W. Mason Emmett, Office of General Counsel - Energy Markets, Federal Energy Regulatory Commission  
Mr. Michael Goldenberg, Senior Attorney, Office of General Counsel, Federal Energy Regulatory Commission  
Mr. Ryan Irwin, Office of Energy Market Regulation, Federal Energy Regulatory Commission  
Mr. David Kathan, Office of Energy Market Regulation, Federal Energy Regulatory Commission  
Mr. William Lohrman, Office of Energy Market Regulation, Federal Energy Regulatory Commission  
Ms. Valerie Roth, Office of Energy Market Regulation, Federal Energy Regulatory Commission

Mr. Michael Desselle, Chairman and CEO, North American Energy Standards Board  
Mr. William P. Boswell, General Counsel, North American Energy Standards Board

Mr. David Cook, General Counsel, North American Electric Reliability Corporation

Enclosures (all documents noted in the appendices are available publicly on the NAESB web site – [www.naesb.org](http://www.naesb.org)):

Appendix A DSM-EE Distribution List  
Appendix B WEQ/Retail DSM-EE Subcommittee Meeting Minutes Links  
Appendix C Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts  
Appendix D Ratification Ballots and Results Links  
Appendix E 2008 Wholesale Electric Quadrant Annual Plan  
Appendix F 2009 Wholesale Electric Quadrant Annual Plan  
Appendix G NAESB Process for Standards Development

**UNITED STATES OF AMERICA  
FEDERAL ENERGY REGULATORY COMMISSION**

**Standards for Business Practice and  
Communication Protocols for Public Utilities** )  
)  
)

**Docket No. RM05-5-000**

**REPORT OF THE NORTH AMERICAN ENERGY STANDARDS BOARD**

The North American Energy Standards Board ("NAESB") is voluntarily submitting this report in accordance with the Commission's Orders in the above referenced dockets.

The NAESB Demand Side Management – Energy Efficiency ("DSM-EE") subcommittee meetings and Wholesale Electric Quadrant ("WEQ") Executive Committee ("EC") meetings where these standards<sup>1</sup> were drafted, discussed and adopted took place from July 2007 to December 2008. There were nine subcommittee meetings and various working group meetings, focused solely on DSM-EE issues and specifically in this first phase, on the measurement and verification aspects of demand response products and services. There were ten WEQ EC meetings where the Demand Side Management ("DSM") standards development effort was discussed as one of the agenda topics. All meetings were open to all interested parties and were publicly noticed, and were available by phone and web cast for those unable to travel. The meetings were held in various locations, diverse geographically. Any interested party was encouraged to submit comments if their schedules would not permit them to participate either in person or over the phone/web cast. The minutes of these meetings are provided as links in Appendices B and C, which include the voting record of the WEQ EC, and include all comments filed as part of the formal comment period for the proposed DSM standards. Appendix A includes the DSM-EE distribution list sorted by organization and participant name. The ratification ballots and member ratification voting record results are also included as links in Appendix D. The 2008 and 2009 WEQ Annual Plans are contained in Appendices E and F, respectively. An abbreviated review of the NAESB process by which the standards were drafted, considered and adopted is provided in Appendix G. More detailed process descriptions can be accessed from the NAESB web site.

During the development of the DSM-EE request, the group understood that the standards would reflect the efforts of multiple quadrants and market interests. In review of the DSM-EE scope, the group agreed to focus initially on demand response products and services<sup>2</sup> and the measurement and verification aspects of such. The wholesale and retail electric and retail gas market interests participated in the development of the standards – including many participants who do not hold membership in NAESB. NAESB coordinated its work efforts with the North American Electric Reliability Corporation ("NERC"), as NERC had undertaken a similar development activity. During the development, it was determined that the retail gas participation was more of a role of monitoring,<sup>3</sup> and that the standards to be developed were solely wholesale electric and retail electric quadrant work products. All interested parties regardless of membership in NAESB were encouraged to participate, as they are in all NAESB meetings, to provide the broadest possible input from the industry, as work products are prepared. Appendix A

---

<sup>1</sup> NAESB WEQ Annual Plan 5(a) Final Action: Review and develop business practice standards to support DR and DSM-EE programs, Ratified March 16, 2009, available at [http://www.naesb.org/member\\_login\\_form.asp?doc=fa\\_weq\\_2008\\_api5a.doc](http://www.naesb.org/member_login_form.asp?doc=fa_weq_2008_api5a.doc)

<sup>2</sup> NAESB DSM-EE subcommittee Meeting Minutes, available at <http://www.naesb.org/pdf2/dsmee041107fm.doc>, (April 11, 2007).

<sup>3</sup> NAESB Board of Directors Meeting Minutes, available at <http://www.naesb.org/pdf4/bd032609dm.doc>, (March 26, 2009).

provides the distribution list for DSM-EE materials, and all meeting materials are posted on the web site<sup>4</sup> for any interested party to access.

On December 2, 2008, the DSM-EE subcommittee voted out its recommendation with significant support from all segments of the wholesale electric quadrant.<sup>5,6</sup> The recommendation was sent out for a thirty-day industry comment on December 4, 2008 and twelve comments were received.<sup>7</sup> The comments were considered by the WEQ EC on January 27, 2009<sup>8</sup> and the DSM-EE subcommittee chairs provided a review that gave additional context to the standards. During the WEQ EC discussion it was noted that more technical standards would be needed to support the standards provided in the recommendation. All WEQ EC members agreed to have a follow-up development effort to provide additional technical context to the standards. The WEQ EC voted on January 27, 2009 with notational ballots due on February 10, 2009 for absent EC members, to approve the recommendation, passing the EC with the needed super-majority threshold of 67% and a minimum of 40% affirmative votes from each segment, receiving 70.7% overall including meeting the segment threshold. No negative votes were received, (abstentions counted for the less than 100% affirmative vote reported). The recommendation was then ratified by the WEQ members on March 16, 2009<sup>9</sup> after a thirty-day ratification period, garnering 100%, clearly exceeding the super-majority threshold of 67%.

The WEQ demand response standards<sup>10</sup> include forty definitions and thirty-one business practice standards. They address the measurement and verification characteristics of demand response products and services administered for application in the wholesale electricity market. They are intended to provide a common framework for transparency (accessible and understandable measurement and verification requirements for demand response products and services), accountability (criteria that will enable the system operator to accurately measure the performance of demand response resources), and consistency (standards applicable across all wholesale electricity markets). The standards address four product/service categories (energy service, capacity service, reserve service and regulation service), and establish criteria for the use of equipment, technology and procedures to quantify the demand reduction value delivered.. The standards are now considered a final action<sup>11</sup> and are accessible as a final action from the NAESB web site. They will be included in our next publication, WEQ Version 2.2, currently slated for first quarter 2010.

As a follow-up, the DSM-EE subcommittee has begun efforts to scope the development of more detailed technical standards for the measurement and verification of demand response products and services in ISO-RTO footprint areas. A new wholesale electric work group will meet on April 16, 2009 to begin the scoping effort for the more technical standards development. WEQ/Retail DSM-EE subcommittee meetings have been scheduled for May 29, July 29 and September 29, during which the products of the retail task force and new wholesale task force will be reviewed, possibly modified and approved. The retail efforts are proceeding and the retail task force is using the wholesale standards as a foundation for their work products. It is expected that NAESB would have retail electric work products supportive of the wholesale work products by second quarter 2009.

---

<sup>4</sup> NAESB WEQ DSM-EE webpage, available at <http://www.naesb.org/dsm-ee.asp>

<sup>5</sup> NAESB DSM-EE Subcommittee Meeting Minutes, available at <http://www.naesb.org/pdf4/dsmee120208dm.doc>, December 2, 2008, (Motion to adopt the recommendation made by John Hughes of Electricity Consumers Resource Council and seconded by Eric Winkler of ISO New England, both of whom voted in support of the recommended standards).

<sup>6</sup> A significant provision of the wholesale market demand response measurement and verification standards sent to the WEQ EC was the provision that the standards are only applicable to ISO-RTO areas and that non ISO-RTO areas shall develop wholesale market demand response measurement and verification standards as needed in the future. NAESB did not identify any wholesale market demand response products and services that were not administered by ISOs or RTOs.

<sup>7</sup> WEQ Request for Comments, available at [http://www.naesb.org/weq\\_request.asp](http://www.naesb.org/weq_request.asp). The comments are located in the row titled, 2009 WEQ Annual Plan Item 5(a).

<sup>8</sup> NAESB WEQ Executive Committee Meeting Minutes, available at [http://www.naesb.org/pdf4/weq\\_ec012709dm.doc](http://www.naesb.org/pdf4/weq_ec012709dm.doc), January 27, 2009.

<sup>9</sup> WEQ Member Ratification of the wholesale M&V standards, available at <http://www.naesb.org/ratification.asp>. The ratification tally is located on the row dated February 12, 2009.

<sup>10</sup> NAESB WEQ Annual Plan 5(a) Final Action: Review and develop business practice standards to support DR and DSM-EE programs, Ratified March 16, 2009, available at [http://www.naesb.org/member\\_login\\_form.asp?doc=fa\\_weq\\_2008\\_api5a.doc](http://www.naesb.org/member_login_form.asp?doc=fa_weq_2008_api5a.doc)

<sup>11</sup> *Id.*

This report is intended solely as a status report from NAESB regarding the DSM-EE subcommittee process, issues and standards. NAESB does not advocate that the Commission take a particular position on any of the issues presented.

Jeb Bartley, Accenture  
Amadou Fall, ACES Power Marketing, LLC  
Roy True, ACES Power Marketing  
H. Neal Allen, Alabama Power Company  
Judy W. Ray, Alabama Power Company  
David P. Johnson, Allegheny Energy, Inc.  
Cynthia A. Menhorn, Allegheny Energy  
Terri Grabiak, Allegheny Power  
Cassandra Robinson, Allegheny Power  
Thomas Rone, Allegheny Power  
Jason J. Wojciechowicz, Allegheny Power  
Steve Capanna, Alliance to Save Energy  
Joe Loper, Alliance to Save Energy  
Lonni Dieck, American Electric Power  
Sherri Monteith, American Electric Power  
Mariam Arnaout, American Gas Association (AGA)  
J.P. Blackford, American Public Power Association  
Allen Mosher, American Public Power Association  
S Balakrishnan, ANB Enterprises, Inc.  
Bob Gray, Arizona Corporation Commission  
Kent Walter, Arizona Public Service  
Meg Matt, Association of Energy Services  
Professionals (AESP)  
Bob Rowe, Balhoff & Rowe, LLC  
Howard H. Shafferman, Ballard Spahr Andrews &  
Ingersoll, LLP  
David Kelly, Baltimore Gas and Electric  
Ruth Kiselewich, Baltimore Gas and Electric  
Jeanie Nathaniel, Baltimore Gas and Electric  
Phil Precht, Baltimore Gas and Electric  
Mary Straub, Baltimore Gas and Electric  
William Wolf, Baltimore Gas and Electric  
Yolanda Mason, Bayboro EC, Inc.  
Vicky A. Bailey, BHMM Energy Services, LLC  
Pamela Sporborg, Bonneville Power Administration  
Ken Keating, Bonneville Power Authority  
Rodereck Kelley, Bonneville Power Authority  
Philip Q. Hanser, Brattle Group, The  
Shaun Moher, Brickfield, Burchette, Ritts and Stone  
Damon Xenopoulos, Brickfield, Burchette, Ritts &  
Stone, PC  
The Honorable Dian Grueneich, Commissioner,  
California Public Utilities Commission  
Glenn Garland, CLEAResult Incorporated  
Jonathan Kleinman, CLEAResult Incorporated  
John Oyhenart, CLEAResult Incorporated  
Dan Ellis, Climate Master  
Robert Sallee, Climate Master  
Jeff Hein, Colorado Public Utilities Commission  
Jim Templeton, Comprehensive Energy Services  
Cynthia Arcate, ComVerge  
Bob Bress, ComVerge  
Wendell Miyaji, ComVerge  
Blake Morrison, ComVerge  
Chris Fan, Con Edison  
Elena Futoryan, Con Edison  
Andre Wellington, Con Edison  
Nelson Yip, Con Edison  
Tess Pierluissi, Consolidated Edison  
Marc Hoffman, Consortium for Energy Efficiency  
Monica Nevius, Consortium on Energy Efficiency  
Cheryl Hindes, BGE Constellation Energy  
Tarra Bolduc, Constellation NewEnergy  
Brett Feldman, Constellation NewEnergy  
Gregory M. Urbin, Constellation NewEnergy  
Teri Van Sumeren, Consumers Energy  
Janette Dudley, CPower, Inc.  
Dirk Mahling, CPower, Inc.  
Nicholas Justice Planson, CPower, Inc.  
Katherine George, Demand Response Coordinating  
Committee  
Michael R. Flores, Direct Energy  
Chuck Moore, Direct Energy  
Jamie Wimberly, Distributed Energy Financial Group  
LOC  
Ben Boyd, Distribution Control Systems, Inc.  
Daniel Cleverdon, District of Columbia Public  
Service Commission  
Robert Burnette, Dominion  
Ed Hall, Dominion  
Mike Jesensky, Dominion  
Deanna Kesler, Dominion  
David Koogler, Dominion  
Ripley Newcomb, Dominion  
Shannon Venable, Dominion  
Kathy W. Johnson, Dominion Resources  
Anne B. Rhoades, Dominion Resources

Richard Zelenko, Dominion Retail Inc.  
Mary Edwards, Dominion Virginia Power  
Clayton Crouch, Dominion Virginia Power/North Carolina Power  
Rob Rice, Dominion Virginia Power  
Clifford Grimm, DTE Energy  
Mark R. Williamson, DTE Energy  
Bruce Sailors, Duke Energy  
Walt Yeager, Duke Energy Americas, LLC  
Ollie Frazier, Duke Energy Corporation  
Dan Jones, Duke Energy Corporation  
Thomas Osterhus, Duke Energy  
Dan Flaherty, Duquesne Light Company  
Mary Anne Brelinsky, Eagle Energy Partners  
Cade Burks, EC Power  
Eric Ackerman, Edison Electric Institute  
James P. Fama, Edison Electric Institute  
Diane Munns, Edison Electric Institute  
Steven Rosenstock, Edison Electric Institute  
Grace Soderberg, Edison Electric Institute  
John Cowan, Efficiency Valuation Organization  
Abraham Raheer, Efficiency Valuation Organization  
Bernie Neenan, EPRI  
Bob Enriken, Electric Power Research Institute  
Krish Gomatam, Electric Power Research Institute  
Jennifer Robinson, Electric Power Research Institute  
Jack Cashin, Electric Power Supply Association  
John Shelk, Electric Power Supply Association  
Steve Krein, Electric Reliability Council of Texas  
Joel Mickey, Electric Reliability Council of Texas  
Susan Munson, Electric Reliability Council of Texas  
Paul Wattles, Electric Reliability Council of Texas  
Phil Bisesi, ElectricCities of North Carolina  
Greg Locke, ElectricCities of North Carolina  
John Hughes, Electricity Consumers Resource Council (ELCON)  
Ren Orans, Energy and Environmental Economics, Inc.  
Jacob Dobscha, Energy Connect  
Linda Fink, Energy Curtailment Specialist, Inc.  
Michael Jaeger, Energy Curtailment Specialists, Inc.  
Daniel Perez, Energy Curtailment Specialists, Inc.  
Marjorie Perlman, Energy East Management  
Tom Gianneschi, Energy Regulatory Affairs, Alcoa, Inc.  
George Behr, Energy Services Group  
Fred Gordon, Energy Trust of Oregon  
David Clarke, Energy Washington Week  
Tom Atkinson, EnerNOC  
Aaron Breidenbaugh, EnerNOC  
Kristin Brief, EnerNOC  
Phil Giudice, EnerNOC  
Tim Healy, EnerNOC  
Rick Paradis, EnerNOC  
Brett A. Perlman, Bector Consultant  
Terry Sick, EnerNOC  
Rob Southern, EnerNOC  
Mark Bruckner, Entergy  
Ed Davis, Entergy  
Floyd Galvan, Entergy  
Karen Radosevich, Entergy  
Marc Tannenbaum, Evergreen Software Inc.  
Scott Brown, Exelon Corporation  
Stephen Bennett, Exelon Power Team  
Ryan Irwin, Federal Energy Regulatory Commission  
David Kathan, Federal Energy Regulatory Commission  
Bill Lohrman, Federal Energy Regulatory Commission  
Mary Beth Tighe, Federal Energy Regulatory Commission  
Sandra Waldstein, Federal Energy Regulatory Commission  
The Honorable Jon Wellinghoff, Commissioner, Federal Energy Regulatory Commission  
Dennis Brandt, Florida Power and Light Company  
Paul N. Smolen, Fox, Smolen & Associates  
Phil Audet, Frontier Associates  
Jay Zarnikau, Frontier Associates  
Earl Fair, Gainesville Regional Utilities  
Richard Spellman, GDS Associates, Inc.  
Steve Isser, Good Company Associates  
Robert King, Good Company Associates  
Bill Bland, GoodCents  
Robert Mason, GoodCents  
Michael Chen-Young, GreenSmith Energy Management Systems  
Marija Zivanovic Smith, Gridpoint

Donna Harper, Honeywell  
Thomas McMahon, Honeywell Utility Solutions  
Val Jensen, ICF International  
David Meisegeier, ICF International  
David Pickles, ICF International  
William (Bill) Prindle, ICF International  
Lou Ann Westerfield, Idaho Public Utility  
Commission  
Biju Gopi, IESO  
Marvin Rosenberg, Independent  
Rhonda Ferguson, Integrys  
Bill Bourbonnais, Integrys Energy Services, Inc.  
Dennis M. Derricks, Integrys Group  
Jim Beyer, Integrys  
Melissa Lauderdale, Integrys Energy  
Ilze Rukis, Integrys Energy Group  
Steve Schiller, International Program Measurement  
and Verification Protocol (IPMVP)  
Robert Burke, ISO New England Inc.  
Matthew F. Goldberg, ISO New England, Inc.  
David LaPlante, ISO New England Inc.  
Robert Laurita, ISO New England Inc.  
Eric Winkler, ISO New England Inc.  
Henry Yoshimura, ISO New England Inc.  
Dave Hanna, Itron – Consulting & Analysis  
P G (Bud) Para, JEA  
Jason Jones, Kansas City Power & Light  
Daniel Waintroob, KEMA Services  
Mimi Goldberg, Kema/Xnergy  
Liz Hicks, Kema/Xnergy  
Bruce Johnson, KeySpan Corporation  
Chuck Goldman, Lawrence Berkeley National  
Laboratory  
Grayson Heffner, Lawrence Berkeley National  
Laboratory  
Mark R. Bowen, Lockheed Martin Information  
Technology  
Rebecca A. Klein, Loeffler Tuggey Pauerstein  
Rosenthal, LLP  
Richard Davies, Maine Office of Public Advocate  
Denis Bergeron, Maine Public Utilities Commission  
Katherine Johnson, Market Development Group  
W. Robert Keating, Mass. Department of  
Telecommunication & Energy  
The Honorable Alan M. Freifeld, Commissioner,  
Maryland Public Service Commission  
The Honorable James Y Kerr III, McGuire Woods  
LLP & McGuire Woods Consulting LLC  
Grey Staples, Mendota Group, LLC  
Jeff King, Metropolitan Washington Council of  
Governments  
Rick Leuthauser, MidAmerican Energy Company  
Carol D. Parker, MidAmerican Energy Company  
Richard Walker, MidAmerican Energy Company  
James Wilson, MidAmerican Energy Company  
Alicia Ward, Midwest Energy Efficiency Alliance  
Robert Borlick, Midwest ISO  
Annette Holst, MidAmerican Energy  
Vijaya Ganugula, Midwest ISO  
Rob Lamoureux, Midwest ISO  
Mike Robinson, Midwest ISO  
Ed Skiba, Midwest ISO  
Mark Westendorf, Midwest ISO  
Li Zhang, Midwest ISO  
Shel Berg, Midwest Reliability Organization  
Gary Kajander, Monsanto  
Jonathan Booe, NAESB  
Rae McQuade, NAESB  
Denise Rager, NAESB  
Angela Gonzales, NAESB  
Veronica Thomason, NAESB  
Chuck Gray, National Association of Regulatory  
Utility Commissioners  
Charles A. Acquard, National Association of State  
Utility Consumer Advocates  
John McCarthy, National Energy Board  
Craig G. Goodman, National Energy Marketers  
Association  
Stacey Rantala, National Energy Marketers  
Association  
Mike Novak, National Fuel Gas Distribution  
Corporation  
Tim Stout, National Grid  
Carol White, National Grid  
John Holt, National Rural Electric Cooperative  
Association  
Jay Morrison, National Rural Electric Cooperative  
Association  
Mary Ann Ralls, National Rural Electric Cooperative  
Association



Timothy Douek, Navigant Consulting  
Jack Floyd, NC Utilities Commission – Public Staff  
Bob Hinton, NC Utilities Commission – Public Staff  
John W. Charlton, New York ISO  
Robb Pike, New York ISO  
Donna Pratt, New York ISO  
Phillip Shafeei, New York ISO  
Diane Barney, New York Public Service Commission  
Alice Miller, New York Department of Public Service  
Lisa Rosi, New York Department of Public Service  
Sigmund Peplowski, New York State Dept. of Public Service  
Bruce Ellsworth, New York State Reliability Council  
Greg Clendenning, Nexus Market Research, Inc.  
Tim Pettit, Nexus Market Research, Inc.  
Mark Lauby, North American Electric Reliability Corporation  
David R. Nevius, North American Electric Reliability Corporation  
Stephanie Monzon, North American Electric Reliability Corporation  
John Moura, North American Electric Reliability Corporation  
Julia Souder, North American Electric Reliability Corporation  
Clay Norris, North Carolina Municipal Power Agency #1  
The Honorable Samuel Ervin IV, Commissioner, North Carolina Utilities Commission  
Julie Michals, Northeast Energy Efficiency Partnerships, Inc.  
Elizabeth Titus, Northeast Energy Efficiency Partnerships, Inc.  
Sue Coakley, Northeast Energy Efficiency Project  
Michael F. Ahern, Northeast Utilities  
Calvin Bowie, Northeast Utilities  
Dave Scott, Northeast Utilities  
John Scricca, Northeast Utilities  
Tom Eckman, Northwest Power and Conservation Council  
Paul McCurley, NRECA  
David Olivier, NSTAR Electric & Gas  
Lisa Shea, NSTAR Electric & Gas  
Michelle D'Antuono, Occidental Energy Ventures Corp  
Scott Wardle, Occidental Chemical  
Faith S. Lambert, Office of Weatherization and Intergovernmental Program, EE-2K  
The Honorable Donald L. Mason, All American Energy Partners LLC  
Thom Pearce, Public Utilities Commission of Ohio  
Deborah McKeever, Oncor  
Terry Bates, Oncor Electric Delivery  
Jeff Reed, Oncor Electric Delivery  
Neil Hutchings, Ontario Power Authority  
Kim Pederson, Otter Tail Power Company  
Rebecca Wentler, Otter Tail Power Company  
Robert Kasman, Pacific Gas & Electric  
Don Peterson, Pacific Gas and Electric  
Bill Marek, PacifiCorp  
Elliott Boardman, Peak Load Management Association (PLMA)  
Craig Boice, Peak Load Management Association (PLMA)  
John J. McCawley, PECO  
Kurt Sontag, PECO Energy  
Susan Covino, PJM Interconnection, LLC  
Leanne Harrison, PJM Interconnection, LLC  
Pete Langben, PJM Interconnection, LLC  
Anne Arquit Niederberger, Policy Solutions  
Jim Minneman, PPL Solutions  
David Meade, Praxair  
Michael Jacob, Progress Energy Carolinas, Inc.  
Nina McLaurin, Progress Energy  
John Masiello, Progress Energy Florida  
Charles Thomas, Progress Energy Florida  
Steven Maestas, Public Service Co. of New Mexico  
Susanna Chiu, Public Service Electric and Gas  
Fred Lynk, Public Service Electric and Gas  
Terry Moran, Public Service Electric and Gas  
Shawnee Claiborn-Pinto, Public Utility Commission of Texas  
Cliff Crouch, Public Utility Commission of Texas  
Ernest Garcia, Public Utility Commission of Texas  
Theresa Gross, Public Utility Commission of Texas  
Voitech Yaroshevich, Public Utility Commission of Texas  
Syd H. France, Puget Sound Energy  
Shannon McCormick, Puget Sound Energy  
Kevin Gresham, Reliant Energy  
Ross Malme, RETX

Bob Schwermann, Sacramento Municipal Utility District  
Vikki Wood, Sacramento Municipal Utility District  
Joseph Lynch, SCANA  
Erin Erben, Salt River Project  
Bill Lawton, Seminole Electric  
Lane Mahaffey, Seminole Electric  
Kelly Ross Gillespie, Southeast Energy Efficiency Alliance c/o Alliance to Save Energy  
Joe Marone, Southern California Edison  
Lee Stewart, Southern California Gas Company  
Roman Carter, Southern Company  
John Ciza, Southern Company  
Wilbur Johnson, Southern Company  
Daryl McGee, Southern Company  
Dean Ulch, Southern Company  
Kyle Leach, Southern Company  
Howard Geller, Southwest Energy Efficiency Alliance  
Michael Desselle, Southwest Power Pool  
Carl Monroe, Southwest Power Pool  
Mary Klos, Summit Blue Consulting  
Daniel Violette, Summit Blue Consulting  
Kevin Coney, Summit Blue Consulting  
Paul Peterson, Synapse Energy Economics  
Gail McKaig, Tampa Electric Company  
Nick Hall, TecMarket Works  
Howard Bryant, TECO Energy  
Matt Brown, Tennessee Valley Authority  
David Chamberlain, Tennessee Valley Authority  
Edward Colston, Tennessee Valley Authority  
Valerie Crockett, Tennessee Valley Authority  
Kathy York, Tennessee Valley Authority  
Carrie Voss, Tennessee Valley Authority  
Robert W. Gee, The Gee Strategies Group

Richard Sedano, The Regulatory Assistance Project  
Karen Wei, The Structure Group  
Mack Wallace, TXU Energy  
Christopher Freitas, U S Department of Energy  
Lawrence Mansueti, U S Department of Energy  
Lew W. Pratsch, U S Department of Energy  
Stacy Angel, U S Environmental Protection Agency  
Nikolaas Dietsch, U S Environmental Protection Agency  
Dan Delurey, U.S. Demand Response Coordinating Committee  
Daniel Adamo, UGI Utilities, Inc.  
William McAllister, UGI Utilities  
Scott Coe, UISOL  
Michelle Michot Foss, University of Texas at Austin Center for Energy Economics  
Ron Russell, University of Texas MD Anderson Cancer Center  
David R. Eichenlaub, VA State Corporation Commission  
Amanda Eades, Vectren  
Marlene Parsley, Vectren  
Robbie Sears, Vectren  
Pam Stonier, Vermont Public Service Board  
Diane Jenkins, Virginia State Corporation Commission  
Paul M. Pietsch, Wedgemere Group  
Michelle Mizumori, Western Electricity Coordinating Council  
Mike Wells, Western Electricity Coordinating Council  
Christopher Burden, Williams Gas Pipeline  
Ronda Ferguson, Wisconsin Public Service Corporation  
Britney Ryder

Eric Ackerman, Edison Electric Institute  
Charles A. Acquard, National Association of State  
Utility Consumer Advocates  
Daniel Adamo, UGI Utilities  
Michael F. Ahern, Northeast Utilities  
H. Neal Allen, Alabama Power Company  
Stacy Angel, U S Environmental Protection Agency  
Cynthia Arcate, ComVerge  
Mariam Arnaout, American Gas Association (AGA)  
Tom Atkinson, EnerNOC  
Phil Audet, Frontier Associates  
Vicky A. Bailey, BHMM Energy Services, LOC  
S Balakrishnan, ANB Enterprises, Inc.  
Diane Barney, New York Public Service Commission  
Terry Bates, Oncor Electric Delivery  
Jeb Bartley, Accenture  
George Behr, Energy Services Group  
Stephen Bennett, Exelon Power Team  
Shel Berg, Midwest Reliability Organization  
Denis Bergeron, Maine Public Utilities Commission  
Jim Beyer, Integrys  
Phil Bisesi, ElectricCities of North Carolina  
J.P. Blackford, American Public Power Association  
Bill Bland, GoodCents  
Eilliott Boardman, Peak Load Management  
Association (PLMA)  
Craig Boice, Peak Load Management Association  
Tara Bolduc, Constellation NewEnergy  
Jonathan Booe, NAESB  
Robert Borlick, Midwest ISO  
Bill Bourbonnais, Integrys Energy Services, Inc.  
Mark R. Bowen, Lockheed Martin Information  
Technology  
Calvin Bowie, Northeast Utilities  
Ben Boyd, Distribution Control Systems, Inc.  
Dennis Brandt, Florida Power and Light Company  
Mary Anne Brelinsky, Eagle Energy Partners  
Aaron Breidenbaugh, EnerNOC  
Bob Bress, ComVerge  
Kristin Brief, EnerNOC  
Matt Brown, Tennessee Valley Authority  
Scott Brown, Exelon Corporation  
Mark Bruckner, Entergy  
Howard Bryant, TECO Energy  
Christopher Burden, Williams Gas Pipeline  
Robert Burke, ISO New England Inc.  
Cade Burks, EC Power  
Robert Burnette, Dominion  
Steve Capanna, Alliance to Save Energy  
Roman Carter, Southern Company  
Jack Cashin, Electric Power Supply Association  
David Chamberlain, Tennessee Valley Authority  
John W. Charlton, New York ISO  
Michael Chen-Young, GreenSmith Energy  
Management Systems  
Susanna Chiu, Public Service Electric and Gas  
John Ciza, Southern Company  
Shawnee Claiborn-Pinto, Public Utility Commission  
of Texas  
David Clarke, Energy Washington Week  
Greg Clendenning, Nexus Market Research, Inc.  
Daniel Cleverdon, District of Columbia Public  
Service Commission  
Sue Coakley, Northeast Energy Efficiency Project  
Scott Coe, UISOL  
Edward Colston, Tennessee Valley Authority  
Kevin Coney, Summit Blue Consulting  
Susan Covino, PJM Interconnection, LLC  
John Cowan, Efficiency Valuation Organization  
Valerie Crockett, Tennessee Valley Authority  
Clayton Crouch, Dominion Virginia Power/North  
Carolina Power  
Cliff Crouch, Public Utility Commission of Texas  
Michelle D'Antuono, Occidental Energy Ventures  
Corp  
Ed Davis, Entergy  
Richard Davies, Maine Office of Public Advocate  
Dan Delurey, U.S. Demand Response Coordinating  
Committee  
Dennis M. Derricks, Integrys Group  
Michael Desselle, Southwest Power Pool  
Lonni Dieck, American Electric Power  
Nikolaas Dietsch, U S Environmental Protection  
Agency  
Jacob Dobscha, Energy Connect  
Timothy Douek, Navigant Consulting  
Janette Dudley, CPower, Inc.  
Amanda Eades, Vectren

Tom Eckman, Northwest Power and Conservation Council  
Mary Edwards, Dominion Virginia Power  
David R. Eichenlaub, VA State Corporation Commission  
Dan Ellis, Climate Master  
Bruce Ellsworth, New York State Reliability Council  
Robert Entriken, Electric Power Research Institute  
Erin Erben, Salt River Project  
The Honorable Samuel Ervin IV, Commissioner, North Carolina Utilities Commission  
Earl Fair, Gainesville Regional Utilities  
Amadou Fall, ACES Power Marketing, LLC  
Chris Fan, Con Edison  
James P. Fama, Edison Electric Institute  
Brett Feldman, Constellation NewEnergy  
Rhonda Ferguson, Integrys  
Ronda Ferguson, Wisconsin Public Service Corporation  
Linda Fink, Energy Curtailment Specialist, Inc.  
Dan Flaherty, Duquesne Light Company  
Michael R. Flores, Direct Energy  
Jack Floyd, NC Utilities Commission – Public Staff  
Michelle Michot Foss, University of Texas at Austin Center for Energy Economics  
Syd H. France, Puget Sound Energy  
Ollie Frazier, Duke Energy Corporation  
The Honorable Alan M. Freifeld, Commissioner, Maryland Public Service Commission  
Christopher Freitas, U S Department of Energy  
Elena Futoryan, Con Edison  
Floyd Galvan, Entergy  
Vijaya Ganugula, Midwest ISO  
Ernest Garcia, Public Utility Commission of Texas  
Glenn Garland, CLEARResult Incorporated  
Robert W. Gee, The Gee Strategies Group  
Howard Geller, Southwest Energy Efficiency Alliance  
Katherine George, Demand Response Coordinating Committee  
Tom Gianneschi, Energy Regulatory Affairs, Alcoa, Inc.  
Kelly Ross Gillespie, Southeast Energy Efficiency Alliance c/o Alliance to Save Energy  
Kevin Gresham, Reliant Energy  
Theresa Gross, Public Utility Commission of Texas  
Phil Giudice, EnerNOC  
Mimi Goldberg, Kema/Xnergy  
Chuck Goldman, Lawrence Berkeley National Laboratory  
Krish Gomatam, Electric Power Research Institute  
Angela Gonzales, NAESB  
Craig G. Goodman, National Energy Marketers Association  
Biju Gopi, IESO  
Fred Gordon, Energy Trust of Oregon  
Terri Grabiak, Allegheny Power  
Bob Gray, Arizona Corporation Commission  
Chuck Gray, National Association of Regulatory Utility Commissioners  
Kevin Gresham, Reliant Energy  
Clifford Grimm, DTE Energy  
The Honorable Dian Grueneich, Commissioner, California Public Utilities Commission  
Ed Hall, Dominion  
Nick Hall, TecMarket Works  
Dave Hanna, Itron – Consulting & Analysis  
Philip Q. Hanser, Brattle Group, The  
Donna Harper, Honeywell  
Leanne Harrison, PJM Interconnection, LLC  
Tim Healy, EnerNOC  
Grayson Heffner, Lawrence Berkeley National Laboratory  
Jeff Hein, Colorado Public Utilities Commission  
Liz Hicks, Kema/Xnergy  
Cheryl Hinds, BGE Constellation Energy  
Bob Hinton, NC Utilities Commission – Public Staff  
Marc Hoffman, Consortium for Energy Efficiency  
Annette Holst, MidAmerican Energy  
John Holt, National Rural Electric Cooperative Association  
John Hughes, Electricity Consumers Resource Council (ELCON)  
Neil Hutchings, Ontario Power Authority  
Ryan Irwin, Federal Energy Regulatory Commission  
Steve Isser, Good Company Associates  
Michael Jacob, Progress Energy Carolinas, Inc.  
Michael Jaeger, Energy Curtailment Specialists, Inc.  
Diane Jenkins, Virginia State Corporation Commission  
Val Jensen, ICF International  
Mike Jesensky, Dominion  
Bruce Johnson, KeySpan Corporation  
David P. Johnson, Allegheny Energy, Inc.

Katherine Johnson, Market Development Group  
Kathy W. Johnson, Dominion Resources  
Wilbur Johnson, Southern Company  
Dan Jones, Duke Energy Corporation  
Jason Jones, Kansas City Power & Light  
Gary Kajander, Monsanto  
Robert Kasman, Pacific Gas & Electric  
David Kathan, Federal Energy Regulatory Commission  
Ken Keating, Bonneville Power Administration  
W. Robert Keating, Mass. Department of Telecommunication & Energy  
Rodereck Kelley, Bonneville Power Authority  
David Kelly, Baltimore Gas and Electric  
The Honorable James Y Kerr III, McGuire Woods LLP & McGuire Woods Consulting LLC  
Deanna Kesler, Dominion  
Jeff King, Metropolitan Washington Council of Governments  
Robert King, Good Company Associates  
Ruth Kiselewich, Baltimore Gas and Electric  
Rebecca A. Klein, Loeffler Tuggey Pauerstein Rosenthal, LLP  
Jonathan Kleinman, CLEAResult Incorporated  
Mary Klos, Summit Blue Consulting  
David Koogler, Dominion  
Steve Krein, Electric Reliability Council of Texas  
Faith S. Lambert, Office of Weatherization and Intergovernmental Program, EE-2K  
Rob Lamoureux, Midwest ISO  
Pete Langben, PJM Interconnection, LLC  
David LaPlante, ISO New England Inc.  
Mark Lauby, North American Electric Reliability Corporation  
Melissa Lauderdale, Integrys Energy  
Robert Laurita, ISO New England Inc.  
Bill Lawton, Seminole Electric  
Kyle Leach, Southern Company  
Rick Leuthauser, MidAmerican Energy Company  
Greg Locke, ElectricCities of North Carolina  
Bill Lohrman, Federal Energy Regulatory Commission  
Joe Loper, Alliance to Save Energy  
Joseph Lynch, SCANA  
Fred Lynk, Public Service Electric and Gas  
Steven Maestas, Public Service Co. of New Mexico  
Lane Mahaffey, Seminole Electric  
Dirk Mahling, CPower, Inc.  
Ross Malme, RETX  
Lawrence Mansueti, U S Department of Energy  
Bill Marek, PacifiCorp  
Doug Marley  
Joe Marone, Southern California Edison  
John Masiello, Progress Energy Florida  
The Honorable Donald L. Mason, All American Energy Partners LLC  
Yolanda Mason, Bayboro EC, Inc.  
Robert Mason, GoodCents  
Meg Matt, Association of Energy Services Professionals (AESP)  
William McAllister, UGI Utilities  
John McCarthy, National Energy Board  
John J. McCawley, PECO  
Daryl McGee, Southern Company  
Gail McKaig, Tampa Electric Company  
Deborah McKeever, Oncor  
Nina McLaurin, Progress Energy  
Shannon McCormick, Puget Sound Energy  
Paul McCurley, NRECA  
Thomas McMahan, Honeywell Utility Solutions  
Rae McQuade, NAESB  
David Meade, Praxair  
David Meisegeier, ICF International  
Cynthia A. Menhorn, Allegheny Energy  
Julie Michals, Northeast Energy Efficiency Partnerships, Inc.  
Joel Mickey, Electric Reliability Council of Texas  
Wendell Miyaji, ComVerge  
Alice Miller, New York Department of Public Service  
Jim Minneman, PPL Solutions  
Michelle Mizumori, Western Electricity Coordinating Council  
Shaun Moher, Brickfield, Burchette, Ritts and Stone  
Carl Monroe, Southwest Power Pool  
Sherri Monteith, American Electric Power  
Stephanie Monzon, North American Electric Reliability Corporation  
Chuck Moore, Direct Energy  
Terry Moran, Public Service Electric and Gas  
Blake Morrison, ComVerge  
Jay Morrison, National Rural Electric Cooperative Association  
Allen Mosher, American Public Power Association

John Moura, North American Electric Reliability Corporation  
Diane Munns, Edison Electric Institute  
Susan Munson, Electric Reliability Council of Texas  
Jeanie Nathaniel, Baltimore Gas and Electric  
Bernie Neenan, EPRI  
Monica Nevius, Consortium on Energy Efficiency  
David R. Nevius, North American Electric Reliability Corporation  
Ripley Newcomb, Dominion  
Anne Arquit Niederberger, Policy Solutions  
Clay Norris, North Carolina Municipal Power Agency #1  
Mike Novak, National Fuel Gas Distribution Corporation  
David Olivier, NSTAR Electric & Gas  
Ren Orans, Energy and Environmental Economics, Inc.  
Thomas Osterhus, Duke Energy  
Ed Overtree, Constellation NewEnergy  
John Oyhenart, CLEAResult Incorporated  
P G (Bud) Para, JEA  
Rick Paradis, EnerNOC  
Carol D. Parker, MidAmerican Energy Company  
Marlene Parsley, Vectren  
Thom Pearce, Public Utilities Commission of Ohio  
Kim Pederson, Otter Tail Power Company  
Sigmund Peplowski, New York State Dept. of Public Service  
Daniel Perez, Energy Curtailment Specialists, Inc.  
Marjorie Perlman, Energy East Management  
Brett A. Perlman, Bector Consultant  
Don Peterson, Pacific Gas and Electric  
Paul Peterson, Synapse Energy Economics  
Tim Pettit, Nexus Market Research, Inc.  
David Pickles, ICF International  
Tess Pierluissi, Consolidated Edison  
Paul M. Pietsch, Wedgemere Group  
Robb Pike, New York ISO  
Nicholas Justice Planson, CPower, Inc.  
Lew W. Pratsch, U S Department of Energy  
Donna Pratt, New York ISO  
Phil Precht, Baltimore Gas and Electric  
William (Bill) Prindle, ICF International  
Karen Radosevich, Entergy  
Denise Rager, NAESB  
Abraham Raher, Efficiency Valuation Organization  
Mary Ann Ralls, National Rural Electric Cooperative Association  
Stacey Rantala, National Energy Marketers Association  
Judy W. Ray, Alabama Power Company  
Jeff Reed, Oncor Electric Delivery  
Rob Rice, Dominion Virginia Power  
Anne B. Rhoades, Dominion Resources  
Cassandra Robinson, Allegheny Power  
Jennifer Robinson, Electric Power Research Institute  
Mike Robinson, Midwest ISO  
Thomas Rone, Allegheny Power  
Marvin Rosenberg, Independent  
Steven Rosenstock, Edison Electric Institute  
Lisa Rosi, New York State Dept. of Public Service  
Ron Russell, University of Texas MD Anderson Cancer Center  
Bob Rowe, Balhoff & Rowe, LLC  
Ilze Rukis, Integrys Energy Group  
Britney Ryder,  
Bruce Sailors, Duke Energy  
Robert Sallee, Climate Master  
Steve Schiller, International Program Measurement and Verification Protocol (IPMVP)  
Bob Schwermann, Sacramento Municipal Utility District  
Dave Scott, Northeast Utilities  
John Scricca, Northeast Utilities  
Robbie Sears, Vectren  
Richard Sedano, The Regulatory Assistance Project  
Phillip Shafeei, New York ISO  
Howard H. Shafferman, Ballard Spahr Andrews & Ingersoll, LLP  
Lisa Shea, NSTAR Electric & Gas  
John Shelk, Electric Power Supply Association  
Ed Skiba, Midwest ISO  
Terry Sick, EnerNOC  
Paul N. Smolen, Fox, Smolen & Associates  
Grace Soderberg, Edison Electric Institute  
Kurt Sontag, PECO Energy  
Julia Souder, North American Electric Reliability Corporation  
Rob Southern, EnerNOC  
Richard Spellman, GDS Associates, Inc.  
Pamela Sporborg, Bonneville Power Administration  
Grey Staples, Mendota Group, LLC  
Lee Stewart, Southern California Gas Company

Pam Stonier, Vermont Public Service Board  
Tim Stout, National Grid  
Mary Straub, Baltimore Gas & Electric  
Marc Tannenbaum, Evergreen Software Inc.  
Jim Templeton, Comprehensive Energy Services  
Charles Thomas, Progress Energy Florida  
Veronica Thomason, NAESB  
Mary Beth Tighe, Federal Energy Regulatory  
Commission  
Elizabeth Titus, Northeast Energy Efficiency  
Partnerships, Inc.  
Roy True, ACES Power Marketing  
Dean Ulch, Southern Company  
Gregory M. Urbin, Constellation NewEnergy  
Teri Van Sumeren, Consumers Energy  
Shannon Venable, Dominion  
Daniel Violette, Summit Blue Consulting  
Carrie Voss, Tennessee Valley Authority  
Daniel Waintroob, KEMA Services  
Sandra Waldstein, Federal Energy Regulatory  
Commission  
Mack Wallace, TXU Energy  
Richard Walker, MidAmerican Energy Company  
Kent Walter, Arizona Public Service  
Alicia Ward, Midwest Energy Efficiency Alliance  
Scott Wardle, Occidental Chemical  
Paul Wattles, Electric Reliability Council of Texas  
The Honorable Jon Wellinghoff, Commissioner,  
Federal Energy Regulatory Commission  
Karen Wei, The Structure Group  
Andre Wellington, Con Edison  
Mike Wells, Western Electricity Coordinating  
Council  
Rebecca Wentler, Otter Tail Power Company  
Mark Westendorf, Midwest ISO  
Lou Ann Westerfield, Idaho Public Utility  
Commission  
Carol White, National Grid  
Mark R. Williamson, DTE Energy  
James Wilson, MidAmerican Energy Company  
Jamie Wimberly, Distributed Energy Financial Group  
LOC  
Eric Winkler, ISO New England Inc.  
Jason J. Wojciechowicz, Allegheny Power  
William Wolf, Baltimore Gas and Electric  
Vikki Wood, Sacramento Municipal Utility District

Damon Xenopoulos, Brickfield, Burchette, Ritts &  
Stone, PC  
Voitech Yaroshevich, Public Utility Commission of  
Texas  
Walt Yeager, Duke Energy Americas, LLC  
Nelson Yip, Con Edison  
Kathy York, Tennessee Valley Authority  
Henry Yoshimura, ISO New England Inc.  
Jay Zarnikau, Frontier Associates  
Richard Zelenko, Dominion Retail Inc.  
Li Zhang, Midwest ISO  
Marija Zivanovic Smith, Gridpoint

Appendix B – DSM-EE Subcommittee Meeting Minutes Links			
Date of Meeting	Meeting Location	Meeting Minutes	Number of Participants
July 26, 2007	DSM-EE Meeting, Washington, DC Hosted by the American Gas Association	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee072607fm.doc">http://www.naesb.org/pdf3/dsmee072607fm.doc</a>	53
September 25, 2007	DSM-EE Meeting, Austin, TX Hosted by ERCOT	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee092507fm.doc">http://www.naesb.org/pdf3/dsmee092507fm.doc</a>	54
November 20, 2007	DSM-EE Group 1, Preamble, Working Session, Conference Call with Web Conferencing	Meeting Notes: <a href="http://www.naesb.org/pdf3/dsmee112707mn.doc">http://www.naesb.org/pdf3/dsmee112707mn.doc</a>	99
November 20, 2007	DSM-EE Group 3, Wholesale Electric, Working Session, Conference Call with Web Conferencing	Meeting Notes: <a href="http://www.naesb.org/pdf3/dsmee112007mn.doc">http://www.naesb.org/pdf3/dsmee112007mn.doc</a>	72
November 26, 2007	DSM-EE Group 4, Glossary, Working Session, Conference Call with Web Conferencing	Meeting Notes: <a href="http://www.naesb.org/pdf3/dsmee112607mn.doc">http://www.naesb.org/pdf3/dsmee112607mn.doc</a>	100
November 30, 2007	DSM-EE Meeting, Richmond, VA Hosted by Dominion	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee113007fm.doc">http://www.naesb.org/pdf3/dsmee113007fm.doc</a>	65
December 17, 2007	DSM-EE Group 4, Glossary, Working Session, Conference Call with Web Conferencing	Meeting Notes: <a href="http://www.naesb.org/pdf3/dsmee121707mn.doc">http://www.naesb.org/pdf3/dsmee121707mn.doc</a>	89
January 17, 2008	DSM-EE Group 1, Preamble, Working Session, Conference Call with Web Conferencing	Meeting Notes: <a href="http://www.naesb.org/pdf3/dsmee_group1_011708mn.doc">http://www.naesb.org/pdf3/dsmee_group1_011708mn.doc</a>	50
January 21, 2008	DSM-EE Group 4, Glossary, Working Session, Conference Call with Web Conferencing	Meeting Notes: <a href="http://www.naesb.org/pdf3/dsmee_group4_012108mn.doc">http://www.naesb.org/pdf3/dsmee_group4_012108mn.doc</a>	43
January 23, 2008	DSM-EE Meeting, Baltimore, MD Hosted by Baltimore Gas and Electric	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee012308fm.doc">http://www.naesb.org/pdf3/dsmee012308fm.doc</a>	36
March 28, 2008	DSM-EE Meeting, Houston, TX Hosted by NAESB Office	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee032808fm.doc">http://www.naesb.org/pdf3/dsmee032808fm.doc</a>	56
May 30, 2008	DSM-EE Meeting, Houston, TX Hosted by NAESB Office	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee053008fm.doc">http://www.naesb.org/pdf3/dsmee053008fm.doc</a>	30
July 30, 2008	DSM-EE Meeting, Houston, TX Hosted by NAESB Office	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee073008fm.doc">http://www.naesb.org/pdf3/dsmee073008fm.doc</a>	41
August 21, 2008	DSM-EE Group 1, Preamble, Working Session, Conference Call with Web Conferencing	Meeting Minutes: <a href="http://www.naesb.org/pdf3/dsmee_glossary_preamble_082108mn.doc">http://www.naesb.org/pdf3/dsmee_glossary_preamble_082108mn.doc</a>	23
October 3, 2008	DSM-EE Meeting, Austin, TX	Meeting Minutes:	22



Appendix B – DSM-EE Subcommittee Meeting Minutes Links			
Date of Meeting	Meeting Location	Meeting Minutes	Number of Participants
	Hosted by ERCOT	<a href="http://www.naesb.org/pdf4/dsmee100308fm.doc">http://www.naesb.org/pdf4/dsmee100308fm.doc</a> Attachment to Minutes: <a href="http://www.naesb.org/pdf3/dsmee100308a1.doc">http://www.naesb.org/pdf3/dsmee100308a1.doc</a>	
December 2, 2008	DSM-EE Meeting, Birmingham, AL Hosted by Alabama Power	Meeting Minutes: Attachment to the Minutes: <a href="http://www.naesb.org/pdf4/dsmee120208a2.doc">http://www.naesb.org/pdf4/dsmee120208a2.doc</a> <a href="http://www.naesb.org/pdf4/dsmee120208a1.doc">http://www.naesb.org/pdf4/dsmee120208a1.doc</a> <a href="http://www.naesb.org/pdf4/dsmee120208a3.doc">http://www.naesb.org/pdf4/dsmee120208a3.doc</a>	52

Appendix C – Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts			
Date	Link to EC Minutes and Voting Records	Link to Comments	Availability of Transcripts <sup>12</sup>
May 8-10, 2007	NAESB Executive Committee Meetings, Washington, DC WEQ EC Minutes: <a href="http://naesb.org/pdf2/weq_ec050807fm.doc">http://naesb.org/pdf2/weq_ec050807fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Ace Federal Reporters - 202-347-3700
August 14, 2007	NAESB Executive Committee Meetings, Colorado Springs, CO WEQ EC Minutes: <a href="http://www.naesb.org/pdf3/weq_ec081407fm.doc">http://www.naesb.org/pdf3/weq_ec081407fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Court Reporter's Clearinghouse - 713-626-2629
November 6-8, 2007	NAESB Executive Committee Meetings, Houston, TX WEQ EC Minutes: <a href="http://naesb.org/pdf3/weq_ec110607fm.doc">http://naesb.org/pdf3/weq_ec110607fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Preferred Legal - 800-405-4056
February 4, 2008	NAESB Executive Committee Meetings, Houston, TX WEQ EC Minutes: <a href="http://www.naesb.org/pdf3/weq_ec020408fm.doc">http://www.naesb.org/pdf3/weq_ec020408fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Preferred Legal – 800-405-4056
May 13, 2008	NAESB Executive Committee Meetings, Washington, DC WEQ EC Minutes: <a href="http://www.naesb.org/pdf3/weq_ec051308fm.doc">http://www.naesb.org/pdf3/weq_ec051308fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Ace Federal Reporters - 202-347-3700
August 19, 2008	NAESB Executive Committee Meetings, Colorado Springs, CO WEQ EC Minutes: <a href="http://www.naesb.org/pdf4/weq_ec081908fm.doc">http://www.naesb.org/pdf4/weq_ec081908fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Jill Webb, CSR – 281-853-6807
November 4, 2008	NAESB Executive Committee Meetings, Glen Allen, VA WEQ EC Minutes: <a href="http://www.naesb.org/pdf4/weq_ec110408fm.doc">http://www.naesb.org/pdf4/weq_ec110408fm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Preferred Legal – 800-405-4056
January 14, 2009	WEQ Executive Committee Single Topic Review Session WEQ EC Minutes:	No comments requested or provided related to the WEQ DR standards.	No transcripts provided for review sessions.
February 3, 2009	WEQ Executive Committee Meetings, Phoenix, AZ WEQ EC Minutes: <a href="http://www.naesb.org/pdf4/weq_ec020309dm.doc">http://www.naesb.org/pdf4/weq_ec020309dm.doc</a>	No comments requested or provided related to the WEQ DR standards.	Preferred Legal – 800-405-4056
December 4, 2008	Request for Comments Due January 12, 2009: <a href="http://www.naesb.org/pdf4/weq_2008_api_5a_rec.doc">http://www.naesb.org/pdf4/weq_2008_api_5a_rec.doc</a>	NAESB Standards Review Subcommittee: <a href="http://www.naesb.org/pdf4/weq_120408_srs.doc">http://www.naesb.org/pdf4/weq_120408_srs.doc</a> EnerNOC: <a href="http://www.naesb.org/pdf4/weq_120408_enernoc.pdf">http://www.naesb.org/pdf4/weq_120408_enernoc.pdf</a> IRC SRC: <a href="http://www.naesb.org/pdf4/weq_120408_src.doc">http://www.naesb.org/pdf4/weq_120408_src.doc</a> Attachment to IRC SRC Comments:	No transcripts provided as this was not a meeting – it was a request for comments.

<sup>12</sup> The Federal Energy Regulatory Commission and other regulatory agencies may contact NAESB office to obtain electronic copies of the transcripts. All others can contact the transcription service and order the transcripts for a nominal fee.

Appendix C – Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts			
Date	Link to EC Minutes and Voting Records	Link to Comments	Availability of Transcripts <sup>12</sup>
		<a href="http://www.naesb.org/pdf4/weq_120408_src_attachment.doc">http://www.naesb.org/pdf4/weq_120408_src_attachment.doc</a> EVO: <a href="http://www.naesb.org/pdf4/weq_120408_evo.pdf">http://www.naesb.org/pdf4/weq_120408_evo.pdf</a> ELCON: <a href="http://www.naesb.org/pdf4/weq_120408_elcon.doc">http://www.naesb.org/pdf4/weq_120408_elcon.doc</a> Entergy: <a href="http://www.naesb.org/pdf4/weq_120408_entergy.doc">http://www.naesb.org/pdf4/weq_120408_entergy.doc</a> Attachment A to Entergy Comments: <a href="http://www.naesb.org/pdf4/weq_120408_entergy_A.doc">http://www.naesb.org/pdf4/weq_120408_entergy_A.doc</a> Attachment B to Entergy Comments: <a href="http://www.naesb.org/pdf4/weq_120408_entergy_B.doc">http://www.naesb.org/pdf4/weq_120408_entergy_B.doc</a> Con Edison: <a href="http://www.naesb.org/pdf4/weq_120408_conedison.doc">http://www.naesb.org/pdf4/weq_120408_conedison.doc</a> Southern Company Transmission: <a href="http://www.naesb.org/pdf4/weq_120408_southernco.pdf">http://www.naesb.org/pdf4/weq_120408_southernco.pdf</a> NYS Department of Public Service: <a href="http://www.naesb.org/pdf4/weq_120408_nys_psc.doc">http://www.naesb.org/pdf4/weq_120408_nys_psc.doc</a> Energy Curtailment Specialist, Inc.: <a href="http://www.naesb.org/pdf4/weq_120408_energy_csi.pdf">http://www.naesb.org/pdf4/weq_120408_energy_csi.pdf</a> National Rural Electric Cooperative Association: <a href="http://www.naesb.org/pdf4/weq_120408_nreca.pdf">http://www.naesb.org/pdf4/weq_120408_nreca.pdf</a>	
January 27, 2009	WEQ Executive Committee Meeting WEQ EC Minutes: Attachment to the Minutes:	NAESB Standards Review Subcommittee: <a href="http://www.naesb.org/pdf4/weq_ec012709w1.doc">http://www.naesb.org/pdf4/weq_ec012709w1.doc</a> EnerNOC: <a href="http://www.naesb.org/pdf4/weq_ec012709w2.pdf">http://www.naesb.org/pdf4/weq_ec012709w2.pdf</a>	Jill Webb, CSR – 281-853-6807

Appendix C – Executive Committee Meeting Minutes, Comments, Voting Records Links and Availability of Transcripts			
Date	Link to EC Minutes and Voting Records	Link to Comments	Availability of Transcripts <sup>12</sup>
	<p>Recommendation: <a href="http://www.naesb.org/pdf4/weq_ec012709a2.doc">http://www.naesb.org/pdf4/weq_ec012709a2.doc</a></p> <p>Recommendation (redlined):  <a href="http://www.naesb.org/pdf4/weq_ec012709a1.doc">http://www.naesb.org/pdf4/weq_ec012709a1.doc</a></p> <p>Meeting Motions: <a href="http://www.naesb.org/pdf4/weq_ec012709a3.doc">http://www.naesb.org/pdf4/weq_ec012709a3.doc</a></p> <p>Notational Ballot:  <a href="http://www.naesb.org/pdf4/weq_ec012709ballot.doc">http://www.naesb.org/pdf4/weq_ec012709ballot.doc</a></p> <p>WEQ EC Voting Record:</p>	<p>IRC SRC:  <a href="http://www.naesb.org/pdf4/weq_ec012709w3.doc">http://www.naesb.org/pdf4/weq_ec012709w3.doc</a></p> <p>Attachment to IRC SRC Comments:  <a href="http://www.naesb.org/pdf4/weq_ec012709w4.doc">http://www.naesb.org/pdf4/weq_ec012709w4.doc</a></p> <p>EVO:  <a href="http://www.naesb.org/pdf4/weq_ec012709w5.pdf">http://www.naesb.org/pdf4/weq_ec012709w5.pdf</a></p> <p>ELCON:  <a href="http://www.naesb.org/pdf4/weq_ec012709w6.doc">http://www.naesb.org/pdf4/weq_ec012709w6.doc</a></p> <p>Entergy:  <a href="http://www.naesb.org/pdf4/weq_ec012709w7.doc">http://www.naesb.org/pdf4/weq_ec012709w7.doc</a></p> <p>Attachment A to Entergy Comments:  <a href="http://www.naesb.org/pdf4/weq_ec012709w8.doc">http://www.naesb.org/pdf4/weq_ec012709w8.doc</a></p> <p>Attachment B to Entergy Comments:  <a href="http://www.naesb.org/pdf4/weq_ec012709w9.doc">http://www.naesb.org/pdf4/weq_ec012709w9.doc</a></p> <p>Con Edison:  <a href="http://www.naesb.org/pdf4/weq_ec012709w10.doc">http://www.naesb.org/pdf4/weq_ec012709w10.doc</a></p> <p>Southern Company Transmission:  <a href="http://www.naesb.org/pdf4/weq_ec012709w11.pdf">http://www.naesb.org/pdf4/weq_ec012709w11.pdf</a></p> <p>NYS Dept. of Public Service:  <a href="http://www.naesb.org/pdf4/weq_ec012709w12.doc">http://www.naesb.org/pdf4/weq_ec012709w12.doc</a></p> <p>Energy Curtailment Specialists, Inc.:  <a href="http://www.naesb.org/pdf4/weq_ec012709w13.pdf">http://www.naesb.org/pdf4/weq_ec012709w13.pdf</a></p> <p>National Rural Electric Cooperative Association:  <a href="http://www.naesb.org/pdf4/weq_ec012709w14.pdf">http://www.naesb.org/pdf4/weq_ec012709w14.pdf</a></p> <p>Southern Company:  <a href="http://www.naesb.org/pdf4/weq_ec012709ballot_southern.pdf">http://www.naesb.org/pdf4/weq_ec012709ballot_southern.pdf</a></p>	

Appendix D – Ratification Ballots and Results Links			
Date of Ratification	Ratification Ballot	Results	Final Actions
March 16, 2009	<p>Ratification Ballot Due March 16, 2009:  <a href="http://www.naesb.org/member_login_check.asp?doc=weq_rat021209ballot.doc">http://www.naesb.org/member_login_check.asp?doc=weq_rat021209ballot.doc</a></p> <p>Recommendation: 2008 WEQ Annual Plan Item 5(a) - Review and develop business practice standards to support DR and DSM-EE programs. Revised and approved by the WEQ EC on February 10, 2009 (clean):  <a href="http://www.naesb.org/member_login_check.asp?doc=weq_rat021209_weq_2008_api5a_rec_clean.doc">http://www.naesb.org/member_login_check.asp?doc=weq_rat021209_weq_2008_api5a_rec_clean.doc</a></p> <p>Recommendation: 2008 WEQ Annual Plan Item 5(a) - Review and develop business practice standards to support DR and DSM-EE programs. Revised and approved by the WEQ EC on February 10, 2009 (redline):  <a href="http://www.naesb.org/member_login_check.asp?doc=weq_rat021209_weq_2008_api5a_rec_redline.doc">http://www.naesb.org/member_login_check.asp?doc=weq_rat021209_weq_2008_api5a_rec_redline.doc</a></p>	<p>Ratification Tally:  <a href="http://www.naesb.org/member_login_check.asp?doc=rat_weq031609tally.xls">http://www.naesb.org/member_login_check.asp?doc=rat_weq031609tally.xls</a></p> <p>Comments submitted by EnerNOC:  <a href="http://www.naesb.org/pdf4/weq_rat031609_enernoc.doc">http://www.naesb.org/pdf4/weq_rat031609_enernoc.doc</a></p>	<p>2008 WEQ Annual Plan Item 5(a)            Final Action: Review and develop business practice standards to support DR and DSM-EE programs:  <a href="http://www.naesb.org/member_login_check.asp?doc=fa_weq_2008_api5a.doc">http://www.naesb.org/member_login_check.asp?doc=fa_weq_2008_api5a.doc</a></p>

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>1 Develop business practices standards as needed to complement reliability standards</b>		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Make version 2 changes to business practices as requested.		
i) Make changes to business practices as related to inclusion of the NERC Reliability Functional Model functional model entities as NERC undertakes the same efforts.  Status: No requests	As requested	BPS
ii) Continuous support of TLR Procedure in alignment with NERC efforts on TLR Phase II and Phase III which would be included in version 2 development. <sup>3</sup>  Status: Complete  The “Continuous Support of TLR Procedure in Alignment with NERC Efforts on Phase II and Phase III” recommendation was approved by the BPS to post for the formal comment period. For 2009 specific items for TLR coordination with NERC will be added as needed.	3 <sup>rd</sup> Q, 2008	BPS <sup>4</sup>
b) Develop business practices to support Coordinate Interchange – <a href="#">R05020</a> “Include a guideline for rounding schedules with partial mWh's in the coordinate interchange business practice WEQ BPS-002-000”  Status: Underway		
c) Operate Within Limits (R03017) as coordinated with the NERC schedule on the same development for reliability standards		
i) Review the need to develop business practice standards to support Operate Within Limits (R03017)  Status: Completed	1 <sup>st</sup> Q, 2008	SRS
ii) Develop business practice standards to support Operate Within Limits (R03017)  Status: Completed  No standards are needed at this time	2 <sup>nd</sup> Q, 2008	BPS

End Notes WEQ 2008 Annual Plan:

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>2</sup> The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

<sup>3</sup> For additional information, please see: [http://www.naesb.org/pdf3/weq\\_bps100407w4.ppt](http://www.naesb.org/pdf3/weq_bps100407w4.ppt) for Phase II changes and [http://www.naesb.org/pdf2/weq\\_bps070907w4.doc](http://www.naesb.org/pdf2/weq_bps070907w4.doc) for Phase III changes.

<sup>4</sup> [Joint Development Procedure](#) is to be used by the NERC TLR Drafting Team and NAESB BPS.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<p>d) Prepare recommendations for future path for TLR in concert with NERC, which may include alternative congestion management procedures<sup>5</sup></p> <p>Status: Underway</p>	2009	BPS <sup>6</sup>
<p>e) Conduct analysis as to whether standards can be developed which outline a standardized process for the coordination and execution of emergency energy schedules. These would be complementary standards to EOP-002-2 Requirements R4 and R6 (<a href="#">SRS Analysis of EOP-002-2 R4 &amp; R6</a>)</p> <p>Status: Not Started</p>	1 <sup>st</sup> Q, 2009	JISWG
<p>f) Review Market System Back-Up existing language and review of existing back-up language</p> <p>Status: Completed</p> <p>Per the guidance from the WEQ Executive Committee after presenting the <a href="#">Request for Executive Committee Guidance on WEQ 2008 Provisional Item 5</a> the SRS developed and approved a “no action” recommendation to close out this annual plan item</p>	4 <sup>th</sup> Q, 2008	SRS
<p>g) Provide complementary business practice standards to support Coordinate Operations Standards Authorization Request assigned to NERC (<a href="#">R03014</a>)</p> <p>Status: Completed</p> <p>Based on the SRS review of related documents and EC updates to the WEQ Annual Plan in May 2004 where R03014 was noted as completed the SRS approved a “no action” recommendation to close out this standards request.</p>	3 <sup>rd</sup> Q, 2008	SRS
<p><b>2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)</b></p>		
<p>a) Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Such business practice standards would be based on recommendations from NERC's Long Term ATC/AFC Task Force and would involve revised procedures for the ATC calculation and/or revised protocols as determined by the final order.</p> <p>Status: Underway</p> <p>Development is using joint standards development process with NERC. Request R050004 was expanded to include the Order No. 890 (<a href="#">Docket Nos. RM05-25-000 and RM05-17-000</a>) and Order No. 890-A (<a href="#">Docket Nos. RM05-17-001, 002 and RM05-25-001, 002</a>), “Preventing Undue Discrimination and Preference in Transmission Services”, issued April 11, 2007).</p>		
<p>i) Group 1: Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority</p> <p>1. Conditional Firm, Annotations For ATC; Load Forecast And Actual Load; Re-Bid Of Partial Service; And Preconfirmation Priority S&amp;CP Requirements</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	4 <sup>th</sup> Q, 2007	ESS/ITS

<sup>5</sup> For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item: [http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

<sup>6</sup> Joint Development Procedure is to be used by the NERC TLR Drafting Team and NAESB BPS.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

	<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
2.	<p>Conditional Firm Business Practice Standards associated with S&amp;CP Requirements completed in 2(a)(i)(1)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	3 <sup>rd</sup> Q, 2008	ESS/ITS
3.	<p>Annotations For ATC Business Practice Standards associated with S&amp;CP Requirements completed in 2(a)(i)(1)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	BPS, ESS/ITS
4.	<p>Load Forecast And Actual Load Business Practice Standards associated with S&amp;CP Requirements completed in 2(a)(i)(1)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	BPS, ESS/ITS
5.	<p>Re-Bid Of Partial Service Business Practice Standards on a Single Transmission Provider's System associated with S&amp;CP Requirements completed in 2(a)(i)(1)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	ESS/ITS
6.	<p>Preconfirmation Priority Business Practice Standards associated with S&amp;CP Requirements completed in 2(a)(i)(1)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	ESS/ITS
7.	<p>OASIS Exemptions Appendix</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	4 <sup>th</sup> Q, 2007	ESS/ITS
ii)	Group 2: Metrics; Redispatch Cost Posting		
1.	<p>Metrics Related to Provision of Transmission Service (Paragraph 413 of Order 890)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	ESS/ITS
2.	<p>Metrics Related to Performance of Transmission Studies (Paragraphs 1308 through 1317 of Order 890)</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	ESS/ITS



**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

	<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
	3. Redispatch Cost Posting <ul style="list-style-type: none"> <li>• Monthly average cost of redispatch</li> <li>• A high and low redispatch for the month</li> </ul> Status: Completed  Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1 <sup>st</sup> Q, 2008	ESS/ITS
iii)	Group 3: Network Service On OASIS		
	1. Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	2. Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	3. Masking of Designated Network Resource Operating Restrictions and Generating Cost Information  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	4. Procedural Requirements for Submitting Designations over new OASIS Functionality  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	5. Specify How Designated Network Service Informational Postings are Posted on OASIS  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	6. Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	7. Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
	8. Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
iv)	Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
	1. Pre-Emption  Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
	2. Request No. R05019  Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
3. Revisions to Standard 9.7 Status: Underway This item also addresses work in 2006 WEQ AP 3a(x).	2009	EC Task Force
4. Posting of Existing Transmission Commitments (ETC) (moved from Group 1) Status: Completed Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2 <sup>nd</sup> Q, 2008	BPS, ESS/ITS
v) Group 5: Paragraph 1377		
1. Paragraph 1377 Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
2. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
vi) Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
1. Paragraph 1390 of Order 890 Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
2. Paragraphs 1627 of Order 890 Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
3. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
4. Posting of <b>Existing Transmission Commitments (ETC)</b> (moved from Group 1) Status: Completed Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2 <sup>nd</sup> Q, 2008	ESS/ITS
vii) Group 7: Tagging for Conditional Firm Service		
1. Tagging for Conditional Firm Service Status: Completed Published Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2 <sup>nd</sup> Q, 2008	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts. <sup>7</sup>		
i) Develop standards to support existing Request No. <a href="#">R05004</a> .		

<sup>7</sup> The June 1, 2008 dates included in this Annual Plan Item are assigned as a result of FERC extending deadlines to both NERC and NAESB on ATC related Order No. 890 items.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<p>1. The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 where the allocation of flowgate capability based on historical Network Native Load impacts the evaluation of transmission service requests, requiring the posting of those allocation values in conjunction with queries of service offerings on OASIS</p> <p>Status: Underway</p>	1 <sup>st</sup> Q, 2009	ESS/ITS
<p>2. Remaining requirements documented in R05004 and R05004A.</p> <p>Status: Completed</p>	3 <sup>rd</sup> Q, 2008	BPS, ESS/ITS
<p>ii) <b>Develop Business Practice Standards for Existing Transmission Commitments (ETC)</b></p>		
<p>1. Develop the Business Practice Standards complementary to NERC Reliability Standards for <b>Existing Transmission Commitments (ETC)</b> to create a “consistent approach for determining the amount of transfer capability a transmission provider may set aside for its native load and other committed uses”, including the elements of ETC for full implementation of the NERC MOD-001 reliability standard.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	2 <sup>nd</sup> Q, 2008	BPS, ESS/ITS
<p>2. Business practice standards for accounting for counterflows. These standards will be included in the ATC business practice standards.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	June 1, 2008	BPS ESS/ITS
<p>iii) <b>Capacity Benefit Margin (CBM) Business Practices</b></p>		
<p>1. Determine if business practice standards are needed, and if so, develop them to set forth “how the CBM value shall be determined, allocated across transmission paths, and used” and how transmission providers will “reflect the set-aside of transfer capability as CBM in the development of the rate for point-to-point transmission service.”</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>The NAESB subcommittees have determined the CBM requirements have been documented in the NERC MOD-004 to address this item, so no further action is required by NAESB. Please note that when the related NERC reliability standards are adopted, the subcommittee leadership will review to determine if additional action by NAESB is needed.</p>	3 <sup>rd</sup> Q, 2008	BPS, ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<p>2. Business practice standards that include an OASIS mechanism to “allow for auditing of CBM usage.”</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p>	3 <sup>rd</sup> Q, 2008	BPS, ESS/ITS
<p>3. Any additional business practice standards needed to complement the NERC CBM reliability standards (MOD004) created as a result of this effort.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p>	3 <sup>rd</sup> Q, 2008	BPS, ESS/ITS
<p>iv) <b>Transmission Reliability Margin Business Practices:</b></p>		
<p>1. Transmission Reliability Margin (TRM): Business Practice Standards to complement the NERC reliability standards for TRM.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>The NAESB subcommittees have determined TRM requirements have been documented in previously submitted recommendations, so no further action is required by NAESB.</p>	April 8, 2008	BPS, ESS/ITS
<p>2. The business practice standards will include specification of the appropriate uses of TRM and when transmission providers may set aside TRM.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: Completed</p> <p>The NAESB subcommittees have determined TRM requirements have been documented in previously submitted recommendations, so no further action is required by NAESB.</p>	April 8, 2008	BPS, ESS/ITS
<p>3. Any additional business practice standards needed to complement the NERC TRM reliability standards (MOD008) created as a result of this effort.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>The NAESB subcommittees have determined TRM requirements have been documented in previously submitted recommendations, so no further action is required by NAESB.</p>	April 8, 2008	BPS, ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
v) Business Practice Standards for ATC and AFC Calculation Methodologies to complement the NERC reliability standards created for ATC and AFC Methodologies (NERC MOD001 (Available Transfer Capability); NERC MOD028 (Network Response Available Transfer Capability); NERC MOD029 (Rated System Path Available Transfer Capability); and NERC MOD030 (Flowgate Network Response Available Transfer Capability)):		
<p>1. Business practice standards to address the frequency and posting requirements for all ATC components that are complementary to the related NERC reliability standards.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>The subcommittee determined no additional standards are required from what is already documented in the "<a href="#">ATC Information Link (2008 Annual Plan 2.b.vii)</a>" recommendation and what is required for ATC postings under the previously ratified recommendation "<a href="#">Modifications to WEQ-001 to comply with modifications to 18 C.F.R. 37.6 and 37.7 within Order 890 with Minor Corrections applied on February 27, 2008.</a>"</p>	April 23, 2008	BPS/ESS/ITS
<p>2. Business practice standards for data exchange for ATC modeling complementary to the related NERC reliability standards including any OASIS posting requirements to achieve the data exchange.</p> <p>The business practices developed to address this item will require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>The NAESB subcommittees have determined the data exchange requirements have already been documented in the NERC standards, so no further action is required by NAESB.</p>	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS
<p>3. Business practice standards that will set forth how transmission providers will post "explanations of the reason for a change in monthly and yearly ATC values on a constrained path." The standards will include a requirement that that the transmission provider posts the reason for the change in a narrative form. The posted information will include "the (1) specific events which gave rise to the change and (2) new values for ATC on that path (as opposed to all points on the network)."</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS
<p>4. Business practice standards for posting on OASIS of the "underlying load forecast assumptions for all ATC calculations".</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<p>5. Business practice standards for posting on OASIS of the “actual daily peak load for the prior day.”</p> <p>The business practices developed to address this item will <u>not</u> require to coordination with the NERC Order 890 reliability standards development</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	BPS/ESS/ITS
<p>vi) Business practice standards to complement NERC reliability standards for Transfer Capability in response to new NERC Supplemental SAR: Revisions to Existing Standards MOD001-MOD009, FAC12-13</p> <p>This item was added as a result of the Supplemental SAR NERC created in case additional business practices are needed as a result of the work on this SAR by NERC. It does not have a cite in Order 890. This item will require coordination with the NERC Order 890 reliability standards development.</p> <p>Status: Completed</p>	May 1, 2008	BPS, ESS/ITS
<p>vii) Business practice standards to set forth the procedure for input on TTC and ATC methodologies and values. (During the Order 890 NERC and NAESB joint standards development effort, it was determined that the standards contained in MOD003 should be business practice standards instead of reliability standards. NERC has requested that NAESB adopt the standards as business practices via correspondence to Ms. McQuade, NAESB President.)</p> <p>This item will require coordination with the NERC Order 890 reliability standards development because the language to address this item is contained within a draft standards that addresses items that are dependent on NERC deliverables, i.e., the requirements to create an “ATC Information Link” on OASIS. There is no Order 890 cite for this item.</p> <p>Status: Completed</p> <p>Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.</p>	1 <sup>st</sup> Q, 2008	BPS, ESS/ITS
<p>c) Develop version 1 business practice standards to support transparency reporting and related functions that may be required as a result of the final order.</p> <p>Status: Completed</p> <p>The Executive Committee did not approve the recommendation submitted by the EC Task Force. Instead, they approved a “No Action” Recommendation for this annual plan item at their October 6, 2008 meeting</p>	3 <sup>rd</sup> Q 2008	EC Task Force
<p><b>3 Develop business practices standards to improve the current operation of the wholesale electricity market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b></p>		
<p>a) Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:</p>		
<p>i) Develop OASIS S&amp;CP changes to support OASIS business practices.</p> <p>Status: Completed</p> <p>Dependent on development of OASIS business practices</p>	3 <sup>rd</sup> Q 2008	ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

	<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
ii)	Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions ( <a href="#">R04006E</a> ). (Related to AP 2(a)(iii))  Status: Underway	1 <sup>st</sup> Q, 2009	ESS/ITS
iii)	Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC ( <a href="#">R04037</a> , <a href="#">R06027</a> ).  Status: Underway		
	1) Work with the NAESB counsel to develop a confidentiality agreement, ( <a href="#">R07013</a> )	2009	BPS
	2) Transition the TSIN Registry from NERC to NAESB.	2009	NAESB Staff
	3) Review and correct the Coordinate interchange Business Practice Standard as noted during the development of the e-Tag 1.8 development process.	3 <sup>rd</sup> Q, 2009	JISWG
v)	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff ( <a href="#">R05019</a> ).  Status: Not Started	3 <sup>rd</sup> Q, 2009	ESS/ITS
vi)	Make incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS ( <a href="#">R05026</a> ).  Scoping <a href="#">statement</a> completed by SRS and assignments made to BPS, ESS/ITS and JISWG.		
	1) Represent ALL pre-Order 888 (“grandfathered”) transmission and ancillary services in current use in OASIS  Status: Completed	3 <sup>rd</sup> Q, 2008	BPS, ESS/ITS
	2) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted  Status: Not Started	3 <sup>rd</sup> Q, 2009	ESS/ITS
	3) Initiate standard that requires ALL historical transmission service reservations to be available for review up to a number of years in the past.  Status: Completed	3 <sup>rd</sup> Q, 2008	ESS/ITS
	4) Initiate standard that eliminates the disparity of posting “sensitive” information. This standard should also include procedures of user certification that allows access to this class of information.  Status: Not Started	2009	ESS/ITS
	5) Enhance the TSR result postings to allow showing of (i) limiting transmission elements and (ii) available generation dispatch options that would allow acceptance of reservation request.  Status: Not Started	2009	ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

	<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
6)	Standardize the availability of TSR study result postings, eliminating practice of some Transmission Owners that charge for viewing these documents.  Status: Completed  This item was completed with Recommendation (2008 AP Item 2.a.i.5, 2008 AP Item 2.a.i.6, and 2008 AP Items 2.a.ii.1-3) WEQ-001 Changes for Rebid of Partial Service, Preconfirmation Priority, and Group 2: Metrics; Redispatch Cost Posting.	1 <sup>st</sup> Q, 2008	ESS/ITS
vii)	Respond to issues in FERC Order No. 676 (Docket No. RM05-5-000) – NAESB WEQ Standards 001 9.7, (paragraph 51 of the order).  Status: Underway  Item was assigned to group 4, reference 2007 WEQ AP item 2(a)(iv)(3).	2009	EC Task Force
b)	Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i)	Address the <a href="#">surety assessment findings</a> on NAESB PKI standards.  Status: Completed  Item will be provided as a response to the U.S. DoE upon completion by the WGQ for their response to the findings.	1 <sup>st</sup> Q, 2008	JISWG
ii)	Develop PKI standards for OASIS.  Status: Not Started	2009	ESS/ITS
iii)	Develop PKI Standards for e-tagging (Develop Implementation Plan).  Status: Underway  eTagging items are linked to the transition of the Registry from NERC to NAESB.	2 <sup>nd</sup> Q 2009	JISWG
iv)	Develop enhanced Electric Industry Registry (EIR), ( <a href="#">R06027</a> )  Status: Underway	2009	NAESB Staff
c)	Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers.  Status: Underway  Common code usage is linked to the transition of the Registry from NERC to NAESB.	2009	NAESB Staff with WEQ support
d)	Develop business practice standards in support of FERC Order 717  Status: Not Started	2 <sup>nd</sup> Q, 2009	ESS/ITS
<b>4</b>	<b>Review and develop business practices standards to support e-Tariff program</b>		
	Develop business practices as needed to support the e-Tariff program including submittal of tariffs and metadata. ( <a href="#">Docket No RM05-1-000</a> )  Status: Completed  Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	1 <sup>st</sup> Q, 2008	Joint WEQ/WGQ e-Tariff Subcommittee



**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>5 Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs</b>		
Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.		
a) Develop matrix and business practice standards for measurement and verification for demand response programs in ISO/RTO footprint areas. Status: Completed	4 <sup>th</sup> Q, 2008	Joint WEQ/Retail DSM-EE Subcommittee
b) Develop matrix and business practice standards for measurement and verification for demand response programs in non-ISO/RTO footprint areas. Status: Underway	TBD	Joint WEQ/Retail DSM-EE Subcommittee
c) Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs. Status: Underway	2009	Joint WEQ/Retail DSM-EE Subcommittee
d) Develop glossary for business practice standards Status: Underway	2009	Joint WEQ/Retail DSM-EE Subcommittee
e) Support retail development of matrix and model business practice standards for measurement and verification for demand response programs Status: Underway	2009	Joint WEQ/Retail DSM-EE Subcommittee
f) Develop business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard. Status: Not Started	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
g) Develop business practice standards to factor Demand Control and Energy Efficiency programs into reliability / supply decisions at the wholesale level for generation and transmission planning and operations. Status: Not Started	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
h) Develop business practice standards for cap and trade programs for green house gas Status: Not Started	Phase 2	Joint WEQ/Retail DSM-EE Subcommittee
<b>6 Maintain existing body of Version 1 standards</b>		
a) Review/revise WEQ 006 to remove/revise mandatory requirements for Interconnection Time Monitor (R07019) Status: Completed  Published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	2 <sup>nd</sup> Q, 2008	BPS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
b)	Develop a NAESB time and inadvertent management business practice that provides additional inadvertent payback options and improved time control (R07020)  Status: Complete	3 <sup>rd</sup> Q, 2008	BPS
c)	Make consistency changes to Version 1.0 standards as directed by the WEQ Leadership Committee on December 12, 2007 (R08001 – BPS, ESS/ITS, R08002 - ESS/ITS, R08003 - ESS/ITS - BPS, R08004, R08005 - ESS/ITS)		
	1) OASIS Consistency Changes (R08001, R08002, R08003, R08005)  Status: Not Started	2009	ESS/ITS
	2) Gas / Electric Communication Consistency Changes (R08004)  Status: Underway	2009	BPS
d)	Modify WEQ-001 to reflect in the definition of certain ancillary services that such ancillary services may be provided by non-generation resources such as demand resources. ( <a href="http://www.naesb.org/pdf3/weq_ec051308w2.doc">http://www.naesb.org/pdf3/weq_ec051308w2.doc</a> )  Status: Completed  To be published in Version 002, September 30, 2008 and forwarded to the FERC as part of the Version 002 filing, August 29, 2008.	July 2008	BPS, ESS/ITS
e)	Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary, ( <a href="http://www.naesb.org/pdf3/weq_ec051308w3.doc">http://www.naesb.org/pdf3/weq_ec051308w3.doc</a> )  Status: Underway  Subcommittee co-chairs are developing WEQ-000 Definition of Terms/Acronyms to replace definitions being included in each NAESB Business Practice.	1 <sup>st</sup> Q, 2009	BPS, SRS, ESS/ITS
f)	Review and evaluate whether to cutoff or put a size limit on the entities for which the standards apply  Status: Completed  After review of FERC Order 676, the subcommittee determined this annual plan item was outside of NAESB's scope. Waivers for standards based on an entity's size should be addressed by FERC rather than through standards at NAESB.	3 <sup>rd</sup> Q, 2008	SRS
g)	Investigate and review possible modifications to the WGQ Intraday Nominations, Confirmation Scheduling, and Gas Day standards, including possible standards for coordination of wholesale electric and wholesale gas scheduling. ( <a href="#">R03031</a> , <a href="#">R03031 revised</a> , <a href="#">Interim Report</a> , <a href="#">Final Report</a> )  Status: Completed  The subcommittee reviewed the standards request and documentation developed by the Gas Electric Coordination Task Force and determined no additional work was required. The subcommittee approved a "no action" recommendation to close out this standards request.	3 <sup>rd</sup> Q, 2008	SRS
h)	Develop standards to allow for registered Market Operators to request changes to the Market Level profile of Implemented Interchange ( <a href="#">R06006</a> )  Status: Underway  This request may be more of a clean-up in nature as it was requested in May 2006 but has not been addressed or presented as completed with the requisite documentation.	1 <sup>st</sup> Q 2009	JISWG

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on December 18, 2008**

	<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
i)	<p>Modify the timing chart for the Western Interconnection in WEQBPS-006 to an initiation of manual time error at +/-5 seconds. (<a href="#">R06010</a>)</p> <p>Status: Completed</p> <p>The BPS developed a No Action recommendation for this request since the scope of the request had been addressed through a minor correction in 3<sup>rd</sup> Quarter 2006.</p>	3 <sup>rd</sup> Q, 2008	BPS
j)	<p>Develop a standard mechanism to implement a “RECALL” of transmission capacity from an existing confirmed transmission service reservation/Specify the technical requirements for implementation of a new OASIS request type, RECALL. (<a href="#">R07001</a>)</p> <p>Status: Completed</p> <p>This request was originally assigned to the ESS/ITS in February 2007.</p>	3 <sup>rd</sup> Q, 2008	ESS/ITS
k)	<p>Clarify the S&amp;CP implementation of the DEFERRAL request. (<a href="#">R07003</a>)</p> <p>Status: Completed</p> <p>This request was originally assigned to the ESS/ITS in February 2007.</p>	3 <sup>rd</sup> Q, 2008	ESS/ITS
l)	<p>Develop business practice and technical standards for assigning, tracking, and limiting rollover rights. (<a href="#">R07004</a>)</p> <p>Status: Completed</p> <p>This Standards Request was assigned to the ESS/ITS in February 2007.</p>	3 <sup>rd</sup> Q, 2008	ESS/ITS
m)	<p>Update the Timing Table to Reflect the Categories (On-time, Late, After-the-fact, and Pre-late) used in the latest E-Tag Specification with respect to receipt of an Arranged Interchange (RFI). (<a href="#">R07007</a>)</p> <p>Status: Completed</p>	4 <sup>th</sup> Q, 2008	JISWG
n)	<p>Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the “System_Attribute” data element of the NAESB Standard WEQ-003: OASIS S&amp;CP Data Dictionaries. (<a href="#">R08011</a>)</p> <p>Status: Not Started</p> <p>This Standards Request was assigned to the ESS/ITS in May 2008.</p>	2009	ESS/ITS
o)	<p>Provide for Enhanced Granularity for Public Utilities in Identifying Critical Operational Flow Orders. (<a href="#">R08020</a>)</p> <p>Status: Not Started. This Standards Request was assigned to the BPS in August 2008.</p>	2009	BPS jointly with WGQ BPS

---

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2008 WEQ Annual Plan Approved by the Board of Directors on October 20, 2008**  
**Reviewed by Subcommittee, Working Group, and Task Force Co-Chairs as of November 14, 2008**

---

**PROVISIONAL ITEMS**

---

- 1      Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy and Inadvertent Interchange Data Standards BAL-006 revisions.  
  
Status: In review of the NERC development effort, [Balancing Authority Controls \(Project 2007-05\)](#), with Mr. Akens (TVA, NERC Drafting Team Leader) and Mr. Rodriguez (NERC Manager, Business Practice Coordination), it was determined that no changes would be required to NAESB standards. As such, NAESB leadership is not at this time determining if any development would be undertaken, which would then initiate a joint development effort. A [letter](#) to this effect was sent to NERC management. This assessment may however change as the NERC drafting team proceeds further in its development, so the provisional item remains on the 2008 WEQ Annual Plan.
  - 2      Develop business practice standards as requested by the regional and state advisory groups.
  - 3      Develop business practice standards as related to the Effectiveness Study of Competitive Wholesale Markets (Congressional Mandate), Electric Energy Market Competition Task Force, Docket No. [AD05-17-000](#), issued by the FERC on October 13, 2005.
  - 4      Develop and/or maintain business practice standards to support gas-electric interdependencies
    - Respond to requests as received that are related to Docket No. RM05-28-000.
    - Respond directives related to the conclusions of the NAESB reports submitted in FERC Order No. 698, Docket Nos. RM05-5-001 and RM96-1-027.
  - 5      Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket Nos. RM05-17-001, 002 and RM05-25-001, 002](#) - Paragraph 805).
  - 6      Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.
-

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>1 Develop business practices standards as needed to complement reliability standards</b>		
Develop business practice standards to support and complement NERC reliability standards, NERC policies and NERC standards authorization requests (SARs) using the NERC/NAESB Coordination Joint Standards Development Process as appropriate. Current NAESB activities underway to develop business practice standards that are supportive of this annual plan item are:		
a) Develop business practices to support Coordinate Interchange – <a href="#">R05020</a> “Include a guideline for rounding schedules with partial MWh’s in the coordinate interchange business practice WEQ BPS-002-000” the rounding standard recommendation  Status: Underway	3 <sup>rd</sup> Q, 2009	JISWG
b) Continuous support of TLR Procedure in alignment with NERC efforts on TLR Phase II and Phase III development.		
i) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection.  Note: Activity is dependent on NERC approval of SAR expected in 2 <sup>nd</sup> Q, 2009. Upon approval of the SAR and NAESB action on this item, consideration should be given to provisional item 4.  Status: Not Started	4 <sup>th</sup> Q, 2009	BPS
ii) Update WEQ-008 Appendix D to include the Market Flow Threshold Percentage recommended by NERC working group/task force  Status: Not Started (dependent on successful field test - expected Oct. 2009) Upon receipt of recommendation, completion date may be adjusted.	4 <sup>th</sup> Q, 2009	BPS
c) Conduct analysis as to whether standards can be developed which outline a standardized process for the coordination and execution of emergency energy schedules. These would be complementary standards to EOP-002-2 Requirements R4 and R6 ( <a href="#">SRS Analysis of EOP-002-2 R4 &amp; R6</a> )  Status: Completed and as a result item (3)(a)(viii) has been added to the plan	1 <sup>st</sup> Q, 2009	JISWG
d) Time Error and Inadvertent (BAL-004 and BAL-006) Coordination with NERC  Status: Not Started (Upon initiation of this item by NAESB, a completion date will be determined. The date of 2011 is based on a completion date provided in the NERC BAC project schedule which includes extensive field testing and diverse proposed TIMTF directions to be reconciled in subcommittee meetings.)	2011	TIMTF
e) DCS and AGC (BAL-002 and BAL-005) Coordination with NERC  Status Not Started (Upon initiation of this item by NAESB, a completion date will be determined. The date of 2011 is based on a completion date provided in the NERC BAC project schedule which includes extensive field testing and diverse proposed TIMTF directions to be reconciled in subcommittee meetings.)	2011	TIMTF

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee. The dates do not necessarily mean that the standards are fully staffed to be implementable by the industry, and/or ratified by membership. If one item is completed earlier than planned, another item can begin earlier and possibly complete earlier than planned. There are no begin dates on the plan.

<sup>2</sup> The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>2 Develop business practice standards in support of the FERC RM05-25-000 and RM05-17-000 (OATT Reform)</b>		
a) Develop version 2 business practice standards to better coordinate the use of the transmission system among neighboring transmission providers. Such business practice standards would be based on recommendations from NERC's Long Term ATC/AFC Task Force and would involve revised procedures for the ATC calculation and/or revised protocols as determined by the final order.		
Status: Underway		
Development is using joint standards development process with NERC. Request R050004 was expanded to include the Order No. 890 ( <a href="#">Docket Nos. RM05-25-000 and RM05-17-000</a> ) and Order No. 890-A ( <a href="#">Docket Nos. RM05-17-001, 002 and RM05-25-001, 002</a> ), "Preventing Undue Discrimination and Preference in Transmission Services", issued April 11, 2007).		
i) Group 3: Network Service On OASIS		
9. Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
10. Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
11. Masking of Designated Network Resource Operating Restrictions and Generating Cost Information	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
12. Procedural Requirements for Submitting Designations over new OASIS Functionality	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
13. Specify How Designated Network Service Informational Postings are Posted on OASIS	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
14. Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
15. Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		
16. Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations	3 <sup>rd</sup> Q, 2009	ESS/ITS
Status: Underway		

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
ii) Group 4: Pre-Emption; Request No. R05019; and Revisions to Standard 9.7		
5. Pre-Emption Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
6. Request No. R05019 Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
7. Modify WEQ-001-9.7 Rollover Rights for Redirect on a Firm Basis Status: Underway	2 <sup>nd</sup> Q, 2009	ESS/ITS
iii) Group 5: Paragraph 1377		
3. Paragraph 1377 Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
4. Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
iv) Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
5. Paragraph 1390 of Order 890 Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
6. Paragraphs 1627 of Order 890 Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
7. Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
b) Develop the needed business practices as companion to the NERC standards for ATC related efforts		
i) Develop standards to support existing Request No. <a href="#">R05004</a> .		
1. The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 where the allocation of flowgate capability based on historical Network Native Load impacts the evaluation of transmission service requests, requiring the posting of those allocation values in conjunction with queries of service offerings on OASIS Status: Underway	3 <sup>rd</sup> Q, 2009	ESS/ITS
<b>3 Develop business practices standards to improve the current operation of the wholesale electricity market and develop and maintain business practice and communication standards for OASIS and Electronic Scheduling</b>		
a) Develop and/or maintain business practice standards as needed for OASIS and electronic scheduling. Specific items to address include:		
i) Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions ( <a href="#">R04006E</a> ). (Related to AP 2(a)(iii)) Status: Underway	3 <sup>rd</sup> Q, 2009	ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
ii) Registry (TSIN): Determine and develop needed business practice standards to support the registry functions currently supported by NERC ( <a href="#">R04037</a> , <a href="#">R06027</a> ).		
1) Work with the NAESB counsel to develop a confidentiality agreement, ( <a href="#">R07013</a> ) Status: Underway	3 <sup>rd</sup> Q, 2009	JISWG
2) Transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR), ( <a href="#">R06027</a> ). Status: Underway	4 <sup>th</sup> Q, 2009	NAESB/NERC Administration, JISWG
iii) Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff ( <a href="#">R05019</a> ). Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
iv) Make remaining incremental enhancements to OASIS as an outgrowth of the NAESB March 29, 2005 conference on the future of OASIS ( <a href="#">R05026</a> ). Scoping <a href="#">statement</a> completed by SRS and assignments made to BPS and ESS/ITS.		
1) Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted Status: Not Started	4 <sup>th</sup> Q, 2009	ESS/ITS
2) Initiate standard that eliminates the disparity of posting "sensitive" information. This standard should also include procedures of user certification that allows access to this class of information. Status: Underway (upon further development of this item by NAESB, a completion date will be determined)	2010	ESS/ITS
3) Enhance the TSR result postings to allow showing of (i) limiting transmission elements and (ii) available generation dispatch options that would allow acceptance of reservation request. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2010	ESS/ITS
v) Develop, coordinate inoperability testing, and implement e-Tag version 1.8.1 Status: Underway	4 <sup>th</sup> Q, 2009	JISWG
vi) Transition e-Tag Specification and schema to NAESB Status: Complete Version 1.8.1 will be identified as the NAESB Electronic Tagging Functional Specification	1 <sup>st</sup> Q, 2009	JISWG
vii) Review and correct the WEQ-004 Coordinate interchange Business Practice Standard as noted during the development of the e-Tag 1.8 development process. Status: Underway	3 <sup>rd</sup> Q, 2009	JISWG



**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
viii) Review and correct WEQ-004 Coordinate Interchange Business Practice Standard as needed based on activities in NERC Project 2008-12, Coordinate Interchange Standards Revisions and supporting EOP-002-2 R4 and R6. [note: this is a new item]  Status: Not started – dependent on NERC activity (upon initiation of this item by NAESB, a completion date will be determined)	2010	JISWG
b) Develop and/or maintain standard communication protocols and cyber-security business practices as needed.		
i) Develop PKI certification program for e-Tag and OASIS  Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2009	Board Cert. Prgm Comm
ii) Develop PKI standards for OASIS.  Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2009	ESS/ITS
iii) Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging.  Status: Underway  eTagging items are linked to the transition of the Registry from NERC to NAESB.	July, 2009	JISWG
c) Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers.  Status: Underway (upon further development of this item by NAESB, a completion date will be determined)  Common code usage is linked to the transition of the Registry from NERC to NAESB	2009	NAESB Staff with WEQ support
d) Develop business practice standards in support of FERC Order No. 717  Status: Complete	1 <sup>st</sup> Q, 2009	BPS
<b>4 Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs<sup>3</sup></b>		
Review and develop needed model business practices for a standardized method for quantifying benefits, savings, cost avoidance and/or the reduction in energy demand and usage derived from the implementation of demand side management and energy efficiency programs. This effort will include demand side response, energy efficiency programs and metering, including the 'curtailment service provider' program.		
a) Develop matrix and business practice standards for measurement and verification for demand response products and services in ISO/RTO footprint areas.  Status: Completed ( <i>see (b) below for completion of examples</i> )	4 <sup>th</sup> Q, 2008	WEQ Section of the Joint WEQ/REQ DSM Subcommittee

<sup>3</sup> The Board of Directors has approved assigning 4(f), 4(g) and 4(h) to a separate subcommittee, not dependent on the completion of the efforts developing demand response M&V standards. As such these items can proceed independent of the demand response efforts.

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<p>b) Develop more detailed technical standards for the measurement and verification of demand response products and services in ISO-RTO footprint areas, including examples to be developed to support item 4(a) above.</p> <p>Status: Not Started (Scope to be initiated in 2<sup>nd</sup> Q, 2009, after which a completion date will be set) – <i>The first meeting is scheduled for April 16, 2009</i></p>	Phase 2	WEQ Section of the Joint WEQ/REQ DSM Subcommitt ee
<p>c) Develop preamble for business practice standards for measurement and verification for demand response and energy efficiency programs.</p> <p>Status: Underway</p>	3 <sup>rd</sup> Q, 2009	Joint WEQ/REQ DSM-EE Subcommitt ee
<p>d) Develop glossary for business practice standards</p> <p>Status: Underway</p>	3 <sup>rd</sup> Q, 2009	Joint WEQ/REQ DSM-EE Subcommitt ee
<p>e) Support retail development of matrix and model business practice standards for measurement and verification for demand response products and services</p> <p>Status: Underway</p>	2 <sup>nd</sup> Q, 2009	REQ Section of Joint WEQ/REQ DSM-EE Subcommitt ee
<p>f) Develop business practice standards to measure and verify energy reductions that are made to comply with a Renewable Portfolio Standard that included energy efficiency or a stand-alone Energy Efficiency Portfolio Standard.</p> <p>Status: Not Started (Scope to be initiated in 2<sup>nd</sup> Q, 2009, after which a completion date will be set)</p>	Phase 2	WEQ Section/Join t WEQ/REQ DSM-EE Subcommitt ee
<p>g) Develop business practice standards to factor Demand Control and Energy Efficiency programs into reliability / supply decisions at the wholesale level for generation and transmission planning and operations in ISO/RTO footprint areas.</p> <p>Status: Not Started (Scope to be initiated in 2<sup>nd</sup> Q, 2009, after which a completion date will be set)</p>	Phase 2	WEQ Section/Join t WEQ/REQ DSM-EE Subcommitt ee
<p>h) Develop business practice standards for cap and trade programs for green house gas</p> <p>Status: Not Started (Scope to be initiated in 2<sup>nd</sup> Q, 2009 at the earliest. Upon conclusion of the scoping statement it will be determined whether NAESB standards development is appropriate)</p>	Phase 2	Joint WEQ/REQ DSM-EE Subcommitt ee
<b>6 Maintain existing body of Version 2 standards</b>		
<p>a) Make consistency changes to Version 1.0 standards as directed by the WEQ Leadership Committee on December 12, 2007 (R08001 – BPS, ESS/ITS, R08002 - ESS/ITS, R08003 - ESS/ITS - BPS, R08004, R08005 - ESS/ITS)</p>		
<p>1) OASIS Consistency Changes (R08001, R08002, R08003, R08005)</p> <p>Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)</p>	2009	ESS/ITS

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
2) Gas / Electric Communication Consistency Changes (R08004) Status: Underway	2 <sup>nd</sup> Q, 2009	BPS
b) Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary. Revise existing NAESB glossary/definition of terms to be applicable to entire set of WEQ Business Practices. ( <a href="http://www.naesb.org/pdf3/weq_ec051308w3.doc">http://www.naesb.org/pdf3/weq_ec051308w3.doc</a> ) Status: Underway Subcommittee co-chairs are developing WEQ-000 Definition of Terms/Acronyms to replace definitions being included in each NAESB Business Practice.	2 <sup>nd</sup> Q, 2009	BPS/ESS/ITS/SRS Co-chairs
c) Develop standards to allow for registered Market Operators to request changes to the Market Level profile of Implemented Interchange ( <a href="#">R06006</a> ) Status: Complete	1 <sup>st</sup> Q, 2009	JISWG
d) Consistent with ¶51 of FERC Order No. 890-A, add AFC and TFC values to the "System_Attribute" data element of the NAESB Standard WEQ-003: OASIS S&CP Data Dictionaries. ( <a href="#">R08011</a> ) Status: Not Started This Standards Request was assigned to the ESS/ITS in May 2008.	3 <sup>rd</sup> Q, 2009	ESS/ITS
e) Provide for Enhanced Granularity for Public Utilities in Identifying Critical Operational Flow Orders. ( <a href="#">R08020</a> ) Status: Not Started. This Standards Request was assigned to the BPS in August 2008 (upon initiation of this item by NAESB, a completion date will be determined)	2009	BPS jointly with WGQ BPS
f) Synchronize Bidding Credit Requirements for FTR, TCC and CRR ( <a href="#">R08025</a> ) Posting of collateral is an important issue for financial marketers. Most financial marketers and smaller entities are required to post cash for FTR transactions, while most utilities post unsecured credit. Therefore, the timing for posting collateral is especially crucial to financial marketers. There are two posting periods for FTRs: 1. The Bidding Requirement: Credit must be posted with FTR bids and these monies are held until bids are cleared. 2. The Holding Requirement: After bids are cleared and FTRs awarded, collateral is required for the amount of time the FTR is active. Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2009	SRS (Scoping)

**PROVISIONAL ITEMS**

- 1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (Project 2009-05 Resource Adequacy Assessment).
- 2 Develop business practices for allocating capacity among requests received during a submittal window Order 890-A (Docket Nos. RM05-17-001, 002 and RM05-25-001, 002 - Paragraph 805).
- 3 Determine any needed NAESB action in support of the Interchange Distribution Calculator (IDC) and develop any necessary standards.
- 4 Prepare recommendations for future path for TLR (equity concerns) in concert with NERC, which may include alternative congestion management procedures<sup>4</sup>. Work on this activity is dependent on completing 2009 WEQ Annual Plan 1.c.i (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection).

<sup>4</sup> For additional information, please see comments submitted by PJM and MISO for this Annual Plan Item:  
[http://www.naesb.org/pdf3/weq\\_aplan102907w1.pdf](http://www.naesb.org/pdf3/weq_aplan102907w1.pdf).

**NORTH AMERICAN ENERGY STANDARDS BOARD**  
**2009 WEQ Annual Plan Approved by the Board of Directors on March 26, 2009**

---

<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
5 Develop complementary standards that align with NERC Project 2008-01 Voltage and Reactive Control, for which a white paper is expected after the 2009 SAR is processed.		
6 Develop NAESB business practices as needed to complement NERC reliability standards for FAC-012 and FAC-013.		
7 Determine NAESB action needed to support FERC Action Plan for Smart Grid Technology.		

#### The NAESB Standards Development Process

NAESB is focused on proposing, considering, and adopting voluntary standards and model business practices that will have a significant and lasting impact on all aspects of the natural gas and electricity marketplaces. As a result of the standards NAESB adopts, it is expected that the industry will operate more efficiently and effectively, benefiting both the industry and its customers. At the same time, it must be acknowledged that NAESB standards may constitute a change in the way parties do business, with an accompanying effect on the use and allocation of resources.

NAESB's policy is to move at a deliberate pace, consistent with its annual plan(s), thus permitting those affected by its standards, especially those standards adopted as regulations by the Federal Energy Regulatory Commission (FERC) or other regulatory bodies, to assimilate them as part of their business practices. To this end, NAESB will carefully consider whether proposed standards are both timely and necessary. In particular, it will try to avoid adopting and implementing new standards, however beneficial, before the industry is able to reasonably make use of them.

The standards development process is governed by the annual plan, and items can be included in the plan or modified only with Board approval. The plan typically reflects requests from NAESB members, government agencies, and other interested parties. In approving the annual plan, the Board considers the availability of resources, including the NAESB budget and staff and the availability of industry volunteers. New requests received throughout the year are either considered part of the existing annual plan or as new items that require Board approval.

The standards development process begins with an annual plan item or a triaged and approved request. Triage is a process used by each quadrant of the Executive Committee (EC) to determine whether a request is within scope, which quadrant(s) it applies to, which subcommittee(s) it should be referred to, and what priority it should be assigned. Triage is carried out by EC members appointed by the EC chair. Triage recommendations are submitted to the en banc EC and require EC approval, and may also require Board approval if there are scope questions or if a modification of the annual plan is required.

Once the triage process is completed, the subcommittees—more than one are normally involved in standards recommendations—review the request, compare it to existing standards, and prepare recommendations that may take the form of new or modified standards or interpretations. Participation in EC subcommittees is open to any interested party regardless of membership status. All subcommittee participants may vote; voting is balanced by segment and quadrant. All votes are public.

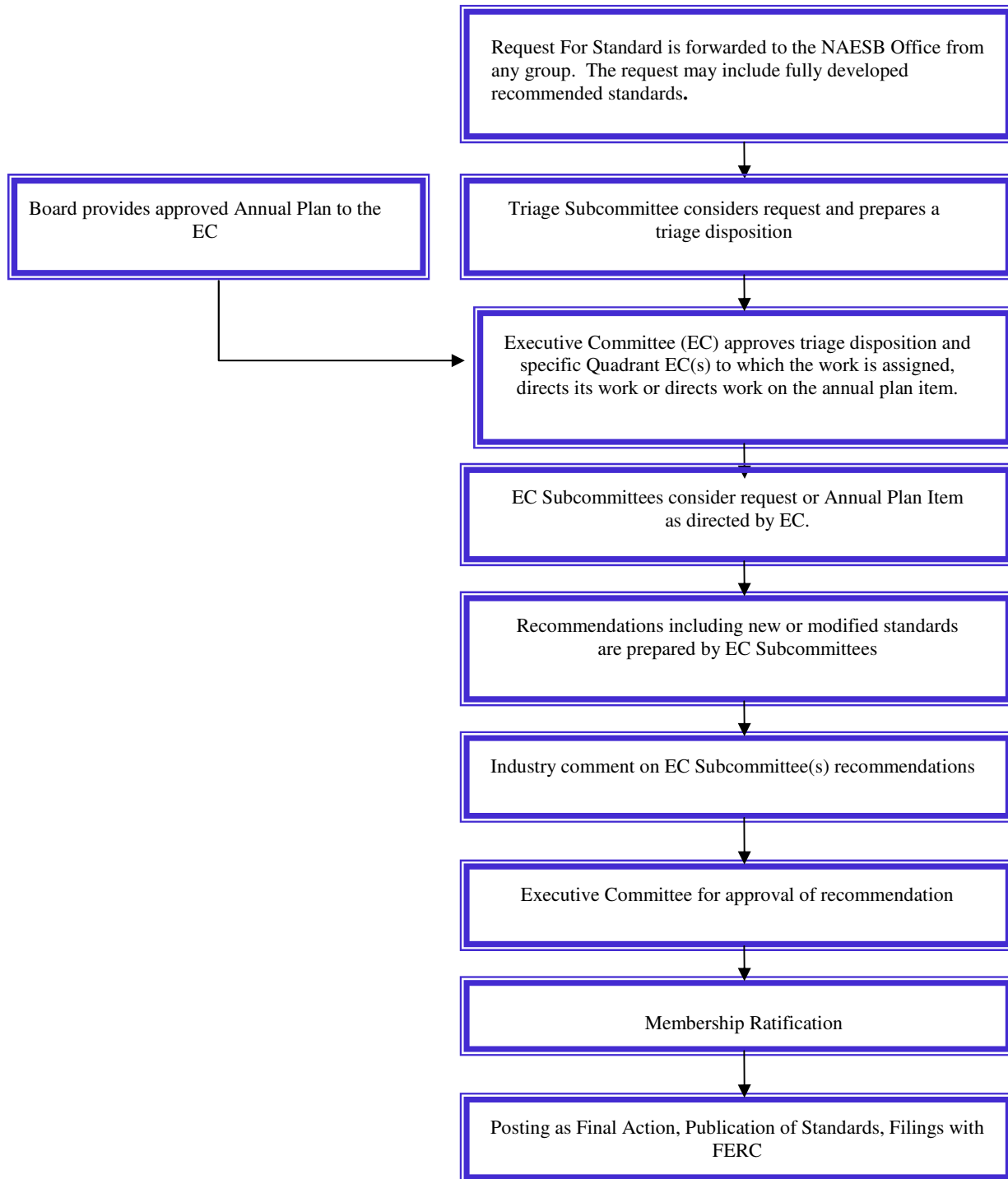
When the recommendation is complete, it is made available for a thirty-day industry comment period. The recommendation and comments are then forwarded to the EC, which considers the recommendation, makes any changes it deems necessary, and takes a vote. A recommendation must receive an affirmative vote of at least 67 percent from each applicable quadrant EC and 40 percent from each of the segments of the applicable quadrant(s).

After passage by the EC, the recommendation must be ratified by the NAESB members. An affirmative vote of 67 percent of the members of the applicable quadrant(s) is required for ratification. After ratification, standards and modifications are considered final actions and will be published in the next version of NAESB standards.

The foregoing process has been followed by the WGQ since 1994 and has been used to develop more than five hundred standards that have been incorporated by reference into federal regulations. The standards that apply to electronic delivery mechanisms have been endorsed by several state regulatory bodies and have also been adopted by the automotive, insurance, and health care industries.

The certificate, bylaws and NAESB Operating Procedures can be accessed from the NAESB web site (<http://www.naesb.org/pdf/naesbcert050503.pdf> – certificate, <http://www.naesb.org/pdf/naesbbylaws.pdf> – bylaws, [http://www.naesb.org/pdf/operating\\_procedures.pdf](http://www.naesb.org/pdf/operating_procedures.pdf) - operating procedures), and provide much more detail on the standards development procedures followed by NAESB.

North American Energy Standards Board  
Standards Development Process Flow Chart



Flexibility

NAESB recognizes that flexibility is necessary as standards are developed to address regional concerns or to incorporate variances to accommodate operational or structural differences. Several WEQ standards incorporate regional or operational differences for both Version 0 and

Version 1. There is a high threshold for incorporating such variances in a standard; the subcommittee(s) in drafting the standard, the EC in approving the subcommittee recommendation, and the membership in approving the standard must all agree that such variance is necessary. Nonetheless, NAESB procedures are well suited to take into account operational and regional differences.

#### Transparency

All NAESB meetings are open for attendance and participation by any interested party, with the exception of executive sessions of the Board or Managing Committee for purposes of discussing personnel, compensation or legal issues. Meeting announcements and agendas are posted in advance to permit the widest possible participation. Conference-calling capability is available for all meetings and web casting is available for most. Those intending to attend a meeting in person or by telephone are asked to notify NAESB by a specific date to permit adequate meeting planning.

Transcripts are made of all Board of Directors and EC meetings, and may also be made of other meetings that are expected to be controversial. Transcripts are maintained in the NAESB office and are provided to regulatory agencies for their internal use. All other interested parties can purchase transcripts from the relevant transcription service.

#### Coordination with NERC

For business practice standards development for the WEQ, if it is determined by NERC and NAESB Executive Management that joint development is needed by NERC and NAESB, the NERC-NAESB Coordination Joint Development Process is implemented.<sup>1</sup> This process requires that the appropriate NAESB Subcommittee and NERC Standards Drafting Team work together to develop reliability standards and business practices. This process is currently being implemented by the NAESB WEQ BPS and ESS/ITS with the NERC ATC Standards Drafting Team to develop reliability standards and business practice standards to address Commission Order No. 890.

The Joint Interface Committee of NAESB, NERC and the ISO-RTO Council ("JIC") was dissolved as part of the agreement to create the Independent Grid Operator segment of the WEQ. The joint development process between NAESB and NERC is being used to ensure appropriate coordination. The ISOs and RTOs have strong decision-making roles in both NERC and NAESB, and thus with the use of the joint development process, the JIC was no longer necessary. Documentation is being prepared to formally dissolve the JIC, which has not met since June 15, 2006. The record of the meetings can be found on the NAESB web site at the following link: [http://www.naesb.org/weq/weq\\_nercmou.asp](http://www.naesb.org/weq/weq_nercmou.asp).

---

<sup>1</sup> The NERC-NAESB Coordination Joint Development Process was submitted to the Commission on February 17, 2006 in Attachment C of the Progress Report on NAESB Activities impacting Docket No. RM05-5-000, "Standards for Business Practices and Communication Protocols for Public Utilities": [http://www.naesb.org/doc\\_view2.asp?doc=ferc021706.pdf](http://www.naesb.org/doc_view2.asp?doc=ferc021706.pdf).