



## **North American Energy Standards Board**

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Home Page: [www.naesb.org](http://www.naesb.org)

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### **NAESB WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE MEETING**

#### **ASSEMBLED MEETING MATERIALS**

**FEBRUARY 2, 2010**



# North American Energy Standards Board

1301 Fannin, Suite 2350, Houston, Texas 77002  
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## NAESB WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE MEETING PERA Club, Tempe, AZ - Tuesday, February 2, 2010 - 10:00 am to 4:00 pm M

### TABLE OF CONTENTS

Agenda Description	Meeting Materials	Page
1. Welcome		
• Antitrust Guidelines <a href="http://www.naesb.org/misc/antitrust_guidance.doc">http://www.naesb.org/misc/antitrust_guidance.doc</a>	Antitrust Guidelines	1
• Welcome to members and attendees		
• Quorum Establishment: Roll Call of WEQ EC Members and Alternates: <a href="http://www.naesb.org/pdf4/ec_terms.pdf">http://www.naesb.org/pdf4/ec_terms.pdf</a> (EC) and <a href="http://www.naesb.org/pdf4/alt_ec_members.pdf">http://www.naesb.org/pdf4/alt_ec_members.pdf</a> (EC Alt)	EC Roster EC Alternates Roster	2 7
• Adoption of WEQ Agenda (simple majority) <a href="http://www.naesb.org/pdf4/ec020210a.doc">http://www.naesb.org/pdf4/ec020210a.doc</a>	Agenda	
2. Wholesale Electric Quadrant Draft Minutes (simple majority to approve)		
• Adoption of the WEQ EC Meeting Minutes:	Draft 10-27-09 Minutes	12
• October 27, 2009: <a href="http://www.naesb.org/pdf4/weq_ec102709dm.doc">http://www.naesb.org/pdf4/weq_ec102709dm.doc</a> (Corrected)	Draft 12-3-09 Minutes	19
• December 3, 2009: <a href="http://www.naesb.org/pdf4/weq_ec120309dm.doc">http://www.naesb.org/pdf4/weq_ec120309dm.doc</a>		
3. Review and vote on 2009 WEQ Annual Plan Items 3(a)(ii)(1)/R07013: Develop a Confidentiality Agreement – (simple-majority vote)		
• Recommendation: <a href="http://www.naesb.org/pdf4/weq_2009_api_3a11_r07013_rec.doc">http://www.naesb.org/pdf4/weq_2009_api_3a11_r07013_rec.doc</a>	Recommendation	33
• Formal Comment Period ended January 15, 2010:		
• A. Rodriquez, NERC: <a href="http://www.naesb.org/pdf4/weq_121609_nerc.pdf">http://www.naesb.org/pdf4/weq_121609_nerc.pdf</a>	Comments - NERC	37
• E. Davis, Entergy: <a href="http://www.naesb.org/pdf4/weq_121609_entergy.doc">http://www.naesb.org/pdf4/weq_121609_entergy.doc</a>	Comments - Entergy	39
• M. Mizumori, WECC: <a href="http://www.naesb.org/pdf4/weq_121609_wecc.doc">http://www.naesb.org/pdf4/weq_121609_wecc.doc</a>	Comments - -WECC	44
• R. Martinko, FirstEnergy Service Company: <a href="http://www.naesb.org/pdf4/weq_121609_firstenergy.doc">http://www.naesb.org/pdf4/weq_121609_firstenergy.doc</a>	Comments - FirstEnergy	49
• E. Skiba, Midwest ISO: <a href="http://www.naesb.org/pdf4/weq_121609_midwestiso.doc">http://www.naesb.org/pdf4/weq_121609_midwestiso.doc</a>	Comments - -Midwest ISO	50
• B. Huey, BC Transmission Corporation: <a href="http://www.naesb.org/pdf4/weq_121609_bctc.doc">http://www.naesb.org/pdf4/weq_121609_bctc.doc</a>	Comments – BC Transmission	51
• B. Rehman, Bonneville Power Administration: <a href="http://www.naesb.org/pdf4/weq_121609_bpa.doc">http://www.naesb.org/pdf4/weq_121609_bpa.doc</a>	Comments - BPA	56
• NAESB WEQ SRS: <a href="http://www.naesb.org/pdf4/weq_121609_weq-srs.doc">http://www.naesb.org/pdf4/weq_121609_weq-srs.doc</a>	Comments - SRS	59
• ISO/RTO Council: <a href="http://www.naesb.org/pdf4/weq_121609_iso-rto.pdf">http://www.naesb.org/pdf4/weq_121609_iso-rto.pdf</a>	Comments – ISO/RTO Council	64
4. 2009 WEQ Annual Plan Item 5(b) Modify NAESB definitions for consistency– (super-majority vote)		
• Recommendation: <a href="http://www.naesb.org/pdf4/weq_2009_api_5b_rec.doc">http://www.naesb.org/pdf4/weq_2009_api_5b_rec.doc</a>	Recommendation	66



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## NAESB WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE MEETING PERA Club, Tempe, AZ - Tuesday, February 2, 2010 - 10:00 am to 4:00 pm M

### TABLE OF CONTENTS

Agenda Description	Meeting Materials	Page
<ul style="list-style-type: none"><li>• Comments due December 14, 2009:</li></ul>		
<ul style="list-style-type: none"><li>• B. Kedrowski, We Energies: <a href="http://www.naesb.org/pdf4/weq_111209_we_energies.doc">http://www.naesb.org/pdf4/weq_111209_we_energies.doc</a></li></ul>	Comments – WE Energies	100
<ul style="list-style-type: none"><li>• E. Skiba, Midwest ISO: <a href="http://www.naesb.org/pdf4/weq_111209_miso.doc">http://www.naesb.org/pdf4/weq_111209_miso.doc</a></li></ul>	Comments – Midwest ISO	102
<ul style="list-style-type: none"><li>• ERCOT, MISO, NE-ISO, PJM and SPP: <a href="http://www.naesb.org/pdf4/weq_111209_joint_ercot_miso_neiso_pjm_spp.doc">http://www.naesb.org/pdf4/weq_111209_joint_ercot_miso_neiso_pjm_spp.doc</a></li></ul>	Comments – various ISOs	103
<ul style="list-style-type: none"><li>• NAESB SRS: <a href="http://www.naesb.org/pdf4/weq_111209_weq_srs_late.doc">http://www.naesb.org/pdf4/weq_111209_weq_srs_late.doc</a></li></ul>	Comments - SRS	105
5. 2009 WEQ Annual Plan Items 5(a)(2), 5(i)/R08004/R09011 Affecting WEQ-011 Gas/Electric Coordination – (review only)		
<ul style="list-style-type: none"><li>• Recommendation: <a href="http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_re_c.doc">http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_re_c.doc</a></li></ul>	Recommendation	106
<ul style="list-style-type: none"><li>• Attachment WEQ-011 – Redline: <a href="http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_re_c_attach1.doc">http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_re_c_attach1.doc</a></li></ul>	Attachment Redline	110
<ul style="list-style-type: none"><li>• Attachment WEQ-011 – Clean: <a href="http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_re_c_attach2.doc">http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_re_c_attach2.doc</a></li></ul>	Attachment Clean	118
<ul style="list-style-type: none"><li>• Comments Due November 2, 2009:</li></ul>		
<ul style="list-style-type: none"><li>• NAESB SRS: <a href="http://www.naesb.org/pdf4/weq_100209weq_srs.doc">http://www.naesb.org/pdf4/weq_100209weq_srs.doc</a></li></ul>	Comments - SRS	125
<ul style="list-style-type: none"><li>• M. Kulas, Consumers Energy Company: <a href="http://www.naesb.org/pdf4/weq_100209consumers.doc">http://www.naesb.org/pdf4/weq_100209consumers.doc</a></li></ul>	Comments - CMS	126
<ul style="list-style-type: none"><li>• Response to Consumers Energy Company by the WEQ and WGQ BPS Co-Chairs: <a href="http://www.naesb.org/pdf4/weq_100209_weq_wgq_bps_late.doc">http://www.naesb.org/pdf4/weq_100209_weq_wgq_bps_late.doc</a></li></ul>	Comments – BPS Co-Chair Response	127
6. Subcommittee Updates (meeting materials for updates will be provided by leadership as they are available):		
<ul style="list-style-type: none"><li>• Triage Subcommittee: <a href="http://www.naesb.org/pdf4/tr012510disposition.doc">http://www.naesb.org/pdf4/tr012510disposition.doc</a> (report), <a href="http://www.naesb.org/pdf4/tr012710agenda.doc">http://www.naesb.org/pdf4/tr012710agenda.doc</a> (new requests)</li></ul>	Triage Report Triage of New Requests	129 131
<ul style="list-style-type: none"><li>• Business Practices Subcommittee (BPS): <a href="http://www.naesb.org/pdf4/weq_ec020210w2.ppt">http://www.naesb.org/pdf4/weq_ec020210w2.ppt</a></li></ul>	BPS Update Report	133
<ul style="list-style-type: none"><li>• DSM-EE Subcommittee – Discussion on WEQ Phase 2 effort and scope: <a href="http://www.naesb.org/pdf4/dsmee_group3_121709w1.doc">http://www.naesb.org/pdf4/dsmee_group3_121709w1.doc</a></li></ul>	DSM-EE Phase 2	140
<ul style="list-style-type: none"><li>• OASIS Subcommittee: Report - <a href="http://www.naesb.org/pdf4/weq_oasis_012110_progress_report.xls">http://www.naesb.org/pdf4/weq_oasis_012110_progress_report.xls</a></li></ul>	OASIS Update Report	144
<ul style="list-style-type: none"><li>• Joint Electric Scheduling Subcommittee (JESS)</li></ul>		
<ul style="list-style-type: none"><li>• Standards Review Subcommittee (SRS): <a href="http://www.naesb.org/pdf4/weq_ec020210w1.ppt">http://www.naesb.org/pdf4/weq_ec020210w1.ppt</a></li></ul>	SRS Update	147
<ul style="list-style-type: none"><li>• Glossary Efforts</li></ul>		



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## NAESB WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE MEETING PERA Club, Tempe, AZ - Tuesday, February 2, 2010 - 10:00 am to 4:00 pm M

### TABLE OF CONTENTS

Agenda Description	Meeting Materials	Page
7. Review, discuss, identify changes and vote to approve changes to the 2010 Annual Plan to be proposed to the Board of Directors: <a href="http://www.naesb.org/pdf4/weq_2010_annual_plan.doc">http://www.naesb.org/pdf4/weq_2010_annual_plan.doc</a> (simple majority vote for EC endorsement of proposed changes to be forwarded for Board approval)	2010 Annual Plan	151
8. Board of Directors, Board Committee and Regulatory Updates (no votes or action to be taken):		
• Board Updates – Board Meeting December 10, 2009: <a href="http://www.naesb.org/pdf4/bd121009dm.doc">http://www.naesb.org/pdf4/bd121009dm.doc</a>	Board 12-10-09 Draft Minutes	161
• Wholesale Gas and Retail key activities – WGQ Annual Plan, Retail Annual Plan <a href="http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc">http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc</a> (WGQ), ), <a href="http://www.naesb.org/pdf4/retail_2010_annual_plan.doc">http://www.naesb.org/pdf4/retail_2010_annual_plan.doc</a> (Retail)	WGQ Annual Plan Retail Annual Plan	169 173
• Update on WEQ Board Deliberations on Segment Structure		
• Regulatory Efforts:		
• December 16, 2009, NAESB Report to FERC on WEQ Version 2.1 Errata Filing – (Docket No. RM05-5 et al): <a href="http://www.naesb.org/pdf4/ferc121609_weq_version2.1_errata.pdf">http://www.naesb.org/pdf4/ferc121609_weq_version2.1_errata.pdf</a>		
• November 24, 2009, FERC Final Rule Docket No. RM08-19-000, et al.; Order No. 729: <a href="http://www.naesb.org/pdf4/ferc112409_final_rule_order729.pdf">http://www.naesb.org/pdf4/ferc112409_final_rule_order729.pdf</a>		
• November 24, 2009, FERC Final Rule Docket No. RM05-5-013; Order No. 676-E – FERC Action on NAESSB WEQ Version 002.1 standards: <a href="http://www.naesb.org/pdf4/ferc112409_order_676E.doc">http://www.naesb.org/pdf4/ferc112409_order_676E.doc</a>		
• November 19, 2009, FERC Order on Clarification – Docket Nos. RM05-17-005 and RM05-25-005; Order No. 890-D: <a href="http://www.naesb.org/pdf4/ferc111909_order_on_clarification_order890d.doc">http://www.naesb.org/pdf4/ferc111909_order_on_clarification_order890d.doc</a>	These regulatory activities are included as links in the agenda but due to their length, are not included in the assembled materials.	
9. Other Business	Schedule	179
10. Adjourn		



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### NAESB ANTITRUST GUIDELINES STATEMENT

#### ANTITRUST GUIDELINES

- The following guidelines will be reviewed by counsel at the meeting. The meeting will be monitored, transcribed, and minutes will be taken. The guidelines are as follows:

Antitrust guidelines direct meeting participants to avoid discussion of topics or behavior that would result in anticompetitive behavior including: restraint of trade and conspiracies to monopolize, unfair or deceptive business acts or practices, price discriminations, division of markets, allocation of production, imposition of boycotts, and exclusive dealing arrangements.

Any views, opinions or positions presented or discussed by meeting participants are the views of the individual meeting participants and their organizations. Any such views, opinions or positions are not the views, positions or opinions of NAESB, the NAESB Board of Directors, or any NAESB Committee or Subcommittee, unless specifically noted otherwise.

As it is not the purpose of the meeting to discuss any antitrust topics, if anyone believes we are straying into improper areas, please let us know and we will redirect the conversation.



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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE TERMS – Wholesale Gas Quadrant

<b>PRODUCERS SEGMENT</b>		<b>TERM END:</b>
Jim Busch	Director of Energy Policy and Regulation, BP Energy Company	12-31-2010
Pete Frost	Director – Regulatory Affairs, ConocoPhillips Gas and Power Marketing	12-31-2010
Chuck Cook	Manager - Regulatory Affairs, Chevron	12-31-2011
Richard D. Smith	Regulatory & Compliance Manager, Noble Energy, Inc.	12-31-2011
Mike Shepard	General Counsel, Mewbourne Oil Company	12-31-2011
<b>PIPELINE SEGMENT</b>		
Bill Griffith	Consultant, El Paso Natural Gas Company	12-31-2011
Kathryn Burch	Project Manager - Standards and Regulatory, Spectra Energy Transmission	12-31-2011
Dale Davis	Consultant, Williams Gas Pipeline	12-31-2010
Randy Young	Vice President - Regulatory Compliance and Corporate Services, Boardwalk Pipeline Partners, LP	12-31-2012
Kim Van Pelt	Regulatory Compliance Manager, Panhandle Eastern Pipe Line	12-31-2012
<b>LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT</b>		
Rodger Schwecke	Director – Energy Markets and Capacity Products, Sempra Energy - Southern California Gas	12-31-2011
Phil Precht	Management Consultant – Pricing & Regulatory Services Department, Baltimore Gas and Electric Company	12-31-2011
Paul Buckley	Director of Rates and Regulatory Affairs, Washington Gas	12-31-2010
<b>Mike Novak</b>	Assistant General Manager, National Fuel Gas Distribution	12-31-2012
Craig Colombo	Energy Trader III, Dominion Resources	12-31-2012
<b>END USERS SEGMENT</b>		
Norm Spooner	Supply Chain Manager – Fuel & Term Trading Department, Arizona Public Service Company	12-31-2010
Valerie Crockett	Senior Program Manager - Energy Markets & Policy, Tennessee Valley Authority	12-31-2010
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	12-31-2011
Dona Gussow	Manager, Contract Administration, Florida Power and Light Company	12-31-2011
Tina Burnett	Natural Gas Operations Administrator, The Boeing Company	12-31-2011
<b>SERVICES SEGMENT</b>		
Steve Abbey	Manager of Regulatory Affairs in the Marketing Department of Anadarko	12-31-2010
Lisa Simpkins	Vice President, Energy Policy – Natural Gas, Constellation Energy Commodities Group	12-31-2010
Leigh Spangler	CEO, Latitude Technologies, Inc.	12-31-2011
<b>Jim Buccigross</b>	Vice President, 8760 Inc.	12-31-2011
Jeff Jarvis	Senior Counsel, EnCana Marketing (USA), Inc.	12-31-2011



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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE TERMS – Retail Electric Quadrant

<b>SERVICE PROVIDERS/SUPPLIERS SEGMENT</b>		<b>TERM END:</b>
Bill Barkas	Manager of Retail State Government Relations, Dominion Retail, Inc.	12-31-2011
Jim Minneman	Controller, PPL Solutions, LLC	12-31-2011
Jennifer Teel	Vice President of Client Services, E:SO ( <i>Formerly EC Power</i> )	12-31-2010
Susan Munson	ERCOT Retail Market Liaison, Electric Reliability Council of Texas (ERCOT)	12-31-2010
<b>UTILITIES SEGMENT</b>		
Phil Precht	Management Consultant - Pricing and Regulatory Services Department, Baltimore Gas & Electric Company	12-31-2011
Patrick Eynon	Supervisor – Retail Access, Ameren Services	12-31-2011
Judy Ray	Industrial Segment Manager – Contract Administrator, Alabama Power Company	12-31-2010
Michael J. Jesensky	Director – Demand –Side Analysis, Dominion Resources Services, Inc. (representing Dominion Virginia Power)	12-31-2010
<b>END USERS/PUBLIC AGENCIES SEGMENT</b>		
V A C A N C Y		12-31-2011
V A C A N C Y		12-31-2011
Annunciata E. Marino	Utility Energy Policy and Technology Analyst, Pennsylvania Public Utility Commission	12-31-2010
V A C A N C Y		12-31-2010



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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE TERMS – Wholesale Electric Quadrant

TRANSMISSION SEGMENT		TERM END:	SUBSEGMENT:
Patrick McGovern	Manager - System Services, Georgia Transmission Corporation	12-31-20011	Muni/Coop
Wendy D. Weathers	System Operations, Salt River Project	12-31-2010	Fed/State/Prov.
Daryl McGee	Manager – Transmission Services, Southern Company Services	12-31-2010	IOU
Edward Davis	Policy Consultant, Entergy Services, Inc.	12-31-2011	IOU
Mark Hackney	Section Leader of Transmission Services Trading, Arizona Public Service	12-31-2010	at large
Bob Harshbarger	OASIS Trading Manager, Puget Sound Energy	12-31-2011	at large
Michelle Mizumori	Director of Market – Operations Interface, Western Electricity Coordinating Council (WECC)	12-31-2011	At-Large
GENERATION SEGMENT			
William J. Gallagher	Special Contracts Chief, Vermont Public Power Supply Authority	12-31-2011	Muni/Coop
<b>Kathy York</b>	Sr. Energy Markets & Policy Specialist, Tennessee Valley Authority	12-31-2010	Fed/State/Prov.
Jalal Babik	Manager – Electric Policy, Dominion Resource Services, Inc.	12-31-2010	IOU
John Ciza	Project Manager Energy Policy and Regulatory Affairs, Southern Company Services	12-31-2011	IOU
Alan Johnson	Director Regulatory Compliance – Commercial Operations & Commodities, NRG Energy, Inc.	12-31-2010	Merchant
Trent Carlson	Vice President – Regulatory Affairs, RRI Energy Services, Inc.	12-31-2011	at large
Shah Hossain	Senior Regulatory Specialist, Westar Energy, Inc.	12-31-2011	at large
MARKETERS/BROKERS SEGMENT			
Chris Norton	Director of Market Regulatory Affairs, American Municipal Power, Inc.	12-31-2010	Muni/Coop
Belinda Thornton	General Manager - Energy Origination, Tennessee Valley Authority	12-31-2011	Fed/State/Prov.
V A C A N C Y		12-31-2010	Not IOU Affiliated
Richard Lehman	Supply and Trading, Salt River Project	12-31-2011	at large
John Apperson	Director – Commercial and Trading, PacifiCorp Energy	12-31-2010	IOU
Roy True	Manager of Regulatory and Markets Development, ACES Power Marketing	12-31-2011	at large
Barry Green	Barry Green Consulting (representing Electric Power Supply Association (EPSA))	12-31-2011	at large



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<b>DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT</b>		<b>TERM END:</b>	<b>SUBSEGMENT:</b>
Ray Phillips	Manager of Compliance and Special Projects, Alabama Municipal Electric Authority	12-31-2010	Muni/Coop
V A C A N C Y		12-31-2011	Muni/Coop
Alan Pritchard	Senior Engineer, Duke Energy Corporation	12-31-2010	IOU
Rufus D. Gladney	Executive Manager of Energy Services West, Consumers Energy Company	12-31-2011	IOU
Robert Martinko	Consultant FERC Compliance, FirstEnergy Service Company	12-31-2010	at large
Syd Berwager	Industry Restructuring Project Manager, Bonneville Power Administration/Power Business Line	12-31-2011	Other
Andy Rodriguez	Manager of Business Practice Coordination, NERC	12-31-2011	At-Large
<b>END USERS SEGMENT</b>			
V A C A N C Y		12-31-2011	End Use (Also in another segment)
Aaron Breidenbaugh	Senior Manager - Regulatory Affairs and Public Policy - New York, EnerNOC, Inc.	12-31-2010	at large
Lou Ann Westerfield	Policy Strategist, Idaho Public Utilities Commission, rep. National Association of Regulatory Utility Commissioners	12-31-2010	Regulator
V A C A N C Y		12-31-2011	Residential/Commercial
V A C A N C Y		12-31-2010	Large Industrial
V A C A N C Y		12-31-2011	Large Industrial
Paul Sorenson	Director - Central Markets Strategy, Open Access Technology International, Inc.	12-31-2011	At-Large
<b>INDEPENDENT GRID OPERATORS/PLANNERS</b>			
Thomas Bowe	Executive Director – Reliability Integration, PJM Interconnection, LLC	12-31-2010	
Jim Castle	Manager - Grid Operations, New York Independent System Operator, Inc.	12-31-2010	
Matt Goldberg	Director Reliability & Operations Compliance ISO New England, Inc.	12-31-2010	
Anjali Sheffrin	Director Market and Product Development and Chief Economist, California ISO	12-31-2010	
Joel Mickey	Director of Grid Operations, Electric Reliability Council of Texas	12-31-2011	
Ed Skiba	Consulting Advisor, Standards Compliance & Strategy, Midwest ISO	12-31-2011	
Charles Yeung	Executive Director Interregional Affairs, Southwest Power Pool	12-31-2011	



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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE TERMS – Retail Gas Quadrant

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<b>SERVICE PROVIDERS/SUPPLIERS SEGMENT</b>		<b>TERM END:</b>
V A C A N C Y		12-31-2011
V A C A N C Y		12-31-2011
Richard Zollars	Director - Data and Billing, Dominion Retail, Inc.	12-31-2010
V A C A N C Y		12-31-2010
<hr/>		
<b>DISTRIBUTORS SEGMENT</b>		
Dan Jones	Supervisor - Certified Supplier Business Center, Duke Energy	12-31-2011
Leslie H. Nishida	Manager Gas Regulatory Services, Wisconsin Public Service Corporation	12-31-2011
<b>Michael Novak</b>	Assistant General Manager, National Fuel Gas Distribution Corporation	12-31-2010
V A C A N C Y		12-31-2010
<hr/>		
<b>END USERS/PUBLIC AGENCIES SEGMENT</b>		
V A C A N C Y		12-31-2010
V A C A N C Y		12-31-2010
V A C A N C Y		12-31-2011
V A C A N C Y		12-31-2011

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## North American Energy Standards Board

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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE ALTERNATES – Wholesale Gas Quadrant

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#### END USER SEGMENT

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Paul A. Jones	Senior Marketing Representative, Salt River Project
Art Morris	Gas Originator, Florida Power & Light Company
Kenneth Nordlander	Fuel Procurement, Arizona Public Service Company
Katherine C. Zeitlin	Legal Department, Arizona Public Service Company

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#### DISTRIBUTION SEGMENT

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Rick Ishikawa	Interconnect Account Manager in Capacity Products Group, Southern California Gas Company
Donald Petersen	Senior Gas Resource Analyst, Pacific Gas and Electric Company
Jim Blasiak	Specialist Federal Regulatory Affairs, Washington Gas Light Company
George Simmons	FERC Specialist, NiSource Inc.
Scott Butler	Project Manager, Energy Markets Policy Group, Consolidated Edison Company of New York, Inc.

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#### PIPELINE SEGMENT

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Bill Grygar	Vice President, Panhandle Eastern Pipe Line
Scott Hansen	Questar Pipeline Company
Iris King	Director, Technical and Marketing Support, Dominion Transmission, Inc.
Paul Love	Director, Electronic Customer Services, Natural Gas Pipe Line Company of America
Mark Gracey	Consultant, Tennessee Gas Pipeline Company
Christopher Burden	Consultant e-Commerce & Service Delivery, Williams Gas Pipeline
Tom Gwilliam	Iroquois Gas Transmission System

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#### PRODUCER SEGMENT

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David Ogden	Manager, Marketing Administration, Dominion Exploration & Production, Inc.
Rhonda Denton	Regulatory Affairs, BP Energy Company

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#### SERVICES SEGMENT

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Keith Sappenfield	Director, US Regulatory Affairs, Midstream and Marketing, EnCana Oil and Gas (USA), Inc.
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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE ALTERNATES – Retail Electric Quadrant

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#### UTILITIES SEGMENT

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Keith P. Hock	Director ARES Business Center, Ameren Services Company
Ripley Newcomb	Manager – Conservation and Load Management Program, Dominion
H. Neal Allen	Profitability & Economic Analysis Manager, Alabama Power Company
William J. Welzant	Principal Supplier Services Analyst, Supplier Account Management, Baltimore Gas and Electric

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#### END USERS/PUBLIC AGENCIES SEGMENT

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#### SERVICE PRODUCERS/SUPPLIERS SEGMENT

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Brandon S. Siegel	Manager – Market Management, E:SO
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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE ALTERNATES – Wholesale Electric Quadrant

<b>END USER SEGMENT</b>		<b>SUB-SEGMENT</b>
Robert Schwermann	Manager – Customer Care, Open Access Technology International, Inc.	At-Large
<b>DISTRIBUTION/LSE SEGMENT</b>		<b>SUB-SEGMENT</b>
Gerry Adamski	Vice President of Standards, NERC	At-Large
Paul K. Jett	Director – RTO Activities, Duke Energy Corporation	IOU
Lee Hall	Coordination Manager – Power Services, Bonneville Power Administration	Other
<b>GENERATION SEGMENT</b>		<b>SUB-SEGMENT</b>
Joel Dison	Project Manager, Southern Company Generation and Energy Marketing	IOU
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc	IOU
Francis Halpin	Bonneville Power Administration	Fed/State/Prov.
<b>MARKETER/BROKER SEGMENT</b>		<b>SUB-SEGMENT</b>
Jeff Ackerman	Manager, CRSP-Energy Mgmt., Western Area Power Administration	Fed/State/Prov
Brenda Anderson	Bonneville Power Administration	Fed/State/Prov
Valerie Crockett	Senior Program Manager, Energy Markets & Policy, Tennessee Valley Authority	Fed/State/Prov
<b>TRANSMISSION SEGMENT</b>		<b>SUB-SEGMENT</b>
Barbara Rehman	Policy Development & Analysis, Bonneville Power Administration	Fed/State/Prov.
Chuck Feagans	Tennessee Valley Authority	Fed/State/Prov.
Shay Labray	Transmission Strategy Consultant, PacifiCorp	IOU
Jane Daly	Rate & Regulatory Advisor, Arizona Public Service Company	IOU
Marceline Otondo	Regulatory Compliance Advisory, Arizona Public Service Company	IOU
Narinder Saini	Policy Consultant, Entergy Services, Inc.	IOU
J.T. Wood	Southern Company Services	IOU
Dean Uleh	Principal Engineer – Transmission Policy and Services, Southern Company Services, Inc.	IOU
Hasnah Mat-Amin	Market Interface Manager, Western Electricity Coordinating Council	At Large
Ross Kovacs	Transmission Strategic Coordinator, Georgia Transmission Corporation	Muni/Coop



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<b>INDEPENDENT GRID OPERATORS/PLANNERS SEGMENT</b>	<b>SUB-SEGMENT</b>
Paul Wattles	Supervisor Demand Side Programs, Electric Reliability Council of Texas (ERCOT)
Bill Blevins	Sr. Market Support Analyst, Electric Reliability Council of Texas (ERCOT)
Robert Coughlin	Principal Scientist Reliability & Operations Compliance, ISO New England, Inc.
Eric Winkler	Project Manager – FCM and Tariff Administration, ISO New England, Inc.
Cheryl Mendrala	Principal Engineer, ISO New England, Inc.
Jason Marshall	Technical Manager, Midwest ISO
Marie Knox	Sr. Standards Compliance Analyst, Midwest ISO
Dean Hartung	Manager Real Time Market Operations, PJM Interconnection, LLC
Cathy Wesley	Sr. Analyst, PJM Interconnection, LLC
Carl Monroe	Sr. Vice President Operations & Chief Operating Officer, Southwest Power Pool
Greg Campoli	Supervisor – Reliability Compliance and Assessment, New York ISO
Diana Pommen	Director Interjurisdictional Affairs, Alberta Electric System Operator
Jimmy Womack	Manager-Tariff Administration, Southwest Power Pool
Robin Smutny-Jones	Senior Policy Advisor, California ISO (CAISO)
Terry Bilke	Director Standards Compliance and Strategy, Midwest ISO

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### NORTH AMERICAN ENERGY STANDARDS BOARD 2010 EXECUTIVE COMMITTEE ALTERNATES – Retail Gas Quadrant

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#### DISTRIBUTORS SEGMENT

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Joe Stengel	Manager, Federal Regulatory Affairs, Philadelphia Gas Works
Mike McShane	Program Leader, Gas Choice Programs, Baltimore Gas and Electric Company

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#### END USERS/PUBLIC AGENCIES SEGMENT

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#### SERVICE PROVIDERS/SUPPLIERS SEGMENT

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Paul Cherevka	Project Manager Data Warehouse, Dominion Retail
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January 29, 2010

**TO:** NAESB Quadrant Executive Committee Members, Alternates and Interested Industry Participants  
**FROM:** Rae McQuade, NAESB President  
**RE:** Quadrant Executive Committee Meeting Announcements and **Revised** Draft Agendas with links to Meeting Materials

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### NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETINGS Hosted by Salt River Project in Phoenix, AZ

Please note this is a revised agenda with supplemental information highlighted in yellow.

First, let me thank SRP for its generosity and commitment to the NAESB organization through hosting this series of meetings. Without such support, it would be very difficult to maintain the NAESB budget and provide various locations around the country to NAESB in-person attendance meetings.

As we have announced at prior Executive Committee meetings, meeting announcements and in other communications, the Executive Committee (EC) will meet in Phoenix, AZ hosted by Salt River Project. Below are the meeting arrangements:

Where: PERA Club: 1 E. Continental Drive, Tempe, AZ 85281-1053  
Contact: Veronica Thomason, 713-356-0060  
When: Tuesday, February 2 -- 10:00 a.m. to 4:00 p.m. Mountain – Wholesale Electric Quadrant  
Wednesday, February 3 -- 10:00 a.m. to 4:00 p.m. Mountain – Retail Gas Quadrant and Retail Electric Quadrant  
Thursday, February 4 -- 10:00 a.m. to 4:00 p.m. Mountain – Wholesale Gas Quadrant

If you plan to attend any of the above EC meetings and have not already RSVPed to our office through the other announcements, please do so at your earliest convenience to the NAESB office ([naesb@naesb.org](mailto:naesb@naesb.org)) so that proper meeting arrangements can be made by NAESB and our host. Travel information is posted on the NAESB web site on the EC pages and can be directly accessed from the following link: [http://www.naesb.org/weq/weq\\_ec.asp](http://www.naesb.org/weq/weq_ec.asp). If you plan to participate by conference call, the information to do so is provided in this document. The EC meetings will be web cast as well. The meeting, conference calling and web casting is open to any interested party.

The materials for the meeting will be emailed to the participants and posted on the web site shortly. In an effort to control costs and be more environmentally aware, we are not printing Executive Committee books any longer although they will be posted in an assembled pdf document for each quadrant meeting, in addition to the links to the native formatted documents provided in the agendas. For agenda items where materials are already available and have been sent to you in prior communications, or posted on the web site, the links to those documents are included in the agenda for your convenience, and to help you prepare for the meetings. The links are formatted in blue underlined text. As the meeting approaches, this agenda with additional links to documents will be provided, along with the pdf assembled books.

Please note that in discussions with the Retail Quadrants EC chairs and vice chairs, it has been determined that all Retail EC meetings for 2010 will be conference call/web casts in recognition of the small number of in-person attendance from the 2009 records, and also in recognition of the reduced travel budgets for 2010 of many of the Retail EC members. However, since NAESB staff will be on location to provide support for the retail EC meetings, any Retail EC participant may choose to join the staff and participate in-person.

As always, the chair reserves the right to extend the time of the meeting to ensure that agenda items are addressed. The times indicated on the agenda will be followed to ensure that agenda items are allotted appropriate time slots. Should an agenda item conclude earlier than its stated time slot, the remaining time could be allotted to other agenda items at the discretion of the chair.



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There are other NAESB subcommittee meetings being held in conjunction with the EC meetings. They are held in various locations, and available via conference call and web cast, and upon advance request<sup>1</sup> for WGQ Joint IR/Technical subcommittee meetings. The details are:

Date	Time	Meeting/Location
Tues Feb 2	10 am to 4 pm M	WEQ EC Meeting/PERA Club Conference Call Number: 866-740-1260 Access Code: 3560060 Security Code: 1022 Web Cast: <a href="http://www.readytalk.com">http://www.readytalk.com</a> (please use same codes)
	9 am to 4 pm M	Day 1 of WGQ Joint IR & Technical//PERA Club No conference calling requested
Wed Feb 3	10 am to 4 pm M	Retail EC Meeting by phone/web cast/ for in person attendance, please join NAESB staff at PERA Club Conference Call Number: 866-740-1260 Access Code: :3560060 Security Code: 8035 Web Cast: <a href="http://www.readytalk.com">http://www.readytalk.com</a> (please use same codes)
	9 am to 4 pm M	Day 2 of WGQ Joint IR & Technical//PERA Club No conference calling requested
	9 am to 4 pm M	Day 1 of WEQ OASIS Subcommittee/ PERA Club Conference Call Number: 866-740-1260 Access Code: : 3560061 Security Code: 2501 Web Cast: <a href="http://www.readytalk.com">http://www.readytalk.com</a> (please use same codes)
Thu Feb 4	10 am to 4 pm M	WGQ EC Meeting/PERA Club Conference Call Number: 866-740-1260 Access Code: :3560060 Security Code: 6425 Web Cast: <a href="http://www.readytalk.com">http://www.readytalk.com</a> (please use same codes)
	9 am to 4 pm M	Day 2 of WEQ OASIS Subcommittee/ PERA Club Conference Call Number: 866-740-1260 Access Code: : 3560061 Security Code: 2501 Web Cast: <a href="http://www.readytalk.com">http://www.readytalk.com</a> (please use same codes)

You can access the materials for this meeting from the NAESB web site, at the page specific for the subcommittee noted (WEQ: <http://www.naesb.org/weq/default.asp>, WGQ: <http://www.naesb.org/wgq/default.asp>, and Retail: <http://www.naesb.org/RGQ/default.asp> ).

Please feel free to call the NAESB office should you have any questions or comments.

Best Regards, *Rae*

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<sup>1</sup> To set up phone call in capability for the WGQ IR/Technical meetings requires request from attendees unable to participate in person.



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**NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING  
WHOLESALE ELECTRIC QUADRANT **REVISED** DRAFT AGENDA  
Tuesday, February 2, 2010 – 10:00 am to 4:00 pm M  
PERA Club, Tempe, AZ**

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- | # | Agenda Item |
|---|-------------|
|---|-------------|
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1. Welcome
    - Antitrust Guidelines [http://www.naesb.org/misc/antitrust\\_guidance.doc](http://www.naesb.org/misc/antitrust_guidance.doc)
    - Welcome to members and attendees
    - Quorum Establishment: Roll Call of WEQ EC Members and Alternates: [http://www.naesb.org/pdf4/ec\\_terms.pdf](http://www.naesb.org/pdf4/ec_terms.pdf) (EC) and [http://www.naesb.org/pdf4/alt\\_ec\\_members.pdf](http://www.naesb.org/pdf4/alt_ec_members.pdf) (EC Alt)
    - Adoption of WEQ Agenda (simple majority) <http://www.naesb.org/pdf4/ec020210a.doc>
  2. Wholesale Electric Quadrant Draft Minutes (simple majority to approve)
    - Adoption of the WEQ EC Meeting Minutes:
      - October 27, 2009: [http://www.naesb.org/pdf4/weq\\_ec102709dm.doc](http://www.naesb.org/pdf4/weq_ec102709dm.doc) **(Corrected)**
      - December 3, 2009: [http://www.naesb.org/pdf4/weq\\_ec120309dm.doc](http://www.naesb.org/pdf4/weq_ec120309dm.doc)
  3. Review and vote on 2009 WEQ Annual Plan Items 3(a)(ii)(1)/R07013: Develop a Confidentiality Agreement – (simple-majority vote)
    - Recommendation: [http://www.naesb.org/pdf4/weq\\_2009\\_api\\_3a11\\_r07013\\_rec.doc](http://www.naesb.org/pdf4/weq_2009_api_3a11_r07013_rec.doc)
    - Formal Comment Period ended January 15, 2010:
      - A. Rodriquez, NERC: [http://www.naesb.org/pdf4/weq\\_121609\\_nerc.pdf](http://www.naesb.org/pdf4/weq_121609_nerc.pdf)
      - E. Davis, Entergy: [http://www.naesb.org/pdf4/weq\\_121609\\_entergy.doc](http://www.naesb.org/pdf4/weq_121609_entergy.doc)
      - M. Mizumori, WECC: [http://www.naesb.org/pdf4/weq\\_121609\\_wecc.doc](http://www.naesb.org/pdf4/weq_121609_wecc.doc)
      - R. Martinko, FirstEnergy Service Company: [http://www.naesb.org/pdf4/weq\\_121609\\_firstenergy.doc](http://www.naesb.org/pdf4/weq_121609_firstenergy.doc)
      - E. Skiba, Midwest ISO: [http://www.naesb.org/pdf4/weq\\_121609\\_midwestiso.doc](http://www.naesb.org/pdf4/weq_121609_midwestiso.doc)
      - B. Huey, BC Transmission Corporation: [http://www.naesb.org/pdf4/weq\\_121609\\_bctc.doc](http://www.naesb.org/pdf4/weq_121609_bctc.doc)
      - B. Rehman, Bonneville Power Administration: [http://www.naesb.org/pdf4/weq\\_121609\\_bpa.doc](http://www.naesb.org/pdf4/weq_121609_bpa.doc)
      - NAESB WEQ SRS: [http://www.naesb.org/pdf4/weq\\_121609\\_weq-srs.doc](http://www.naesb.org/pdf4/weq_121609_weq-srs.doc)
      - ISO/RTO Council: [http://www.naesb.org/pdf4/weq\\_121609\\_iso-rto.pdf](http://www.naesb.org/pdf4/weq_121609_iso-rto.pdf)
  4. 2009 WEQ Annual Plan Item 5(b) Modify NAESB definitions for consistency– (super-majority vote)
    - Recommendation: [http://www.naesb.org/pdf4/weq\\_2009\\_api\\_5b\\_rec.doc](http://www.naesb.org/pdf4/weq_2009_api_5b_rec.doc)
    - Comments due December 14, 2009:
      - B. Kedrowski, We Energies: [http://www.naesb.org/pdf4/weq\\_111209\\_we\\_energies.doc](http://www.naesb.org/pdf4/weq_111209_we_energies.doc)
      - E. Skiba, Midwest ISO: [http://www.naesb.org/pdf4/weq\\_111209\\_miso.doc](http://www.naesb.org/pdf4/weq_111209_miso.doc)
      - ERCOT, MISO, NE-ISO, PJM and SPP: [http://www.naesb.org/pdf4/weq\\_111209\\_joint\\_ercot\\_miso\\_neiso\\_pjm\\_spp.doc](http://www.naesb.org/pdf4/weq_111209_joint_ercot_miso_neiso_pjm_spp.doc)
      - NAESB SRS: [http://www.naesb.org/pdf4/weq\\_111209\\_weq\\_srs\\_late.doc](http://www.naesb.org/pdf4/weq_111209_weq_srs_late.doc)
  5. 2009 WEQ Annual Plan Items 5(a)(2), 5(i)/R08004/R09011 Affecting WEQ-011 Gas/Electric Coordination – (review only)
    - Recommendation: [http://www.naesb.org/pdf4/weq\\_2009\\_api\\_5a2\\_5i\\_r08004\\_r09011\\_rec.doc](http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_rec.doc)
    - Attachment WEQ-011 – Redline: [http://www.naesb.org/pdf4/weq\\_2009\\_api\\_5a2\\_5i\\_r08004\\_r09011\\_rec\\_attach1.doc](http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_rec_attach1.doc)
    - Attachment WEQ-011 – Clean: [http://www.naesb.org/pdf4/weq\\_2009\\_api\\_5a2\\_5i\\_r08004\\_r09011\\_rec\\_attach2.doc](http://www.naesb.org/pdf4/weq_2009_api_5a2_5i_r08004_r09011_rec_attach2.doc)
    - Comments Due November 2, 2009:
      - NAESB SRS: [http://www.naesb.org/pdf4/weq\\_100209weq\\_srs.doc](http://www.naesb.org/pdf4/weq_100209weq_srs.doc)
      - M. Kulas, Consumers Energy Company: [http://www.naesb.org/pdf4/weq\\_100209consumers.doc](http://www.naesb.org/pdf4/weq_100209consumers.doc)



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### NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING WHOLESALE ELECTRIC QUADRANT **REVISED** DRAFT AGENDA

Tuesday, February 2, 2010 – 10:00 am to 4:00 pm M  
PERA Club, Tempe, AZ

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#	Agenda Item
	<ul style="list-style-type: none"><li>• Response to Consumers Energy Company by the WEQ and WGQ BPS Co-Chairs: <a href="http://www.naesb.org/pdf4/weq_100209_weq_wgq_bps_late.doc">http://www.naesb.org/pdf4/weq_100209_weq_wgq_bps_late.doc</a></li></ul>
6.	Subcommittee Updates (meeting materials for updates will be provided by leadership as they are available): <ul style="list-style-type: none"><li>• Triage Subcommittee: <a href="http://www.naesb.org/pdf4/tr012510disposition.doc">http://www.naesb.org/pdf4/tr012510disposition.doc</a> (report), <a href="http://www.naesb.org/pdf4/tr012710agenda.doc">http://www.naesb.org/pdf4/tr012710agenda.doc</a> (new requests)</li><li>• Business Practices Subcommittee (BPS): <a href="http://www.naesb.org/pdf4/weq_ec020210w2.ppt">http://www.naesb.org/pdf4/weq_ec020210w2.ppt</a></li><li>• DSM-EE Subcommittee – Discussion on WEQ Phase 2 effort and scope: <a href="http://www.naesb.org/pdf4/dsmee_group3_121709w1.doc">http://www.naesb.org/pdf4/dsmee_group3_121709w1.doc</a></li><li>• OASIS Subcommittee: Report - <a href="http://www.naesb.org/pdf4/weq_oasis_012110_progress_report.xls">http://www.naesb.org/pdf4/weq_oasis_012110_progress_report.xls</a></li><li>• Joint Electric Scheduling Subcommittee (JESS)</li><li>• Standards Review Subcommittee (SRS): <a href="http://www.naesb.org/pdf4/weq_ec020210w1.ppt">http://www.naesb.org/pdf4/weq_ec020210w1.ppt</a></li><li>• Glossary Efforts</li></ul>
7.	Review, discuss, identify changes and vote to approve changes to the 2010 Annual Plan to be proposed to the Board of Directors: <a href="http://www.naesb.org/pdf4/weq_2010_annual_plan.doc">http://www.naesb.org/pdf4/weq_2010_annual_plan.doc</a> (simple majority vote for EC endorsement of proposed changes to be forwarded for Board approval)
8.	Board of Directors, Board Committee and Regulatory Updates (no votes or action to be taken): <ul style="list-style-type: none"><li>• Board Updates – Board Meeting December 10, 2009: <a href="http://www.naesb.org/pdf4/bd121009dm.doc">http://www.naesb.org/pdf4/bd121009dm.doc</a></li><li>• Wholesale Gas and Retail key activities – WGQ Annual Plan, Retail Annual Plan <a href="http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc">http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc</a> (WGQ), <a href="http://www.naesb.org/pdf4/retail_2010_annual_plan.doc">http://www.naesb.org/pdf4/retail_2010_annual_plan.doc</a> (Retail)</li><li>• Update on WEQ Board Deliberations on Segment Structure</li><li>• Regulatory Efforts:<ul style="list-style-type: none"><li>• December 16, 2009, NAESB Report to FERC on WEQ Version 2.1 Errata Filing – (Docket No. RM05-5 et al): <a href="http://www.naesb.org/pdf4/ferc121609_weq_version2.1_errata.pdf">http://www.naesb.org/pdf4/ferc121609_weq_version2.1_errata.pdf</a></li><li>• November 24, 2009, FERC Final Rule Docket No. RM08-19-000, et al.; Order No. 729: <a href="http://www.naesb.org/pdf4/ferc112409_final_rule_order729.pdf">http://www.naesb.org/pdf4/ferc112409_final_rule_order729.pdf</a></li><li>• November 24, 2009, FERC Final Rule Docket No. RM05-5-013; Order No. 676-E – FERC Action on NAESB WEQ Version 002.1 standards: <a href="http://www.naesb.org/pdf4/ferc112409_order_676E.doc">http://www.naesb.org/pdf4/ferc112409_order_676E.doc</a></li><li>• November 19, 2009, FERC Order on Clarification – Docket Nos. RM05-17-005 and RM05-25-005; Order No. 890-D: <a href="http://www.naesb.org/pdf4/ferc111909_order_on_clarification_order890d.doc">http://www.naesb.org/pdf4/ferc111909_order_on_clarification_order890d.doc</a></li></ul></li></ul>
9.	Other Business <ul style="list-style-type: none"><li>• 2010 Schedule: <a href="http://www.naesb.org/misc/2010_schedule.pdf">http://www.naesb.org/misc/2010_schedule.pdf</a></li></ul>
10.	Adjourn

*Attire – Business Casual*



## North American Energy Standards Board

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### NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING RETAIL QUADRANTS DRAFT AGENDA

Wednesday, February 3 – 10:00 am to 4:00 pm M  
Web Cast and Conference Call, for in person attendance – PERA Club, Tempe, AZ

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- | #  | Agenda Item  |
|----|--|
| 1. | Welcome <ul style="list-style-type: none"><li>• Antitrust Guidelines <a href="http://www.naesb.org/misc/antitrust_guidance.doc">http://www.naesb.org/misc/antitrust_guidance.doc</a> (Guidance)</li><li>• Welcome to members and attendees</li><li>• Quorum Establishment: Roll Call of Retail EC Members and Alternates: <a href="http://www.naesb.org/pdf4/ec_terms.pdf">http://www.naesb.org/pdf4/ec_terms.pdf</a> (EC) and <a href="http://www.naesb.org/pdf4/alt_ec_members.pdf">http://www.naesb.org/pdf4/alt_ec_members.pdf</a> (EC Alt)</li><li>• Adoption of Retail Agenda (simple majority) <a href="http://www.naesb.org/pdf4/ec020210a.doc">http://www.naesb.org/pdf4/ec020210a.doc</a></li></ul>  |
| 2. | Retail Quadrants Draft Minutes (simple majority to approve) <ul style="list-style-type: none"><li>• Adoption of the Retail EC Meeting Minutes:<ul style="list-style-type: none"><li>• October 28, 2009: <a href="http://www.naesb.org/pdf4/retail_ec102809dm.doc">http://www.naesb.org/pdf4/retail_ec102809dm.doc</a></li></ul></li></ul>  |
| 3. | Review, Discuss and Vote on 2009 Retail Annual Plan Item 1/R05016 – Develop Technical Electronic Implementation Standards and Data Dictionaries (Book 9: Customer Billing and Payment Notification via Uniform Electronic Transaction) <ul style="list-style-type: none"><li>• Recommendation – Part A with Revised Attachments: <a href="http://www.naesb.org/pdf4/retail_2009_api1_r05016_rev_rec.doc">http://www.naesb.org/pdf4/retail_2009_api1_r05016_rev_rec.doc</a></li><li>• Revised Attachment 1 – Data Dictionaries: <a href="http://www.naesb.org/pdf4/retail_2009_api1_r05016_rev_rec_attach1.doc">http://www.naesb.org/pdf4/retail_2009_api1_r05016_rev_rec_attach1.doc</a></li><li>• Revised Attachment 2 – X12 Technical Implementation Guidelines: <a href="http://www.naesb.org/pdf4/retail_2009_api1_r05016_rev_rec_attach2.doc">http://www.naesb.org/pdf4/retail_2009_api1_r05016_rev_rec_attach2.doc</a></li><li>• Comments due 12/16/09 – none received</li></ul> |
| 4. | Discussion on Retail Version 1.2, published December 31, 2009: <a href="http://www.naesb.org/retail_standards.asp">http://www.naesb.org/retail_standards.asp</a>   |
| 5. | Subcommittee Updates (meeting materials for updates will be provided by leadership as they are available): <ul style="list-style-type: none"><li>• Triage Subcommittee: <a href="http://www.naesb.org/pdf4/tr012510disposition.doc">http://www.naesb.org/pdf4/tr012510disposition.doc</a> (report), <a href="http://www.naesb.org/pdf4/tr012710agenda.doc">http://www.naesb.org/pdf4/tr012710agenda.doc</a> (new requests)</li><li>• Business Practices Subcommittee (BPS) and Texas Task Force</li><li>• DSM-EE Subcommittee</li><li>• Information Requirements Subcommittee (IR )</li><li>• Technical Electronic Implementation Subcommittee (TEIS)</li><li>• Glossary Efforts</li></ul>   |
| 6. | Review, discuss, identify changes and vote to approve changes to the 2010 Annual Plan to be proposed to the Board of Directors: <a href="http://www.naesb.org/pdf4/retail_2010_annual_plan.doc">http://www.naesb.org/pdf4/retail_2010_annual_plan.doc</a> (simple majority vote for EC endorsement of proposed changes to be forwarded for Board approval)   |
| 7. | Board of Directors, Board Committee and Regulatory Updates (no votes or action to be taken): <ul style="list-style-type: none"><li>• Board Updates - Board Meeting December 10, 2009: <a href="http://www.naesb.org/pdf4/bd121009dm.doc">http://www.naesb.org/pdf4/bd121009dm.doc</a></li><li>• Wholesale Gas and Wholesale Electric key activities – WGQ Annual Plan, WEQ Annual Plan - <a href="http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc">http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc</a> (WGQ), <a href="http://www.naesb.org/pdf4/weq_2010_annual_plan.doc">http://www.naesb.org/pdf4/weq_2010_annual_plan.doc</a> (WEQ)</li></ul>  |
| 8. | Other Business <ul style="list-style-type: none"><li>• 2010 Schedule: <a href="http://www.naesb.org/misc/2010_schedule.pdf">http://www.naesb.org/misc/2010_schedule.pdf</a></li></ul>  |
| 9. | Adjourn  |

*Attire – Business Casual*



## North American Energy Standards Board

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**NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING**  
**WHOLESALE GAS QUADRANT **REVISED** DRAFT AGENDA**  
**Thursday, February 4, 2009 – 10:00 am to 4:00 pm M**  
**PERA Club, Phoenix, AZ**

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- | # | Agenda Item |
|---|-------------|
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1. Welcome
    - Antitrust Guidelines [http://www.naesb.org/misc/antitrust\\_guidance.doc](http://www.naesb.org/misc/antitrust_guidance.doc) (Guidance)
    - Welcome to members and attendees
    - Quorum Establishment: Roll Call of WGQ EC Members and Alternates: [http://www.naesb.org/pdf4/ec\\_terms.pdf](http://www.naesb.org/pdf4/ec_terms.pdf) (EC) and [http://www.naesb.org/pdf4/alt\\_ec\\_members.pdf](http://www.naesb.org/pdf4/alt_ec_members.pdf) (EC Alt)
    - Adoption of WGQ Agenda (simple majority) <http://www.naesb.org/pdf4/ec020210a.doc>
  2. WGQ Quadrants Draft Minutes (simple majority to approve)
    - Adoption of the WGQ EC Meeting Minutes:  
October 29, 2009: [http://www.naesb.org/pdf4/wgq\\_ec102909dm.doc](http://www.naesb.org/pdf4/wgq_ec102909dm.doc), [http://www.naesb.org/pdf4/wgq\\_ec020410w1.doc](http://www.naesb.org/pdf4/wgq_ec020410w1.doc)  
(redlined supplied by D. Davis)
  3. Discuss, Consider and Vote on Minor Corrections (simple majority):
    - MC10001 - Revised - Minor Correction Submitted by M. Stender, El Paso Natural Gas to NAESB standard 5.4.1, 5.4.2 and 5.4.17 version 1.9: [http://www.naesb.org/pdf4/wgq\\_mc10001\\_revised011210.doc](http://www.naesb.org/pdf4/wgq_mc10001_revised011210.doc)
    - MC10002/R09019 - Minor Correction (errata to Version 1.9) to modify three and add one new Allocation Transaction Type Code Values and modify the Allocation Transaction Type Matrix accordingly in the following data set: Allocation, NAESB WGQ Standard No. 2.4.3 (Note: This recommendation corrects the actions taken for R05028 which were published in Version 1.9.): [http://www.naesb.org/pdf4/wgq\\_mc10002.doc](http://www.naesb.org/pdf4/wgq_mc10002.doc)
    - MC10003 - Minor Correction to Version 1.9 NAESB WGQ Standard No. 2.2.4 – Shipper Imbalance (EDI Implementation: ASC X12 Mapping Guidelines and Data Element Cross Reference): [http://www.naesb.org/pdf4/wgq\\_mc10003.doc](http://www.naesb.org/pdf4/wgq_mc10003.doc)
    - MC09024 Recommendation - Submitted by M. Schmitz, Northern Natural Gas - This request proposes the addition of 1 code values for the data element “Validation Code (Detail)” in the following datasets for the NAESB WGQ Version 1.9 release: NAESB WGQ Standard 1.4.2 - Nomination Quick Response [http://www.naesb.org/pdf4/wgq\\_mc09024\\_rec\\_011810.doc](http://www.naesb.org/pdf4/wgq_mc09024_rec_011810.doc)
    - MC09033 Recommendation - Submitted by M. Schmitz, Northern Natural Gas - This request proposes the addition of 4 code values for the data element “Charge Type” in the following datasets for the NAESB WGQ Version 1.9 release: NAESB WGQ Standard 3.4.1 – Transportation / Sales Invoice: [http://www.naesb.org/pdf4/wgq\\_mc09033\\_rec\\_011910.doc](http://www.naesb.org/pdf4/wgq_mc09033_rec_011910.doc)
    - MC10005 Recommendation – Submitted by C. Burden, Williams Gas Pipeline – This request proposes the correction of language for the NAESB WGQ Version 1.9 release: NAESB WGQ Standard 4.3.16: [http://www.naesb.org/pdf4/wgq\\_mc10005.doc](http://www.naesb.org/pdf4/wgq_mc10005.doc)
    - MC10006 Recommendation – Submitted by C. Burden, Williams Gas Pipeline – This request proposes corrections to NAESB WGQ Standards Booklet 1 of 2, NAESB WGQ QEDM Standards Manual and NAESB WGQ Capacity Release Standards Manual to correct an error in wording: [http://www.naesb.org/pdf4/wgq\\_mc10006.doc](http://www.naesb.org/pdf4/wgq_mc10006.doc)
    - MC10007 Recommendation – Submitted by C. Burden, Williams Gas Pipeline – This request proposes corrections to NAESB WGQ QEDM Standards Manual, Version 1.9 to correct browser and plug-in information and a spelling correction: [http://www.naesb.org/pdf4/wgq\\_mc10007.doc](http://www.naesb.org/pdf4/wgq_mc10007.doc)
  4. Review, Discuss and Vote on R08020 – Provide for enhanced granularity for public utilities identifying critical operational flow orders
    - Recommendation: [http://www.naesb.org/pdf4/r08020\\_rec.doc](http://www.naesb.org/pdf4/r08020_rec.doc)
    - Comments due January 29, 2010 – none received
  5. Review, Discuss and Vote on R09001 – Add two data elements to the Transactional Reporting – Interruptible Transportation Document (5.4.22)
    - Recommendation: [http://www.naesb.org/pdf4/r09001\\_rec.doc](http://www.naesb.org/pdf4/r09001_rec.doc)
    - Comments due January 20, 2010



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**NORTH AMERICAN ENERGY STANDARDS BOARD EXECUTIVE COMMITTEE MEETING**  
**WHOLESALE GAS QUADRANT **REVISED** DRAFT AGENDA**  
**Thursday, February 4, 2009 – 10:00 am to 4:00 pm M**  
**PERA Club, Phoenix, AZ**

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- | # | Agenda Item |
|---|-------------|
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- Comments submitted by I. King, Dominion Transmission: [http://www.naesb.org/pdf4/wgq\\_122109\\_dominion.doc](http://www.naesb.org/pdf4/wgq_122109_dominion.doc)
6. Subcommittee Updates (meeting materials for updates will be provided by leadership as they are available):
    - Triage Subcommittee: <http://www.naesb.org/pdf4/tr012510disposition.doc> (report),  
<http://www.naesb.org/pdf4/tr012710agenda.doc> (new requests)
    - Business Practices Subcommittee (BPS)
    - Electronic Delivery Mechanisms Subcommittee (EDM)
    - Information Requirements Subcommittee (IR)/Technical Subcommittee
    - Interpretations Subcommittee
    - Contracts Subcommittee
  7. Review, discuss, identify changes and vote to approve changes to the 2010 Annual Plan to be proposed to the Board of Directors:  
[http://www.naesb.org/pdf4/wgq\\_2010\\_annual\\_plan.doc](http://www.naesb.org/pdf4/wgq_2010_annual_plan.doc) (simple majority vote for EC endorsement of proposed changes to be forwarded for Board approval)
  8. Board of Directors, Board Committee and Regulatory Updates (no votes or action to be taken):
    - Board Updates: Board Meeting September 24, 2009:
    - Retail and Wholesale Electric key activities – Retail Annual Plan, WEQ Annual Plan -  
[http://www.naesb.org/pdf4/retail\\_2010\\_annual\\_plan.doc](http://www.naesb.org/pdf4/retail_2010_annual_plan.doc) (Retail),  
[http://www.naesb.org/pdf4/weq\\_2010\\_annual\\_plan.doc](http://www.naesb.org/pdf4/weq_2010_annual_plan.doc) (WEQ)
    - Update on Board Retail Structure Review Committee efforts
    - FERC Efforts:
      - FERC NOPR on NAESB WGQ Version 1.9 Standards (Docket No. RM96-1-036):  
[http://www.naesb.org/pdf4/ferc111909\\_nopr\\_wgq\\_1.9.pdf](http://www.naesb.org/pdf4/ferc111909_nopr_wgq_1.9.pdf)
  9. Other Business:
    - 2010 Schedule: [http://www.naesb.org/misc/2010\\_schedule.pdf](http://www.naesb.org/misc/2010_schedule.pdf)
  10. Adjourn

*Attire – Business Casual*



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November 11, 2009

**TO:** NAESB Wholesale Electric Quadrant Executive Committee and Interested Industry Participants  
**FROM:** Deonne Cunningham, NAESB Staff Attorney  
**RE:** Wholesale Electric Quadrant Executive Committee Meeting Draft Minutes

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**NORTH AMERICAN ENERGY STANDARDS BOARD  
WHOLESALE ELECTRIC QUADRANT  
EXECUTIVE COMMITTEE MEETING  
Hosted by Dominion – Glen Allen, Virginia  
Tuesday, October 27, 2009 – 10:00 am to 4:00 pm Eastern  
DRAFT MINUTES**

### 1. Welcome

Ms. York called the meeting to order and welcomed the Wholesale Electric Quadrant (“WEQ”) Executive Committee (“EC”) members, alternates and other participants. Ms. Cunningham gave the antitrust guidance and called the roll of the WEQ EC members and alternates. Quorum was established. The other participants, both in attendance and on the phone, introduced themselves.

### 2. Adoption of Draft Agenda and Minutes

Draft Agenda: The members reviewed and held discussion on the agenda. Mr. Breidenbaugh inquired as to whether the DSM-EE update could held in concert with the discussion of the 2009 WEQ Annual Plan. The members agreed to hold the DSM-EE update in conjunction with the Annual Plan discussion. Mr. True moved to adopt the agenda as amended and Mr. Rodriguez seconded the motion. The motion passed without opposition.

August 18, 2009 Meeting Minutes: The participants reviewed the draft minutes from the [August 18, 2009](#) WEQ EC meeting. Mr. Davis moved to adopt the draft minutes and Mr. True seconded the motion. Mr. True and Ms. Otondo offered minor corrections to the draft meeting minutes. Mr. Davis accepted the corrections as friendly amendments to their motion to adopt the draft minutes. The motion passed without opposition. The final minutes can be found on the NAESB website through the following hyperlink: [http://naesb.org/pdf4/weq\\_ec081809fm.doc](http://naesb.org/pdf4/weq_ec081809fm.doc).

### 3. Review and vote on 2009 WEQ Annual Plan item 1.a; 3.a.vii; R05020: 1.8.1 e-Tag Specifications and Schema

Mr. Harshbarger provided a brief overview of the 2009 WEQ Annual Plan Item 1.a, 3.a.vii/R05020: 1.8.1 e-Tag Specifications and Schema. He noted that the e-Tag Specification and Schema was transferred from NERC to NAESB. He further noted that the e-Tag Specification and Schema will be considered as technical implementation guide and will be processed with a simple majority vote. During the October 20, 2009 Joint Electric Scheduling Subcommittee (JESS) meeting, the group reviewed the formal comments submitted by industry participants. The group responded to the formal comments and incorporated the majority of the comments into a redlined version of the recommendation. Mr. Harshbarger stated that the JESS agreed that the comments submitted by New Brunswick were out of scope of the recommendation. However, the New Brunswick comments will be considered and may possibly be incorporated into the technical modifications to the INT Standards and corresponding Coordinate Interchange standards. The JESS also determined that the comments submitted by the Standards Review Subcommittee (SRS) were also outside of the scope of the e-Tag specifications and Schema.

Ms. York questioned the status of the Non-Disclosure Agreement. Mr. Booe stated that he would follow up with Mr. Boswell, NAESB General Counsel and an update will be provided to the JESS and EC at their respective meetings. Mr. Harshbarger noted, that the modifications made during the October 20, 2009 JESS meeting were lost due to computer malfunction and had to be reconstructed. Mr. Sorenson suggested modifications to the e-Tag Specifications and Schema that were not previously captured in the reconstructed version of the recommendation.



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Some EC members expressed concern that all formal comments had not been incorporated into the posted document and requested more time to review the document. During the EC meeting, Ms. McQuade noted that since the e-Tag Specifications and Schema are not considered standards (as it is a technical implementation guide), the EC could vote by simple majority pending review by EC members and alternates. She further noted that if the NAESB office receives any negative votes or comments by close of the commenting period/voting period, e-Tag Specifications and Schema would not be considered adopted by the EC and would return as an action item to the EC for further action.

After group discussion, Mr. True made the following motion: “Motion to adopt the recommendation 2009 WEQ Annual Plan Items 1(a); 3(a)(vii); R05020: 1.8.1 e-Tag Specifications and Schema as provided by B. Harshbarger during the meeting – as discussed and amended during the meeting pending WEQ EC review.” Mr. Hackney seconded the motion. With a simple majority vote, the motion passed unanimously [*No adverse comments were received by the NAESB office*]. The revised e-Tag Specifications and Schema as approved by the WEQ EC is available for review via the following link: [http://naesb.org/pdf4/weq\\_ec102709a1.doc](http://naesb.org/pdf4/weq_ec102709a1.doc).

#### **4. 2009 WEQ Annual Plan Item 1.a R05020 and 3.a.vii- Coordinate Interchange (super majority vote)**

Mr. Harshbarger provided a brief overview of the [2009 WEQ Annual Plan Item 1.a/R05020 and 3.a.vii.- Coordinate Interchange standards](#). During the October 20, 2009 JESS meeting, the subcommittee reviewed and responded the formal comments submitted by industry participants, which had been incorporated into the recommendation as part of the late JESS comments. The subcommittee’s responses were incorporated into a redline version of the recommendation posted for the meeting. Ms. Wesley noted that the comments submitted by PJM were not reviewed by the JESS.

Mr. Skiba made the following motion: “Motion to adopt recommendation 2009 WEQ Annual Plan Items 1.a/R05020 and 3.a.vii – Coordinate Interchange and to accept as a friendly amendment the comments from the JESS and PJM.” Ms. Wesley seconded the motion. Ms. Wesley offered the comments submitted by PJM and to re-add the deleted definitions as a friendly amendment to the recommendation. Mr. Skiba agreed to the friendly amendment. The members agreed to review all formally submitted comments with respect to this recommendation to ensure that all comments were incorporated by the JESS. Upon review of the comments, Ms. Mizumori questioned whether the definition for the term, Interchange Authority, should be differentiated from e-Tag Authority Service. The group held brief discussion as it related to reviewing Coordinate Interchange standards for the usage of the term, Interchange Authority.

Mr. Sorenson noted that all definitions have been removed from the Coordinate Interchange standards and will be placed into WEQ-000 (Definitions recommendation currently under development). The group held discussion as to whether various definitions should remain within the WEQ-004 Coordinate Interchange standards. Mr. Rodriguez offered the following amendment to the motion: “Review the document for the term, Interchange Authority”. Ms. Mizumori seconded the motion. With a simple majority vote, the amendment failed, 16 opposed and nine in favor (see A1 in voting record table).

Ms. York asked if anyone would like to offer any other amendments to the motion to adopt the recommendation. None were offered. The participants took a super majority roll call vote on the motion to adopt the recommendation as amended. The motion passed a super majority call vote (with Mr. Berwager requesting a notational ballot) [V1]. The revised recommendation (redline) as approved by the EC is available for viewing from a download from the NAESB web site.<sup>1</sup>

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<sup>1</sup> The adopted recommendation and attachment can also be accessed from the following links –

Recommendation WEQ 2009 Annual Plan Item (1.a) R05020; WEQ 2009 Annual Plan Item (3.a.vii) as approved by the WEQ EC on 10/27/09 (Redline) : [http://www.naesb.org/pdf4/weq\\_ec102709a3.doc](http://www.naesb.org/pdf4/weq_ec102709a3.doc)

Attachment to Recommendation WEQ 2009 Annual Plan Item (1.a) R05020; WEQ 2009 Annual Plan Item (3.a.vii) as revised by the WEQ EC on 10/27/09 (Redline): [http://www.naesb.org/pdf4/weq\\_ec102709a4.doc](http://www.naesb.org/pdf4/weq_ec102709a4.doc)

Recommendation WEQ 2009 Annual Plan Item (1.a) R05020; WEQ 2009 Annual Plan Item (3.a.vii) as approved by the WEQ EC on 10/27/09 (Clean): [http://www.naesb.org/pdf4/weq\\_ec102709a5.doc](http://www.naesb.org/pdf4/weq_ec102709a5.doc)



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### 5. Discussion, consideration, and vote for minor correction submitted by J.T. Wood:

Mr. Wood provided a brief review of the submitted minor correction. He noted that all references to FERC orders had previously been removed and that this reference was the only remaining reference in WEQ-001. Mr. Hackney moved to adopt the minor correction as submitted by Mr. Wood. Mr. Skiba seconded the motion. The members held brief discussion as it relates to the minor correction. With a simple majority vote, the motion passed unanimously. The minor correction will be applied to NAESB WEQ Version 002.1.

### 6. Subcommittee Updates

Triage Subcommittee: Ms McQuade provided a brief update as to the activities of the Triage Subcommittee. She noted that the subcommittee has recently reviewed standards requests [R09015](#), which was submitted by Mr. Harshbarger on behalf of Puget Sound Energy. Ms. McQuade noted that the subcommittee recommended that this request be handled by the WEQ OASIS Subcommittee. This standards request has been presented to the EC for consideration. If no concerns are presented, then on October 30, 2009, the triage notes will be posted on the NAESB web site indicating that the Triage Subcommittee and the EC agrees with the above actions, and the requests will be forwarded to the chairs of the subcommittees to which they have been assigned. The subcommittee also reviewed the following Standards Requests: [R09014](#), [R09016](#), [R09017](#), [R09018](#), and [R09019](#). Ms. McQuade noted that these requests will be directed towards the WGQ Business Practice and Contracts Subcommittees.

Business Practices Subcommittee: Mr. Skiba gave a [PowerPoint presentation](#) which included the activities of the WEQ Business Practices Subcommittee (BPS) and the Time and Inadvertent Task Force (TIMTF) and an update on Transmission Loading Relief (TLR). The WEQ BPS has held three meetings since the August 2009 EC meeting, with two of the meetings held jointly with the WGQ BPS. The subcommittee has primarily focused on the 2009 WEQ Annual Plan Item 5.a.2/R08004- Gas/Electric Communication Consistency Changes and 2009 WEQ Annual Plan Item 5.i/R09011- Change Power Plant Operator to Power Plant Gas Operator. These items were approved by the subcommittee during the September 2009 meetings. The recommendations are currently posted for 30-day formal comment period and the comment period will end November 2, 2009. The subcommittee is currently working on the 2009 WEQ Annual Plan Item 1.b.i- Parallel Flow Visualization / Mitigation for Reliability Coordinators in the Eastern Interconnection.

With respect to the Joint NERC Transmission Loading Relief Standards Drafting Team (TLRDT) and WEQ BPS efforts, the Market Flow Threshold recommendation was voted out of the NERC Market Flow Threshold Taskforce and Operations Reliability Subcommittee on September 1, 2009. The recommendation was presented to the NERC Operating Committee on September 15, 2009 and the NERC Standards Committee on October 7, 2009. Mr. Rodriquez stated that the revised draft standards for IRO-006-5 and IRO-005-EAST-1 are currently pending.

With respect to the Joint NERC Balancing Authority Control Standards Draft Team (BACSdT) and the WEQ TIMTF, the groups have met three times since the August 2009 meeting. During a NERC and NAESB conference call on October 5, 2009, it was agreed that NAESB will maintain a monitoring position until NERC is further along in the standards development process.

Mr. Skiba questioned whether the WEQ and WGQ should joint review NERC Interpretations and should these interpretations be included in the NAESB triage process. He referenced the NERC INT-001 standards that were related to the WEQ and WGQ Business Practice Standards. He noted that the WGQ was not involved in this effort and questioned should WGQ have been involved and/or notified. Ms. McQuade stated that if interpretations apply to standards of multiple quadrants, then the interpretation should be assigned jointly to the respective quadrants. Ms. McQuade stated that further discussion as to this matter will take place with Mr. Skiba, Ms. Otondo, and Mr. Boswell, NAESB General Counsel. Mr. Rodriquez added that the Parallel Visualization effort may also require a review from the WGQ. He will provide further information as it relates to this matter and report back to the members during the February 2010 meeting.

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Attachment to Recommendation WEQ 2009 Annual Plan Item (1.a) R05020; WEQ 2009 Annual Plan Item (3.a.vii) as revised by the WEQ EC on 10/27/09 (Clean): [http://www.naesb.org/pdf4/weq\\_ec102709a6.doc](http://www.naesb.org/pdf4/weq_ec102709a6.doc)

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## North American Energy Standards Board

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DSM-EE Subcommittee: Mr. Breidenbaugh and Mr. Winkler provided an update concerning the activities of the DSM-EE Subcommittee for the WEQ Phase 2 work. Mr. Breidenbaugh made the following points:

- During the February 2009 WEQ EC meeting, he recommended the following for the Phase II of the Wholesale Electric Market Measurement and Verification Standards for Demand Response effort: “Develop more detailed technical standards for the measurement and verification of demand response products and services in ISO-RTO footprint areas.”
- Subsequently, the WEQ EC approved this addition to the 2009 WEQ Annual Plan Item 4.b.
- The WEQ DSM-EE scoping task force was formed and held several meetings to adopt an approach to Phase II as outlined in the ISO/RTO matrix, which is referenced within the Wholesale Electric Market Measurement and Verification Standards for Demand Response.
- The taskforce has been unable to agree on the next course of action. One group within the taskforce agrees that NAESB should develop the “best practices” as noted by FERC in the NOPR. Another group within the taskforce agrees that that NAESB should begin to develop common rules on how ISO/RTOs can develop new Demand Response programs.

Mr. Winkler agreed with Mr. Breidenbaugh’s summary and added that the ISO/RTO matrix is a fluid document providing a summary of the ISO/RTOs tariffs and operating procedures. The group held discussion as it relates to the “best practices” as noted in the FERC NOPR, comments provided regarding the FERC NOPR, and the progress made to date by the phase 2 work group. After discussion, Ms. York formed a WEQ EC task force with one member appointed from each segment [members appointed after the meeting included: Roy True, Alan Prichard, Cathy Wesley, John Cizza, Lou Ann Westerfield led by Alan Johnson] to provide recommended actions to the WEQ EC for direction to the WEQ Phase 2 work underway. This task force will review the existing standards to determine the guidance to be given for developing DR standards augmenting the completed standards. The task force will report back to the EC in November and EC determinations will be reflected on the 2010 annual plan.

OASIS Subcommittee: Mr. Wood provided an update of the OASIS Subcommittee activities. The WEQ OASIS subcommittee is currently working on the 2009 WEQ Annual Plan Item 2.a.i- Network Service on OASIS. The draft recommendation has been posted for an informal comment period and will be reviewed during the October 28-29, 2009 meeting. Mr. Wood stated that the Annual Plan item should be completed by first quarter 2010. He further noted that the OASIS subcommittee has scheduled additional meetings with regards to this effort.

Ms. McQuade questioned whether the publication deadline for Version 2.2 should remain for first quarter 2010. Ms. Otondo responded that once NITS on OASIS has been completed, it could be filed with FERC as it represents a major milestone completed. Ms. McQuade noted that the publication deadline for Version 2.3 could be first quarter 2011 and this would allow for the completion of Groups 4, 5, and 6. Mr. Skiba noted that the changes to the WEQ Glossary would also need to be included in Version 2.2 when filed with FERC.

Mr. Wood stated that he participated in the NERC Project 2008-01: Voltage and Reactive Planning and Control SAR Standard Drafting Team call that was held October 22, 2009. He noted that the SAR is still in a drafting stage and no NAESB coordination will be necessary at this time.

Joint Electric Scheduling Subcommittee (“JESS”): Mr. Harshbarger provided a brief update as it relates to the JESS activities. On October 20, 2009, the JESS reviewed and responded to all of the formal comments submitted by industry participants. The JESS will review the 1.8.1 e-Tag Implementation and Test Plans during its October 30, 2009 conference call. He addressed his concern with meeting the December 1, 2009 deadline as noted in the 1.8.1 e-Tag Implementation Plan. The subcommittee will further address these concerns during the November 18-19, 2009 meeting. This face-to-face meeting will be held at Entergy in New Orleans, Louisiana.

Standards Review Subcommittee (SRS): Mr. Saini provided an update and gave a [PowerPoint presentation](#) concerning the activities of the SRS. The SRS has held two meetings since August 2009 EC meeting. The subcommittee continues to monitor NERC Reliability Activities monthly and identify projects that may require joint NERC and NAESB coordination. The SRS also provided feedback on the NERC Reliability Standards



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Development Plan 2009-2012. Ms. York urged members to attend the SRS meetings and asked for volunteers to participate in the November 3, 2009 and December 15, 2009 meetings. Mr. Babik, Mr. Martinko, Mr. Rodriquez agreed to participate in the November 3, 2009 conference call. Mr. Rodriquez and Mr. Pritchard will participate in the December 15, 2009 conference call. [The NAESB office provided email reminders of these meetings to the volunteers following the conclusion of the EC meeting.]

Glossary Efforts: Mr. Skiba provided an update of the WEQ glossary effort. He stated that a draft of the WEQ Glossary recommendation was posted for a 30-day informal comment period. The WEQ subcommittee chairs held an open meeting on October 7, 2009 to review and respond to the comments submitted by industry participants. Mr. Skiba noted that previously, it was agreed that the subcommittee co-chairs would make modifications to the redline version of the recommendation. It has now been agreed that the draft recommendation will state that the conforming changes will be made by the NAESB staff after the recommendation is accepted. As such, the subcommittee co-chairs will not be responsible for making the conforming changes. Ms. McQuade noted that a laundry list of conforming changes, which will include a list of abbreviations and acronyms, will be posted as the recommendation noted above and will be sent out for a 30 day formal comment period. After the recommendation is voted on by the WEQ EC, the conforming changes will be applied and represented in the Version 2.2 publication.

### **7. Review, discuss, identify changes and vote to approve changes to the 2009 Annual Plan to be proposed to the Board of Directors:**

The participants reviewed the proposed modifications to the [2009 WEQ Annual Plan](#). Mr. Skiba noted that the completion date for the WEQ Annual Plan Items 1.d and 1.e be modified as "TBD." He suggested that the status for WEQ Annual Plan Items 3.a.vi-vii be modified to indicate that both items have been completed by the JESS. He further suggested that the completion date for the WEQ Annual Plan Items 5.a.2 be modified as "3<sup>rd</sup> quarter 2010" and the status to be modified as "completed." He noted that the status for WEQ Annual Plan Item 5.i should be modified as "completed" and that the completion date is "4<sup>th</sup> quarter 2009." He further included a Provisional Item 9 which will be carried over to the 2010 WEQ Annual Plan. Ms. Otondo suggested that the completion date for the 2009 WEQ Annual Plan Item 3.a.iv.1 should be changed to "4<sup>th</sup> quarter 2010." Mr. Harshbarger suggested that the completion dates 2009 WEQ Annual Plan Item 3.a.viii should remain as to be completed 2010.

Ms. McQuade noted that the status for WEQ Annual Plan Item 4.c. should be modified as "completed." She further noted that the status for WEQ Annual Plan Item 4.d. should be modified to read as "Ongoing." WEQ Annual Plan Item 4.g was modified to include the completion date as "2010" and that a working group has been assigned to this item. All completion dates with respect to the Phase II effort were modified to be completed in 2010. Mr. Skiba stated that the organizational chart listed below the WEQ Annual Plan should be modified to include the Smart Grid working group. Mr. Skiba moved to adopt the modifications to the 2009 WEQ Annual Plan. Mr. Pritchard seconded the motion. The revised WEQ Annual Plan will be presented for approval during the December 2009 NAESB Board meeting. The revised WEQ Annual Plan is available for review via the following link: [http://naesb.org/pdf4/weq\\_ec102709a2.doc](http://naesb.org/pdf4/weq_ec102709a2.doc).

### **8. Discuss 2010 Annual Plan effort**

Ms. McQuade stated that a conference call to review the draft 2010 WEQ Annual Plan has been scheduled for November 9, 2009. The comments regarding the 2010 WEQ Annual Plan are due to the NAESB office by November 5, 2009. She noted that any modifications to the concerning the Wholesale Demand Response M&V efforts can be handled on a separate call.

### **9. Miscellaneous Process Issues for discussion:**

Overlapping WEQ Subcommittee meetings: Mr. Skiba noted that several of the Smart Grid Task Force and working group meetings are overlapping with other WEQ Subcommittee meetings. He questioned whether NAESB staff could schedule Smart Grid meetings on separately from other WEQ Subcommittee meetings. Ms. McQuade stated that the Smart Grid Task Force meetings were previously scheduled in concert with several other groups including members from OASIS, CalConnect, FIX, UCAIug, NIST, DOE, FERC and NARUC. She further noted that while NAESB procedures are being used to help facilitate the process, the dates were agreed to by the Task Force



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members due to the aggressive deadlines set by NIST – the meetings are held at least twice weekly, all available by phone and web cast... Ms. Otondo noted her concern over NAESB resources being used towards the Smart Grid efforts with NAESB also undertaking many other WEQ efforts. It was noted that this NAESB leadership and participation was at the direction of the Board.

Timing on Informal Comments: Mr. Skiba questioned whether the EC can take action on the deadline to submit informal comments. He noted that some subcommittees have posted recommendations for an informal comment period that does not permit participants a reasonable time to review and provide input. The group held brief discussion as to what is a reasonable time for the review and submission of informal comments. Ms. McQuade noted that the posting of a recommendation for an informal comment period is at the subcommittee chair's discretion. Formal commenting though must be a period of at least 30 days.

### **10. Board of Directors, Board Committee and Regulatory Updates**

Board Updates, Wholesale Gas and Retail Key Activities and Retail Restructuring: Ms. McQuade provided a review of the actions taken by the Board of Directors at the September 24, 2009 meeting. She highlighted the key activities for the WGQ and the Retail quadrants.

Segment structure change: Ms. McQuade provided a brief update as to the segment structure change. On October 19, 2009, the NAESB Managing Committee, members from the NAESB Board, WEQ EC, and Smart Grid Strategic Steering Committee and any other interested participants met via conference call to discuss modifications to the WEQ Procedures for addition of a new segment. These modifications provided for the addition of a technology/services segment and clarification for sections 7.5 and 10.5 C(1) for the use of "at large" designations. The WEQ Board members will be asked to vote on the amended procedures in a notational ballot in November, with results of that ballot reported in December. If the Board ballot meets the requirements of a supermajority, the ratification ballot will be distributed, with results expected in January 2010.

### **8. Adjourn**

Ms. Knox moved to adjourn the meeting and Mr. Skiba seconded the motion. The meeting adjourned at 4:06 p.m. Eastern.



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## 9. Attendance

October 27, 2009 – WEQ EC Attendance and Voting Record

ATTENDANCE VI AI Motions are included within the meeting minutes. Y – indicates an affirmative vote, N indicates a vote in opposition, RB indicates that the voter requested and/or received a notational ballot to cast his or her vote during the notational balloting period, A – indicates an abstention, (NB) – indicates that the vote was made through a notational ballot, a blank cell indicates that the voter was not present when the vote was called.

TRANSMISSION SEGMENT		SUBSEGMENT:	
In Person	Y	Patrick McGovern	Georgia Transmission Corporation
Phone	Y	Barbara Rehman alt for W. Weathers	Salt River Project
Phone	Y	Daryl McGee	Southern Company Services
In Person	Y	Edward Davis	Entergy Services, Inc.
Phone	Y	Mark Hackney	Arizona Public Service
In Person	Y	Bob Harshbarger	Puget Sound Energy
Phone	Y	Michelle Mizumori	WECC
			Muni/Coop
			Fed/State/Prov.
			IOU
			IOU
			at large
			at large
			At-Large

GENERATION SEGMENT		SUBSEGMENT:	
Phone	Y	William J. Gallagher	Vermont Public Power Supply Authority
In Person	Y	Kathy York	Tennessee Valley Authority
In Person	Y	Jalal Babik	Dominion Resource Services, Inc.
In Person	Y	John Ciza	Southern Company Services
In Person	A	Alan Johnson	NRG Energy, Inc.
	YB	Trent Carlson	RRI Energy Services, Inc.
		Neal Balu	Wisconsin Public Service Corporation
			Muni/Coop
			Fed/State/Prov.
			IOU
			IOU
			Merchant
			at large
			at large

MARKETERS/BROKERS SEGMENT		SUBSEGMENT:	
In Person	Y	Mack Thompson	American Municipal Power
	N	Valerie Crockett alt. for B. Thornton	Tennessee Valley Authority
		VACANCY	
		Richard Lehman	Salt River Project
Phone	Y	John Apperson	PacifiCorp Energy
			at large
			IOU
			Muni/Coop
			Fed/State/Prov.



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## October 27, 2009 – WEQ EC Attendance and Voting Record

ATTENDANCE V1 A1 Motions are included within the meeting minutes. Y – indicates an affirmative vote, N indicates a vote in opposition, RB indicates that the voter requested and/or received a notational ballot to cast his or her vote during the notational balloting period, A – indicates an abstention, (NB) – indicates that the vote was made through a notational ballot, a blank cell indicates that the voter was not present when the vote was called.

In Person	Y	N	Roy True	ACES Power	at large
In Person	Y	A	Barry Green	Electric Power Supply Association (EPSA)	at large

### DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT

			Ray Phillips	Alabama Municipal Electric Authority	Muni/Coop
			VACANCY		
In Person	Y	N	Alan Pritchard	Duke Energy Corporation	IOU
	YB		Jeffrey C. Mueller	Public Service Electric and Gas Company	IOU
In Person	Y	Y	Robert Martinko	FirstEnergy Service Company	at large
Phone	RB	N	Syd Berwager	Bonneville Power Administration	Other
In Person	Y	N	Andy Rodriguez	NERC	At-Large

### END USERS SEGMENT

			VACANCY		
Phone	Y		Aaron Breidenbaugh	EnerNOC, Inc.	At-Large
			Lou Ann Westerfield	Idaho Public Utilities Commission, rep. National Association of Regulatory Utility Commissioners	Regulator
			VACANCY		
			VACANCY		
			VACANCY		
In Person	Y	Y	Paul Sorenson	Open Access Technology International, Inc.	At-Large

### INDEPENDENT GRID OPERATORS/PLANNERS SEGMENT

Phone	Y	N	Thomas Bowe	PJM Interconnection	
In Person	Y	N	Jim Castle	New York Independent System Operator, Inc.	
In Person	Y	N	Matt Goldberg	ISO New England, Inc.	
Phone	Y	N	Anjali Sheffrin	California ISO	



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## October 27, 2009 – WEQ EC Attendance and Voting Record

**ATTENDANCE**      V1      A1      Motions are included within the meeting minutes. Y – indicates an affirmative vote, N indicates a vote in opposition, RB indicates that the voter requested and/or received a notational ballot to cast his or her vote during the notational balloting period, A – indicates an abstention, (NB) – indicates that the vote was made through a notational ballot, a blank cell indicates that the voter was not present when the vote was called.

Phone	Y	N	Electric Reliability Council of Texas
In Person	Y	N	Midwest ISO
In Person	Y	N	Southwest Power Pool
	Y	N	Paul Wattles alt. for Joel Mickey
	Y	N	Ed Skiba
	Y	N	Charles Yeung
<b>TOTALS</b>	Votes possible	Votes Cast	Percentage Affirmative Votes Cast
		Super Majority V1	
<b>TOTAL</b>	36	29 affirmative 1 abstention	81%
			Reaching the 40% Segment Affirmative Vote Threshold?
			Y
			Motion Passing
			Passes Super Majority Vote

## Other Participant Attendance

Participant	Organization	Attendance
Larry Williamson	Black Hills Corporation	Phone
Walter Baker	Dominion Resources	In Person
Barbara Rehman	Bonneville Public Administration	Phone
Bert Gumm	OATI	Phone
Narinder Saini	Entergy	In Person
Bruce McAllister	FERC	Phone
Eric Winkler	ISO-NE	Phone
Michele Greening	PPL EnergyPlus, LLC	Phone
Shay LaBray	PacifiCorp	Phone
Ernie Cardone	NYISO	Phone
Marie Knox	Midwest ISO	In Person



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## Other Participant Attendance

Participant	Organization	Attendance
Marcie Otondo	Arizona Public Service	In Person
JT Wood	Southern Company	In Person
Bill Boswell	NAESB	Phone
Rae McQuade	NAESB	In Person
Jonathan Booe	NAESB	In Person
Deonne Cunningham	NAESB	In Person
Veronica Thomason	NAESB	In Person
Jill Vaughn	Preferred Legal	In Person
Eric Winkler	ISO-NE	Phone



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**December 3, 2009**

**TO:** NAESB Wholesale Electric Quadrant Executive Committee and Interested Industry Participants  
**FROM:** Cory Galik Cummings, NAESB Staff Attorney  
**RE:** Wholesale Electric Quadrant Executive Committee Sing Topic Conference Call Draft Minutes

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**NORTH AMERICAN ENERGY STANDARDS BOARD  
WHOLESALE ELECTRIC QUADRANT  
EXECUTIVE COMMITTEE  
SINGLE TOPIC CONFERENCE CALL  
Thursday, December 3, 2009 – 2:00 pm to 4:00 pm Central  
DRAFT MINUTES**

### **1. Welcome**

Ms. York called the meeting to order and welcomed the Wholesale Electric Quadrant (“WEQ”) Executive Committee (“EC”) members, alternates and other participants. Ms. Cummings gave the antitrust guidance and called the roll of the WEQ EC members and alternates. Quorum was established. The other participants, both in attendance and on the phone, introduced themselves. Mr. Skiba moved, seconded by Mr. True, to adopt the agenda as drafted. The motion passed unanimously.

### **2. Review and vote on the WEQ EC Demand Response Task Force recommendation**

Mr. Johnson, the chair of the WEQ EC Demand Response Task Force led the discussion of the [recommendation](#). The WEQ EC DR Task Force met six times and had several conversations with both Mr. Breidenbaugh and Mr. Winkler, co-chairs of the WEQ DR work group. Based on conversations with the co-chairs, FERC staff and the review of relevant documents, the task force developed three recommendations; 1) direct the subcommittee to review the business practices for measurement and verification (M&V) of wholesale electricity demand response (the Phase I standards) and identify standards that could be enhanced; 2) investigate and develop additional information specific to performance evaluation type and associated service type and; 3) assign new leadership to the subcommittee. The recommendation also included additional observations and a potential new annual plan item. The first two recommendations contained updated language for the 2010 WEQ Annual Plan.

The floor was opened for comments. Mr. Skiba suggested enhanced coordination with NAESB’s ongoing Smart Grid efforts. Additional language was added to annual plan item 4(a) to capture the idea of coordination between the Smart Grid and Demand Response efforts. Ms. McQuade noted that some participants were involved in both efforts, which helped to ensure the continuation of coordination between the two groups. The retail demand response work will also be included in this coordination. Mr. True suggested using the NAESB monthly update calls to help coordinate these efforts. Ms. McQuade agreed with his suggestion. Ms. Westerfield moved to accept the revisions to the first recommendation and Mr. Goldberg seconded the motion (Vote 1). The motion passed unanimously.

The second recommendation was discussed by participants. Mr. Johnson clarified that the purpose of the second recommendation was to provide input to an entity developing an M&V program. The idea was to have the work group create an appendix that would not be part of the standards to serve as a guideline. The audience for the guideline would be the stakeholders in the ISO/RTO process. Ms. McQuade noted that a guideline that is not a part of the standards would require a simple majority vote for approval and once the work product was submitted to FERC, NAESB had no control over the portions of the recommendation that would be adopted by the Commission. Mr. McAlister asked if the guidelines would look at individual program components or be more general in nature. Mr. Johnson answered that the concept would be to recognize the need for more technical details. Mr. Winkler asked if the task force was familiar with the LBL studies on baseline. Mr. Johnson stated he was not familiar with the studies and noted that this was a recommendation for the work group to create guidelines. If this has already



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been done, the work group can note that in their guide. Ms. Wesley was familiar with the studies but noted that the task force had an idea for a higher level body of work than was present in the studies. The language for annual plan item 4(b) was modified to clarify the purpose of the guideline. A motion was made by Mr. Skiba to approve the language in the second recommendation; Mr. Gallagher seconded the motion (Vote 2). Mr. Castle suggested removing the term “preferred combination” from the recommendation, which Mr. Skiba and Mr. Gallagher accepted as a friendly amendment. Mr. Winkler suggested the removal of the terms “pros and cons” to be replaced with the term “characteristics” from the recommendation. Mr. Breidenbaugh was opposed to this change. Mr. Johnson stated that he was concerned that such a change would not give enough direction to the subcommittee. Mr. Skiba and Mr. Gallagher accepted the change as a friendly amendment. Mr. Pritchard suggested replacing the term “characteristics” with “strengths and weaknesses.” Mr. Skiba did not accept the change as a friendly amendment. All participants approved of the second recommendation with the exception of Mr. Breidenbaugh.

The Executive Committee reviewed the third recommendation. Ms. York stated that the EC has never asked chairs to step down from a leadership role. She wanted to know if, given today’s clarification, the chairs felt they were able to continue as leaders for the work group. Mr. Winkler stated that he had considered resigning due to other commitments and therefore accepted the recommendation. Mr. Breidenbaugh noted that EnerNOC did not have the resources to have two participants on the wholesale demand response work group conference calls and he preferred to advocate rather than chair during the meetings. He also noted that no chairs would have been able to proceed without the guidance the task force supplied to the work group. Mr. Winkler added that the standards development process involved people doing work, and arguing and debating new ideas. The problem in the work group was not the leadership but rather the lack of participation from those on the calls. He questioned whether or not the industry wanted these standards to move forward if they were not willing to participate in their creation. Mr. True offered to step in as the interim chair until permanent replacements can be found. As a result, the third recommendation was stricken.

The additional observations, which included an additional annual plan item, were reviewed by the EC. The new annual plan item called for the development of standards in response to issues raised by FERC’s National Action Plan on Demand Response. Ms. Westerfield noted that the National Action Plan on Demand Response has not been completed and this item was included as a place holder to respond when appropriate. Ms. York suggested creating an additional provisional item rather than including it as an annual plan item. Clarifying changes were made to the observations and the provisional item. A motion to accept the additional observations was made by Mr. Johnson and seconded by Mr. Pritchard (Vote 3). The motion passed unanimously.

The Executive Committee reviewed the [2010 WEQ Annual Plan](#). Mr. Skiba reviewed annual plan items 7(a), (b) and (c). Annual plan item 7(c) is tied with item 2(a)(iii) and the reporting requirement will conclude with the completion of item 2(a)(iii). A motion to accept the annual plan was made by Ms. Westerfield and seconded by Mr. Berwager. The motion passed unanimously.

### **3. Adjourn**

Ms. Westerfield moved, seconded by Mr. Skiba, to adjourn the meeting at 4:37 p.m. Central.



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## 9. Attendance

December 3, 2009 – WEQ EC Attendance and Voting Record

ATTENDANCE			
TRANSMISSION SEGMENT			SUBSEGMENT:
	Patrick McGovern	Georgia Transmission Corporation	Muni/Coop
	Wendy Weathers	Salt River Project	Fed/State/Prov.
Phone	Daryl McGee	Southern Company Services	IOU
Phone	Edward Davis	Entergy Services, Inc.	IOU
	Mark Hackney	Arizona Public Service	at large
Phone	Bob Harshbarger	Puget Sound Energy	at large
	Michelle Mizumori	WECC	At-Large
GENERATION SEGMENT			SUBSEGMENT
Phone	William J. Gallagher	Vermont Public Power Supply Authority	Muni/Coop
Phone	Kathy York	Tennessee Valley Authority	Fed/State/Prov.
	Jalal Babik	Dominion Resource Services, Inc.	IOU
	John Ciza	Southern Company Services	IOU
Phone	Alan Johnson	NRG Energy, Inc.	Merchant
	Trent Carlson	RRI Energy Services, Inc.	at large
	Neal Balu	Wisconsin Public Service Corporation	at large
MARKETERS/BROKERS SEGMENT			SUBSEGMENT
	Mack Thompson	American Municipal Power	Muni/Coop
	Belinda Thornton	Tennessee Valley Authority	Fed/State/Prov.
	VACANCY		
	Richard Lehman	Salt River Project	at large
	John Apperson	PacifiCorp Energy	IOU
Phone	Roy True	ACES Power	at large
	Barry Green	Electric Power Supply Association (EPSA)	at large
DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT			SUBSEGMENT:
	Ray Phillips	Alabama Municipal Electric Authority	Muni/Coop
	VACANCY		
Phone	Alan Pritchard	Duke Energy Corporation	IOU
	Jeffrey C. Mueller	Public Service Electric and Gas Company	IOU
Phone	Robert Martinko	FirstEnergy Service Company	at large
Phone	Syd Berwager	Bonneville Power Administration	Other
	Andy Rodriquez	NERC	At-Large



## North American Energy Standards Board

1301 Fannin, Suite 2350, Houston, Texas 77002  
Phone: (713) 356-0060, Fax: (713) 356-0067, E-mail: [naesb@naesb.org](mailto:naesb@naesb.org)  
Home Page: [www.naesb.org](http://www.naesb.org)

December 3, 2009 – WEQ EC Attendance and Voting Record

### ATTENDANCE

END USERS SEGMENT			SUBSEGMENT
	VACANCY		
Phone	Aaron Breidenbaugh	EnerNOC, Inc.	At- Large
Phone	Lou Ann Westerfield	Idaho Public Utilities Commission, rep. National Association of Regulatory Utility Commissioners	Regulator
	VACANCY		
	VACANCY		
	VACANCY		
	Paul Sorenson	Open Access Technology International, Inc.	At-Large
INDEPENDENT GRID OPERATORS/PLANNERS SEGMENT			
Phone	Cathy Wesley for T. Bowe	PJM Interconnection	
Phone	Jim Castle	New York Independent System Operator, Inc.	
Phone	Matt Goldberg	ISO New England, Inc.	
Phone	Anjali Sheffrin	California ISO	
Phone	Paul Wattles alt. for Joel Mickey	Electric Reliability Council of Texas	
Phone	Ed Skiba	Midwest ISO	
	Charles Yeung	Southwest Power Pool	

### Other Participant Attendance

Participant	Organization	Attendance
Tim Carter	Constellation	Phone
Michele Greening	PPL EnergyPlus, LLC	Phone
Jason Marshall	Midwest ISO	Phone
Bruce McAllister	FERC	Phone
Paul McCurley	NRECA	Phone
Sig Peplowski	NYS DPS	Phone
Marie Pieniazek	Energy Curtailment Specialists	Phone
Eric Winkler	ISO-NE	Phone
Damon Xenopoulos	BBRS	Phone
Cory Galik Cummings	NAESB	Phone
Angela Gonzales	NAESB	Phone
Rae McQuade	NAESB	Phone
Jill Vaughn	Preferred Legal	Phone



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**  
**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**  
**Request Title: Develop a confidentiality agreement**

**1. RECOMMENDED ACTION:**

- Accept as requested
- Accept as modified below
- Decline

**EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

- Change to Existing Practice
- Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**RECOMMENDED STANDARDS:**

With the approval of this recommendation, all Electric Industry Participants would be required to sign this agreement or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry. The Agreement would provide assurance to Industry Participants that other entities are required to treat their data as confidential.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**North American Energy Standards Board  
Non-disclosure Agreement for Electronic Tagging Data**

This non-disclosure agreement ("Agreement") is entered into by and between the North American Energy Standards Board, Inc. ("NAESB") and \_\_\_\_\_ ("Recipient") this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Data transferred through the Electronic Tagging System ("ETS") may contain proprietary information which may result in unfair advantages and disadvantages in the electricity market if unequal access to the data is granted. Therefore, NAESB requires that all entities with access to the ETS accept and receive ETS data in confidence and trust subject to the following conditions:

1. Recipient is affirming that all ETS data will be maintained in the strictest confidence and will not be disclosed to any person or entity other than its officers, directors, and employees who have a need to know, who have been advised of the sensitivity of the material, and who have agreed to be bound by the terms of this Agreement. Recipient agrees not to disclose ETS data to third parties unless:
  - a. the party is directly responsible for immediate real-time operating reliability of a portion of the bulk electric system or otherwise has a lawful need to access ETS data for the purpose of analyzing or maintaining bulk electric system operating reliability at the Recipient's initiative;
  - b. the party is included in the e-Tag Distribution List as specified in Section 3.6.1.1.1 of the NAESB e-Tag Specification;
  - c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO);
  - d. the party is an independent market monitor;
  - e. the party is a consultant employed by an entity that is a party to this document, provided that the consultant also signs this Non-Disclosure Agreement
  - f. compelled to do so by court order, order of an administrative agency of competent jurisdiction, or as otherwise required by law; or
  - g. the data is eight days or older, and the data is made available to any market participant in a fair and non-discriminatory manner upon request.
2. If recipient does disclose ETS data to a third party in accordance with Provision (1), Recipient is responsible for ensuring that any third party granted access to the ETS data under the conditions of this Agreement is aware of the confidentiality obligations surrounding the ETS data and that the data will not be disseminated beyond the third party, unless the data has been compelled to be disclosed by court order, order of an administrative agency of competent jurisdiction, or otherwise as required by law.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

Exceptions to Non-Disclosure. A party to this Agreement shall not have breached any obligation under this Agreement if Confidential Information is disclosed to a third party when the Confidential Information:

- a. was in the public domain at the time of such disclosure or is subsequently and lawfully made available to the public consistent with the terms of this Agreement; or
- b. had been lawfully received by the Receiving Party at the time of disclosure through other means without restriction on its use, or had been independently developed by the Receiving Party as shown through documentation; or
- c. is subsequently lawfully disclosed to the Receiving Party by a third party without restriction on use and without breach of any agreement or legal duty.

If any provision of this Agreement is held invalid or unenforceable, such provision will be deemed deleted from this Agreement and replaced by a valid and enforceable provision which so far as possible achieves the parties intent. The remaining provisions of this Agreement will continue in full force and affect.

Recipient warrants that it has the authority to enter into this Agreement and that this Agreement constitutes the entire agreement of the parties with regard to ETS data exchanged between them.

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument, binding upon the Parties hereto once execution by all parties has been completed, notwithstanding that all Parties may not have executed the same counterpart.

Recipient: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: WEQ

Requesters: Co-Chairs JISWG  
Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013  
Request Title: Develop a confidentiality agreement

### 4. SUPPORTING DOCUMENTATION

#### a. Description of Request:

3.a.ii.a Develop a confidentiality agreement ([R07013](#)) - Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

#### b. Description of Recommendation:

The recommendation is a new confidentiality agreement which all Electric Industry Participants would be required to sign or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry.

#### c. Business Purpose:

Address WEQ 2009 Annual Plan Item 3.a.ii.1 (R07013).

#### d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

Please refer to the following meeting minutes:

November 18-19, 2009

July 15-17, 2009

[http://www.naesb.org/pdf4/weq\\_jess071509fm.doc](http://www.naesb.org/pdf4/weq_jess071509fm.doc)

May 13-14, 2009

March 11-12, 2009

[http://www.naesb.org/pdf4/weq\\_jiswg031109fm.doc](http://www.naesb.org/pdf4/weq_jiswg031109fm.doc)

January 14-15, 2009

[http://www.naesb.org/pdf4/weq\\_jiswg011409fm.pdf](http://www.naesb.org/pdf4/weq_jiswg011409fm.pdf)



NORTH AMERICAN ELECTRIC  
RELIABILITY CORPORATION

January 11, 2010

Wholesale Electric Quadrant Executive Committee  
c/o Corey Galik Cummings  
North American Energy Standards Board  
1301 Fannin Street, Suite 2350  
Houston, TX 77002

**RE: 2009 WEQ Annual Plan Item 3(a)(ii)(1)/R07013: NAESB's Non-Disclosure Agreement**

Members of the Wholesale Electric Quadrant Executive Committee,

NERC appreciates the opportunity to provide formal comments regarding 2009 WEQ Annual Plan Item 3(a)(ii)(1)/R07013: NAESB's Non-Disclosure Agreement. NERC has a concern regarding item 1.c in the agreement.

Currently, this language reads as follows:

- c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO);

We are concerned that as written, it is not clear that the Regional Entities to which NERC may delegate certain duties are also parties from which the executing party is exempt from confidentiality requirements. Additionally, following legal staff review, we believe it may be of value to be more explicit in referencing the ERO's authority. Accordingly, we propose that item 1.c be replaced in its entirety with the following language:

- c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO), in accordance with Section 215 of the Federal Power Act, 16 U.S.C §824o (2000), or is a third-party regional entity performing the delegated duties of

proposing and enforcing Reliability Standards, in accordance with 18 C.F.R. §39.8, as defined in an current executed delegation agreement with the ERO;

We believe this language to be clearer and more accurate.

Additionally, NERC notes that in the phrase “The remaining provisions of this Agreement will continue in full force and affect,” the word “affect” should be replaced with “effect.”

Thank you again for the opportunity to provide our comments.

Sincerely,



Andrew Rodriguez  
Manager, Business Practice Coordination  
North American Electric Reliability Corporation  
Washington, D.C. Office: 202-393-3998  
Mobile: 609-947-3885  
[andy.rodriquez@nerc.net](mailto:andy.rodriquez@nerc.net)

CC: Rae McQuade, President, NAESB  
David Cook, Vice President and General Counsel, NERC



**Comments Submitted by E. Davis, Entergy**  
**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**  
**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**  
**Request Title: Develop a confidentiality agreement**

**ENTERGY SERVICES FORMAL COMMENTS**

**01-15-10**

**Ed Davis**

**1. RECOMMENDED ACTION:**

- Accept as requested
- Accept as modified below
- Decline

**EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

- Change to Existing Practice
- Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.



**Comments Submitted by E. Davis, Entergy**  
**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**  
**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**  
**Request Title: Develop a confidentiality agreement**

**RECOMMENDED STANDARDS:**

With the approval of this recommendation, all Electric Industry Participants would be required to sign this agreement or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry. The Agreement would provide assurance to Industry Participants that other entities are required to treat their data as confidential.



**Comments Submitted by E. Davis, Entergy**  
**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**North American Energy Standards Board**  
**Non-disclosure Agreement for Electronic Tagging Data**

This non-disclosure agreement ("Agreement") is entered into by and between the North American Energy Standards Board, Inc. ("NAESB") and \_\_\_\_\_ ("Recipient") this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Data transferred through the Electronic Tagging System ("ETS") may contain proprietary information which may result in unfair advantages and disadvantages in the electricity market if unequal access to the data is granted. Therefore, NAESB requires that all entities with access to the ETS accept and receive ETS data in confidence and trust subject to the following conditions:

1. Recipient is affirming that all ETS data will be maintained in the strictest confidence and will not be disclosed to any person or entity other than its officers, directors, and employees who have a need to know, who have been advised of the sensitivity of the material, and who have agreed to be bound by the terms of this Agreement. Recipient agrees not to disclose ETS data to third parties unless:
  - a. the party is directly responsible for immediate real-time operating reliability of a portion of the bulk electric system or otherwise has a lawful need to access ETS data for the purpose of analyzing or maintaining bulk electric system operating reliability at the Recipient's initiative;
  - b. the party is included in the e-Tag Distribution List as specified in Section 3.6.1.1.1 of the NAESB e-Tag Specification;
  - c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization ("ERO");
  - d. the party is an independent market monitor, [independent coordinator or regulator of transmission; or an independent system administrator](#);
  - e. the party is a consultant employed by an entity that is a party to this document, provided that the consultant also signs this Non-Disclosure Agreement
  - f. compelled to do so by court order, order of an administrative agency of competent jurisdiction, or as otherwise required by law; or
  - g. the data is eight days or older, and the data is made available to any market participant in a fair and non-discriminatory manner upon request.
2. If recipient does disclose ETS data to a third party in accordance with Provision (1), Recipient is responsible for ensuring that any third party granted access to the ETS data under the conditions of this Agreement is aware of the confidentiality obligations surrounding the ETS data and that the data will not be disseminated beyond the third party, unless the data has been compelled to be disclosed by court order, order of an administrative agency of competent jurisdiction, or otherwise as required by law.



**Comments Submitted by E. Davis, Entergy**  
**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

Exceptions to Non-Disclosure. A party to this Agreement shall not have breached any obligation under this Agreement if Confidential Information is disclosed to a third party when the Confidential Information:

- a. was in the public domain at the time of such disclosure or is subsequently and lawfully made available to the public consistent with the terms of this Agreement; or
- b. had been lawfully received by the Receiving Party at the time of disclosure through other means without restriction on its use, or had been independently developed by the Receiving Party as shown through documentation; or
- c. is subsequently lawfully disclosed to the Receiving Party by a third party without restriction on use and without breach of any agreement or legal duty.

If any provision of this Agreement is held invalid or unenforceable, such provision will be deemed deleted from this Agreement and replaced by a valid and enforceable provision which so far as possible achieves the parties' intent. The remaining provisions of this Agreement will continue in full force and affect.

Recipient warrants that it has the authority to enter into this Agreement and that this Agreement constitutes the entire agreement of the parties with regard to ETS data exchanged between them.

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument, binding upon the Parties hereto once execution by all parties has been completed, notwithstanding that all Parties may not have executed the same counterpart.

\_\_\_\_\_  
Recipient:

\_\_\_\_\_  
By:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Title:

\_\_\_\_\_  
Date:



**Comments Submitted by E. Davis, Entergy  
RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG  
Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013  
Request Title: Develop a confidentiality agreement**

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

3.a.ii.a Develop a confidentiality agreement ([R07013](#)) - Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**b. Description of Recommendation:**

The recommendation is a new confidentiality agreement which all Electric Industry Participants would be required to sign or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry.

**c. Business Purpose:**

Address WEQ 2009 Annual Plan Item 3.a.ii.1 (R07013).

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

Please refer to the following meeting minutes:

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January 14-15, 2009

[http://www.naesb.org/pdf4/weq\\_jiswg011409fm.pdf](http://www.naesb.org/pdf4/weq_jiswg011409fm.pdf)



**Comments Submitted by M. Mizumori, WECC  
 RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG  
 Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013  
 Request Title: Develop a confidentiality agreement**

**COMMENTS OF WESTERN ELECTRICITY COORDINATING COUNCIL**

**1. RECOMMENDED ACTION:**

- Accept as requested
- Accept as modified below
- Decline

**EFFECT OF EC VOTE TO ACCEPT  
 RECOMMENDED ACTION:**

- Change to Existing Practice
- Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**RECOMMENDED STANDARDS:**

With the approval of this recommendation<sup>[WECC1]</sup>, all Electric Industry Participants would be requested~~red~~ to sign this agreement or be removed from the Electric Industry Registry. Once the Electric Industry Registry is implemented, E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry<sup>[WECC2]</sup>. The Agreement<sup>[WECC3]</sup> would provide assurance to Industry Participants that other entities are required to treat their data as confidential.



**Comments Submitted by M. Mizumori, WECC  
RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG  
Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013  
Request Title: Develop a confidentiality agreement**



**Comments Submitted by M. Mizumori, WECC  
RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**North American Energy Standards Board  
Non-disclosure Agreement for Electronic Tagging Data**

[WECC4]

This non-disclosure agreement ("Agreement") is entered into by and between the North American Energy Standards Board, Inc. ("NAESB") and \_\_\_\_\_ ("Recipient") (jointly referred to herein as "the Parties") this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Data transferred through the Electronic Tagging System ("ETS") [WECC5] may contain proprietary information which may result in unfair advantages and disadvantages in the electricity market if unequal access to the data is granted. Therefore, NAESB requires that all entities with access to the ETS accept and receive ETS data in confidence and trust subject to the following conditions:

1. Recipient is affirming that all ETS data will be maintained in the strictest [WECC6] confidence confidential and will not be disclosed to any person or entity other than its officers, directors, and employees ~~who have a need to know~~ [WECC7], ~~who have been advised of the sensitivity~~ [WECC8] of the material, and who have agreed to be bound [WECC9] by the terms of this Agreement, except as described in this Agreement. Recipient agrees not to disclose ETS data to third parties unless: [WECC10]
  - a. the party is directly responsible for immediate real-time operating reliability of a portion of the bulk electric power system [WECC11] or otherwise has a lawful need [WECC12] to access ETS data for the purpose of analyzing or maintaining bulk electric system operating reliability at the Recipient's initiative;
  - b. the party is included in the e-Tag Distribution List as specified in Section 3.6.1.1.1 of the NAESB e-Tag Specification;
  - c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO);
  - d. the party has delegated authority from the ERO as a Regional Entity;
  - e. the party is an independent market monitor;
  - f. the party is registered with NERC as an Interchange Authority [WECC13]
  - g. the party is a consultant employed by an entity that is a party to this document, provided that the consultant also signs this [WECC14] Non-Disclosure Agreement
  - h. compelled to do so by court order, order of an administrative agency of competent jurisdiction, or as otherwise required by law; or
  - i. the data is ~~eight days or older, and the data is made~~ made publicly available to any market participant in a fair and non-discriminatory manner upon request in accordance with 18 CFR 37.6 and FERC Standards of Conduct.
2. If recipient does disclose ETS data to a third party in accordance with Provision (1) (a-h), [WECC15] Recipient is responsible for ensuring that any third party granted



**Comments Submitted by M. Mizumori, WECC  
RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

access to the ETS data under the conditions of this Agreement is aware of the confidentiality obligations surrounding the ETS data and that either such third party has also signed this Agreement or the data will not be disseminated beyond the third party, unless the data has been compelled to be disclosed by court order, order of an administrative agency of competent jurisdiction, or otherwise as required by law.

Exceptions to Non-Disclosure. A party to this Agreement shall not have breached any obligation under this Agreement if Confidential Information is disclosed to a third party when the Confidential Information:

- a. was in the public domain at the time of such disclosure or is subsequently and lawfully made available to the public consistent with the terms of this Agreement; or
- b. had been lawfully received by the Receiving Party at the time of disclosure through other means without restriction on its use, or had been independently developed by the Receiving Party as shown through documentation; or
- c. is subsequently lawfully disclosed to the Receiving Party by a third party without restriction on use and without breach of any agreement or legal duty.

If any provision of this Agreement is held invalid or unenforceable, such provision will be deemed deleted from this Agreement and replaced by a valid and enforceable provision which so far as possible achieves the parties intent of the Parties [WECC16] intent. The remaining provisions of this Agreement will continue in full force and affect.

Recipient warrants that it has the authority to enter into this Agreement and that this Agreement constitutes the entire agreement of the parties with regard to ETS data exchanged between them. [WECC17]

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument, binding upon the Parties hereto once execution by all parties has been completed, notwithstanding that all Parties may not have executed the same counterpart.

\_\_\_\_\_  
Recipient:

\_\_\_\_\_  
By:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Title:[WECC18]

\_\_\_\_\_  
Date:



**Comments Submitted by M. Mizumori, WECC  
RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG  
Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013  
Request Title: Develop a confidentiality agreement**

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

3.a.ii.a Develop a confidentiality agreement ([R07013](#)) - Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**b. Description of Recommendation:**

The recommendation is a new confidentiality agreement which all Electric Industry Participants would be required to sign or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry.

**c. Business Purpose:**

Address WEQ 2009 Annual Plan Item 3.a.ii.1 (R07013).

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

Please refer to the following meeting minutes:

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[http://www.naesb.org/pdf4/weq\\_jess071509fm.doc](http://www.naesb.org/pdf4/weq_jess071509fm.doc)

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[http://www.naesb.org/pdf4/weq\\_jiswg031109fm.doc](http://www.naesb.org/pdf4/weq_jiswg031109fm.doc)

January 14-15, 2009

[http://www.naesb.org/pdf4/weq\\_jiswg011409fm.pdf](http://www.naesb.org/pdf4/weq_jiswg011409fm.pdf)

**Formal Comments Submitted by R. Martinko, FirstEnergy**

**FORMAL COMMENTS**

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** NAESB's Non-Disclosure Agreement  
**Date:** January 15, 2010

- 1) FirstEnergy respectfully requests NAESB consider that if the NDA is intended to be a contract, additional protections such as enforcement language should be added. If instead the NDA is not meant to be enforced under NAESB, it should be drafted as a business practice standard without any contract language. Subsequent enforcement of the business practice could be pursued by NAESB at the FERC with a request for the Commission to adopt the standard and enforce it under the FERC's own rules.
- 2) FirstEnergy respectfully requests NAESB consider that if the ERO, independent market monitors and third-party system operators get E-Tag System data from the E-Tag service provider, the NDA should not anticipate the need for the Recipient to be disclosing E-tag data to these parties and, thus, requiring associated protections.

**Formal Comments Submitted by E. Skiba, Midwest ISO**

**FORMAL COMMENTS**

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** 2009 AP Item 3.a.ii.1; R07013 Develop a Confidentiality Agreement  
**Submitted By:** Ed Skiba  
**Date:** January 15, 2010

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I am requesting that the Executive Committee seek clarification from the Joint Electric Scheduling Subcommittee on the intent of submitting this recommendation for Executive Committee consideration. As the original motioner to submit the Non-Disclosure Agreement to post for the 30-day formal comment period and to send for Executive Committee approval, it was my understanding that the Non-Disclosure Agreement document, which is between NAESB and any entity having an entry in the Electric Industry Registry, would be treated similarly to that of the Electronic Tagging Functional Specification document in that the Non-Disclosure Agreement would not be a business practice standard. The recommendation posted for the 30-day formal comment period indicates that what is being proposed is recommended standards.

**Formal Comments Submitted by D. Huey, BC Transmission Corporation**



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**  
**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**  
**Request Title: Develop a confidentiality agreement**

Comments of BC Transmission Corporation

**1. RECOMMENDED ACTION:**

- Accept as requested
- Accept as modified below
- Decline

**EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

- Change to Existing Practice
- Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**RECOMMENDED STANDARDS:**

With the approval of this recommendation, all Electric Industry Participants would be required to sign this agreement [D1] or be removed from the Electric [D2] Industry Registry [s3]. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry. The Agreement would provide assurance to Industry Participants that other entities are required to treat their data as confidential.

**Formal Comments Submitted by D. Huey, BC Transmission Corporation**



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**Formal Comments Submitted by D. Huey, BC Transmission Corporation**



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**North American Energy Standards Board  
Non-disclosure Agreement for Electronic Tagging Data**

[s4]

This non-disclosure agreement ("Agreement") is entered into by and between the North American Energy Standards Board, Inc. ("NAESB") and \_\_\_\_\_ ("Recipient")\_ this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Data transferred through the Electronic Tagging System ("ETS") may contain proprietary information which may result in unfair advantages and disadvantages in the electricity market if unequal access to the data is granted. Therefore, NAESB requires that all entities with access to the ETS accept and receive ETS data in confidence and trust subject to the following conditions:

1. Recipient is affirming that all ETS data will be maintained ~~in the strictest confidence as confidential~~ and will not be disclosed to any person or entity other than its officers, directors, and employees, ~~except as described in this Agreement who have a need to know, who have been advised of the sensitivity of the material, and who have agreed to be bound by the terms of this Agreement.~~ Recipient agrees not to disclose ETS data to third parties unless:
  - a. the party is directly responsible for immediate real-time operating reliability of a portion of the bulk electric system or otherwise has a lawful need to access ETS data for the purpose of analyzing or maintaining bulk electric system operating reliability at the Recipient's initiative;
  - b. the party is included in the e-Tag Distribution List as specified in Section 3.6.1.1.1 of the NAESB e-Tag Specification;
  - c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO);
  - d. the party is an independent market monitor;
  - e. the party is a consultant employed by an entity that is a party to this document, provided that the consultant also signs this Non-Disclosure Agreement;
  - f. compelled to do so by court order, order of an administrative agency of competent jurisdiction, or as otherwise required by law; or
  - g. the data is eight days or older, and the data is made available to any market participant in a fair and non-discriminatory manner upon request.
2. If recipient does disclose ETS data to a third party in accordance with Provision (1)(~~a-f~~), Recipient is responsible for ensuring that any third party granted access to the ETS data under the conditions of this Agreement is aware of the confidentiality obligations surrounding the ETS data and that the data will not be disseminated beyond the third party, unless the data has been compelled to be disclosed by court order, order of an administrative agency of competent jurisdiction, or otherwise as required by law.

**Formal Comments Submitted by D. Huey, BC Transmission Corporation**



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

Exceptions to Non-Disclosure. A party to this Agreement shall not have breached any obligation under this Agreement if Confidential Information is disclosed to a third party when the Confidential Information:

- a. was in the public domain at the time of such disclosure or is subsequently and lawfully made available to the public consistent with the terms of this Agreement; or
- b. had been lawfully received by the Receiving Party at the time of disclosure through other means without restriction on its use, or had been independently developed by the Receiving Party as shown through documentation; or
- c. is subsequently lawfully disclosed to the Receiving Party by a third party without restriction on use and without breach of any agreement or legal duty.

If any provision of this Agreement is held invalid or unenforceable, such provision will be deemed deleted from this Agreement and replaced by a valid and enforceable provision which so far as possible achieves the parties intent. The remaining provisions of this Agreement will continue in full force and affect.

Recipient warrants that it has the authority to enter into this Agreement and that this Agreement constitutes the entire agreement of the parties with regard to ETS data exchanged between them.

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument, binding upon the Parties hereto once execution by all parties has been completed, notwithstanding that all Parties may not have executed the same counterpart.

Recipient: \_\_\_\_\_

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

**Formal Comments Submitted by D. Huey, BC Transmission Corporation**



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

3.a.ii.a Develop a confidentiality agreement ([R07013](#)) - Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**b. Description of Recommendation:**

The recommendation is a new confidentiality agreement which all Electric Industry Participants would be required to sign or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry.

**c. Business Purpose:**

Address WEQ 2009 Annual Plan Item 3.a.ii.1 (R07013).

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

Please refer to the following meeting minutes:

November 18-19, 2009

July 15-17, 2009

[http://www.naesb.org/pdf4/weq\\_jess071509fm.doc](http://www.naesb.org/pdf4/weq_jess071509fm.doc)

May 13-14, 2009

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January 14-15, 2009

[http://www.naesb.org/pdf4/weq\\_jiswg011409fm.pdf](http://www.naesb.org/pdf4/weq_jiswg011409fm.pdf)

**Formal Comments Of the Bonneville Power Administration**

On

WEQ 2009 AP Item 3.a.ii.1; R07013

Develop a confidentiality agreement

Bonneville thanks the Executive Committee for the opportunity to comment on the draft.

Comment 1:

Notwithstanding our comments to the draft agreement, Bonneville requests that the Executive Committee consider adopting the proposed confidentiality requirements in the form of a business practice standard rather than through individual agreements. The non-disclosure agreement as currently drafted applies to *all* entities with access to the Electronic Tagging System data, thereby effectively making the contents of the non-disclosure agreement an industry standard.

Bonneville believes that the same confidentiality objectives can be met through the business practice standard format, which offers more flexibility and less potential for administrative burden associated with bilateral non-disclosure agreements. For example, if any of the requirements in the draft agreement need to be revised at some point in the future, NAESB would need to either amend the agreement or execute a new agreement with each individual entity, both of which would require a new signature on the amended or new non-disclosure agreement. In the event that new or amended agreements are necessary, the administrative burden of using a signed agreement as opposed to a business practice format could have a chilling effect on trading if there are time delays in getting signed agreements with each member of the registry that may be a potential trading partner. Tracking down an entity to obtain a new signature, for example, could result in administrative burden and time delay in the case of a merger or a name or contact change in the registry.

Comment 2:

If the Committee determines that the use of a non-disclosure agreement would better meet the proposed objectives, Bonneville requests that the Committee give particular consideration to adding a term to the agreement, as well as adding an exception for disclosure of information that becomes public through no fault of the Recipient.

Additional Comments:

**North American Energy Standards Board  
Non-disclosure Agreement for Electronic Tagging Data**

This non-disclosure agreement ("Agreement") is entered into by and between the North American Energy Standards Board, Inc. ("NAESB") and \_\_\_\_\_ ("Recipient") this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

Data transferred through the Electronic Tagging System ("ETS") may contain proprietary information which may result in unfair advantages and disadvantages in the electricity market if unequal access to the data is granted. Therefore, NAESB requires that all entities with access

**Formal Comments Of the Bonneville Power Administration**

On

WEQ 2009 AP Item 3.a.ii.1; R07013

Develop a confidentiality agreement

to the ETS accept and receive ETS data in confidence and trust subject to the following conditions:

1. Recipient is affirming that all ETS data will be maintained in the strictest confidence and will not be disclosed to any person or entity other than its officers, directors, and employees who have a need to know, who have been advised of the sensitivity of the material, and who have agreed to be bound by the terms of this Agreement. Recipient agrees not to disclose ETS data to third parties unless:
  - a. the party is directly responsible for immediate real-time operating reliability of a portion of the bulk electric system or otherwise has a lawful need to access ETS data for the purpose of analyzing or maintaining bulk electric system operating reliability at the Recipient's initiative;
  - b. the party is included in the e-Tag Distribution List as specified in Section 3.6.1.1.1 of the NAESB e-Tag Specification;
  - c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO);
  - d. the party is an independent market monitor;
  - e. the party is a consultant employed by an entity that is a party to this document, provided that the consultant also signs this Non-Disclosure Agreement
  - f. compelled to do so by court order, order of an administrative agency of competent jurisdiction, or as otherwise required by law; or
  - g. the data is eight days or older, and the data is made available to any market participant in a fair and non-discriminatory manner upon request.
2. If Recipient does disclose ETS data to a third party in accordance with Provision (1), Recipient is responsible for ensuring that any third party granted access to the ETS data under the conditions of this Agreement is aware of the confidentiality obligations surrounding the ETS data and that the data will not be disseminated beyond the third party, unless the data has been compelled to be disclosed by court order, order of an administrative agency of competent jurisdiction, or otherwise as required by law.

Exceptions to Non-Disclosure. A party to this Agreement shall not have breached any obligation under this Agreement if Confidential Information is disclosed to a third party when the Confidential Information:

- a. was in the public domain at the time of such disclosure or is subsequently and lawfully made available to the public consistent with the terms of this Agreement; or
- b. had been lawfully received by the Receiving Party at the time of disclosure through other means without restriction on its use, or had been independently developed by the Receiving Party as shown through documentation; or
- c. is subsequently lawfully disclosed to the Receiving Party by a third party without restriction on use and without breach of any agreement or legal duty.

If any provision of this Agreement is held invalid or unenforceable, such provision will be deemed deleted from this Agreement and replaced by a valid and enforceable provision which

**Formal Comments Of the Bonneville Power Administration**

On

WEQ 2009 AP Item 3.a.ii.1; R07013

Develop a confidentiality agreement

so far as possible achieves the parties intent. The remaining provisions of this Agreement will continue in full force and effect.

Recipient warrants that it has the authority to enter into this Agreement and that this Agreement constitutes the entire agreement of the parties with regard to ETS data exchanged between them.

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument, binding upon the Parties hereto once execution by the parties has been completed, notwithstanding that the Parties may not have executed the same counterpart.

Recipient:

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By:

---

Name:

---

Title:

---

Date:

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**Formal Comments Submitted by the WEQ Standards Review Subcommittee (SRS)**

**FORMAL COMMENTS**

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** 2009 AP Item 3.a.ii.1; R07013 Develop a Confidentiality Agreement  
**Submitted By:** Standards Review Subcommittee  
**Date:** January 15, 2010

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Under the Standards Review Subcommittee (SRS) Scope of Work, which was approved by the SRS on March 6, 2008, the SRS agreed to review recommendations and if subcommittee deemed appropriate, they would submit advisory comments to the Executive Committee for consideration. As stated in the Scope of Work these comments are “not intended to change the scope of the Business Practices or recommendation, but to provide consistency and uniformity across all WEQ Business Practices.”

The following pages contain proposed redline consistency changes as well as comments to the recommended “Non-disclosure Agreement for Electronic Tagging Data” the SRS is requesting the Executive Committee consider as advisory comments in their review of this recommendation.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**  
**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**  
**Request Title: Develop a confidentiality agreement**

**1. RECOMMENDED ACTION:**

- Accept as requested
- Accept as modified below
- Decline

**EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

- Change to Existing Practice
- Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
- Principle
- Definition
- Business Practice Standard
- Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**RECOMMENDED STANDARDS:**

With the approval of this recommendation, all Electric Industry Participants would be required to sign this agreement or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry. The Agreement would provide assurance to Industry Participants that other entities are required to treat their data as confidential.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

**North American Energy Standards Board  
Non-disclosure Agreement for Electronic Tagging Data**

This non-disclosure agreement ("Agreement") is entered into by and between the North American Energy Standards Board, Inc. ("NAESB") and \_\_\_\_\_ ("Recipient") this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Data transferred through the Electronic Tagging System ("ETS") may contain proprietary information which may result in unfair advantages and disadvantages in the electricity market if unequal access to the data is granted ("ETS Data"). Therefore, NAESB requires that all entities with access to the ETS Data accept and receive ETS Data in confidence and trust subject to the following conditions:

1. Recipient is affirming that all ETS Data will be maintained in the strictest confidence and will not be disclosed to any person or entity other than its officers, directors, and employees who have a need to know, who have been advised of the sensitivity of the material, and who have agreed to be bound by the terms of this Agreement. Recipient agrees not to disclose ETS Data to third parties unless:
  - a. the party is directly responsible for immediate real-time operating reliability of a portion of the bulk electric system or otherwise has a lawful need to access ETS Data for the purpose of analyzing or maintaining bulk electric system operating reliability at the Recipient's initiative;
  - b. the party is included in the e-Tag Distribution List as specified in Section 3.6.1.1.1 of the NAESB e-Tag Specification;
  - c. the party has been designated by the Federal Energy Regulatory Commission to serve as the Electric Reliability Organization (ERO);
  - d. the party is an independent market monitor;
  - e. the party is a consultant employed by an entity that is a party to this document, provided that the consultant also signs this Non-Disclosure Agreement<sup>[AGI]</sup>
  - f. compelled to do so by court order, order of an administrative agency of competent jurisdiction, or as otherwise required by law; or
  - g. the ETS Data is eight days or older, and the ETS Data is made available to any market participant in a fair and non-discriminatory manner upon request.
2. If Recipient does disclose ETS Data to a third party in accordance with Provision (1), Recipient is responsible for ensuring that any third party granted access to the ETS Data under the conditions of this Agreement is aware of the confidentiality obligations surrounding the ETS Data and that the ETS Data will not be disseminated beyond the third party, unless the ETS Data has been compelled to be disclosed by court order, order of an administrative agency of competent jurisdiction, or otherwise as required by law.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**

**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**

**Request Title: Develop a confidentiality agreement**

Exceptions to Non-Disclosure. A party to this Agreement shall not have breached any obligation under this Agreement if ~~ETS Data Confidential Information~~ is disclosed to a third party when the ~~ETS Data Confidential Information~~:

- a. was in the public domain at the time of such disclosure or is subsequently and lawfully made available to the public consistent with the terms of this Agreement; or
- b. had been lawfully received by the Receiving Party at the time of disclosure through other means without restriction on its use, or had been independently developed by the Receiving Party as shown through documentation; or
- c. is subsequently lawfully disclosed to the Receiving Party by a third party without restriction on use and without breach of any agreement or legal duty.

If any provision of this Agreement is held invalid or unenforceable, such provision will be deemed deleted from this Agreement and replaced by a valid and enforceable provision which so far as possible achieves the parties intent. The remaining provisions of this Agreement will continue in full force and affect.

Recipient warrants that it has the authority to enter into this Agreement and that this Agreement constitutes the entire agreement of the parties with regard to ETS ~~D~~data exchanged between them.

This Agreement may be executed in any number of counterparts, each of which shall be an original, but all of which together will constitute one instrument, binding upon the Parties hereto once execution by all parties has been completed, notwithstanding that all Parties may not have executed the same counterpart<sub>[m2]</sub>.

\_\_\_\_\_  
Recipient:

\_\_\_\_\_  
By:

\_\_\_\_\_  
Name:

\_\_\_\_\_  
Title:

\_\_\_\_\_  
Date:



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs JISWG**  
**Request No.: WEQ 2009 AP Item 3.a.ii.1; R07013**  
**Request Title: Develop a confidentiality agreement**

**4. SUPPORTING DOCUMENTATION**

**a. Description of Request:**

3.a.ii.a Develop a confidentiality agreement ([R07013](#)) - Create a data Confidentiality Agreement for participants in the Electric Industry covering the treatment of data belonging to other Electric Industry Participants such as e-Tag data.

**b. Description of Recommendation:**

The recommendation is a new confidentiality agreement which all Electric Industry Participants would be required to sign or be removed from the Electric Industry Registry. E-Tag Authority services would be prohibited from transmitting data to entities that are not in the Electric Industry Registry.

**c. Business Purpose:**

Address WEQ 2009 Annual Plan Item 3.a.ii.1 (R07013).

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

Please refer to the following meeting minutes:

November 18-19, 2009

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[http://www.naesb.org/pdf4/weq\\_jess071509fm.doc](http://www.naesb.org/pdf4/weq_jess071509fm.doc)

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January 14-15, 2009

[http://www.naesb.org/pdf4/weq\\_jiswg011409fm.pdf](http://www.naesb.org/pdf4/weq_jiswg011409fm.pdf)

## Formal Comments Submitted by the ISO/RTO's

### FORMAL COMMENTS

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** WEQ 2009 AP Item 3.a.ii.1; R07013 – Develop Confidentiality Agreement  
**Submitted By:** ERCOT ISO, IESO, ISO New England, Midwest ISO, New York ISO PJM, and SPP  
**Date:** January 15, 2010

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These comments are in response to the Recommended Non-Disclosure Agreement ("NDA") that has been drafted by Joint Electric Scheduling Subcommittee in response to the WEQ 2009 AP Item 3.a.ii.1; R07013 – Develop Confidentiality Agreement.

In summary, and upon review of the details of the Draft NDA, we believe a more effective approach to ensuring that companies in receipt of in data transferred through the Electronic Tagging System ("ETS") would be to include a new requirement in WEQ-004 Coordinate Interchange that simply captures the need for receiving parties to keep such information confidential. For example language could be added to WEQ-004 stating

*Any party submitting a Request For Interchange must have confidentiality agreements with all parties directly included on the Request For Interchange prior to submittal to prevent the misuse of such data.*

There are a number of benefits of such an approach.

First, by including the language (or similar language above) into WEQ-004, it will be submitted and presumably approved by FERC, thereby becoming mandatory and enforceable by FERC, as part of a Transmission Service Provider's Tariff.

Second, it leaves to the parties responsible for sharing/receiving the information the decision-making about the best form for the Agreement to take. This is particularly important, because some Transmission Service Providers, like ISOs/RTOs, for example, already have confidentiality agreements and information policies with the companies with which they do business. Some of these confidentiality agreements and information policies are already FERC-approved. Companies like ISOs/RTOs are routinely in possession of data/information as, if not more, commercially sensitive than the data that is provided through the ETS. If NAESB establishes a Business Practice requiring Transmission Service Providers to have such Agreements and Policies in place, then there is no potential for a Transmission Service Provider to have unique agreements that best meet their needs and tariffs. (see detailed comments below).

Third, NAESB is not the best party with which NAESB members should enter into an Agreement on this matter. Even though NAESB will be administering the Electric Industry Registry, NAESB neither owns the data transferred through the ETS, nor is the aggrieved party if there is an inadvertent release.

Additionally, NAESB is unlikely to seek to enforce any NDA that exists. NAESB is not an enforcement agency and does not control the subject market data. Moreover, because the aggrieved party will not be a signatory to this contract, there may be confusion about how they can enforce the Agreement. This issue does not arise if the provision to keep information confidential is part of a Transmission Service Provider's Tariff. Finally, what happens if a party chooses not to sign the NDA? Is there a separate agreement between the registry or NAESB and other institutions to enable enforcement of the consequences of a participant not signing this document?

### Formal Comments Submitted by the ISO/RTO's

Fourth, the details of the Draft NDA highlight additional difficulties with adopting the approach of entering into an agreement with NAESB.

In Provision (2), it says that the Recipient must ensure that third parties in receipt of the data will not release the information. This raises the question of whether the Recipient of the data can ensure what a Third Party does or doesn't do with the data. A recipient can ensure that the Third Party is aware of the confidentiality of the information, the Recipient should not be held liable for actions taken by parties beyond the Recipients control.

The Draft NDA refers to provisions becoming invalid if found to be unenforceable? Under what jurisdiction is this agreement entered into; e.g., the law of which state?

The Draft NDA seems to contemplate - but is very vague - about whether it could be interpreted to cover data and information more than E-Tag data. Some parts of the Draft NDA refer to ETS Data, and other parts of the Draft NDA refer to "Confidential Information?"

For those Transmission Service Provider that have FERC-approved Information or Confidentiality Policies (due to their handling of commercial sensitive data), the policies establish rules over the timing by which the Transmission Service Provider must keep the information confidential. This NDA suggests that the E-TAG data (but perhaps other information) could be released simply after 8-days. Will the 8-day delay period replace the more extended delay period per FERC policy for certain market data?

The Draft NDA states that the document constitutes the "entire agreement" between the parties exchanging data? How is this possible? There are no provisions on jurisdiction, each parties responsibilities, and other typical boilerplate that exist in "Agreements".

In conclusion, we support the effort to keep E-Tag Data confidential. We believe this can be accomplished much more simply and effectively through new requirement in WEQ-004 Coordinate Interchange that becomes FERC approved and enforceable, and would be consistent with policies currently in place to keep companies' commercially sensitive information confidential.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

**1. RECOMMENDED ACTION:**

- Accept as requested
- Accept as modified below
- Decline

**EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

- Change to Existing Practice
- Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle Definition
- Business Practice Standard Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**Per Recommendation:**

- Initiation
- Modification
- Interpretation
- Withdrawal
  
- Principle Definition
- Business Practice Standard Document
- Data Element
- Code Value
- X12 Implementation Guide
- Business Process Documentation

**3. RECOMMENDATION**

**SUMMARY:**

Provide consistent definitions for terms included in the Business Practice Standards.

**RECOMMENDED STANDARDS:**

In addition to the changes proposed below, approval by the EC of this recommendation will also include incorporation of any changes and deletions to abbreviations, acronyms and definitions approved by the EC during the period October 27, 2009 through the approval date of this recommendation. Any new abbreviations, acronyms and definitions approved by the EC after October 27, 2009 will be included in the Business Practice Standards WEQ-000 and will not be defined in the individual Business Practice Standards.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

**New Business Practice Standards WEQ-000**

**Abbreviations, Acronyms, and Definition of Terms**

**Introduction**

“Abbreviations, Acronyms, and Definition of Terms” provides a common location for all abbreviations, acronyms, and definitions of terms that are referenced in the Business Practice Standards. Since these abbreviations, acronyms, and definitions are not requirements, they are not enumerated in this Business Practice Standards WEQ-000, similar to Business Practice Standards WEQ-003.

**Applicability**

Refer to specific Business Practice Standards for applicability.

**000-1 ABBREVIATIONS AND ACRONYMS**

The abbreviations and acronymns listed in the following table are used in the Business Practice Standards and shall have the meaning specified in the table.

<u>Abbreviation / Acronym</u>	<u>Meaning</u>
<u>ACE</u>	<u>Area Control Error</u>
<u>AFC</u>	<u>Available Flowgate Capability</u>
<u>AGC</u>	<u>Automatic Generation Control</u>
<u>ASCII</u>	<u>American Standard Code for Information Interchange</u>
<u>ASN.1</u>	<u>Abstract Syntax Notation One</u>
<u>ATC</u>	<u>Available Transfer Capability</u>
<u>ATCID</u>	<u>Available Transfer Capability Implementation Document</u>
<u>BA</u>	<u>Balancing Authority</u>
<u>BAA</u>	<u>Balancing Authority Area</u>
<u>CBM</u>	<u>Capacity Benefit Margin</u>
<u>CBMID</u>	<u>Capacity Benefit Margin Implementation Document</u>
<u>CCO</u>	<u>Conditional Curtailment Option</u>
<u>CEII</u>	<u>Critical Energy Infrastructure Information</u>
<u>CF</u>	<u>Coordinated Flowgate</u>
<u>CFR</u>	<u>Code of Federal Regulations</u>
<u>CGI</u>	<u>Common Gateway Interface</u>
<u>CP</u>	<u>Certificate Policy</u>
<u>CRL</u>	<u>Certificate Revocation List</u>
<u>CRLE</u>	<u>Carriage Return/Line Feed</u>



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<u>Abbreviation / Acronym</u>	<u>Meaning</u>
<u>CSV</u>	<u>Comma Separated Value</u>
<u>DC</u>	<u>Direct Current</u>
<u>DNR</u>	<u>Designated Network Resource</u>
<u>DN</u>	<u>Distinguished Name</u>
<u>DNS</u>	<u>Domain Name Service</u>
<u>DoS</u>	<u>Denial of Service</u>
<u>Dth</u>	<u>Dekatherm</u>
<u>DUNS</u>	<u>Data Universal Numbering System</u>
<u>E-commerce</u>	<u>Electronic commerce</u>
<u>eFiling</u>	<u>Electronic Filing</u>
<u>eLibrary</u>	<u>Electronic Library</u>
<u>E-mail</u>	<u>Electronic mail</u>
<u>eRegistered</u>	<u>Electronic Registered</u>
<u>e-Tag</u>	<u>Electronic Tag</u>
<u>eTariff</u>	<u>Electronic Tariff</u>
<u>EIDE</u>	<u>Electric Industry Data Exchange</u>
<u>EIR</u>	<u>Electric Industry Registry</u>
<u>ERCOT</u>	<u>Electric Reliability Council of Texas</u>
<u>ETC</u>	<u>Existing Transmission Commitments</u>
<u>FDDI</u>	<u>Fiber Distributed Data Interface</u>
<u>FERC</u>	<u>Federal Energy Regulatory Commission</u>
<u>FIPS</u>	<u>Federal Information Processing Standards</u>
<u>FOTC</u>	<u>Financially Obligated Transmission Customer</u>
<u>FTAA</u>	<u>Funds Transfer Agent Agreement</u>
<u>FTP</u>	<u>File Transfer Protocol</u>
<u>GCA</u>	<u>Generating Control Area</u>
<u>GLDF</u>	<u>Generator-to-Load Distribution Factor</u>
<u>GOP</u>	<u>Generator Operator</u>
<u>GPE</u>	<u>Generator-Providing Entity</u>
<u>GPS</u>	<u>Global Positioning System</u>
<u>GSF</u>	<u>Generator Shift Factor</u>
<u>HTML</u>	<u>Hypertext Markup Language</u>
<u>HTTP</u>	<u>Hypertext Transport Protocol</u>
<u>Hz</u>	<u>Hertz</u>
<u>IA</u>	<u>Interchange Authority</u>
<u>IDC</u>	<u>Interchange Distribution Calculator</u>
<u>InterNIC</u>	<u>Internet Network Information Center</u>
<u>IP</u>	<u>Internet Protocol</u>
<u>IPCP</u>	<u>Internet Protocol Control Protocol</u>
<u>IROL</u>	<u>Interconnection Reliability Operating Limit</u>
<u>ISO</u>	<u>Independent System Operator</u>



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<u>Abbreviation / Acronym</u>	<u>Meaning</u>
<u>JOU</u>	<u>Jointly Owned Units</u>
<u>kV</u>	<u>Kilovolt</u>
<u>LDAP</u>	<u>Lightweight Directory Access Protocol</u>
<u>LMP</u>	<u>Locational Marginal Pricing</u>
<u>LSE</u>	<u>Load-Serving Entity</u>
<u>LSF</u>	<u>Load Shift Factor</u>
<u>MIME</u>	<u>Multipurpose Internet Mail Extensions</u>
<u>MRO</u>	<u>Midwest Reliability Organization</u>
<u>MVar</u>	<u>Megavolt Ampere Reactive</u>
<u>MW</u>	<u>Megawatt</u>
<u>MWh</u>	<u>Megawatt Hour</u>
<u>NAESB</u>	<u>North American Energy Standards Board</u>
<u>NERC</u>	<u>North American Electric Reliability Corporation</u>
<u>NHM</u>	<u>Next Hour Market</u>
<u>NIST</u>	<u>National Institute of Standards and Technology</u>
<u>NITS</u>	<u>Network Integration Transmission Service</u>
<u>NL</u>	<u>Native Load</u>
<u>NNL</u>	<u>Network and Native Load Calculations</u>
<u>NTP</u>	<u>Network Time Protocol</u>
<u>OASIS</u>	<u>Open Access Same-Time Information System</u>
<u>OATT</u>	<u>Open Access Transmission Tariff</u>
<u>PDF</u>	<u>Portable Document Format</u>
<u>PKI</u>	<u>Public Key Infrastructure</u>
<u>POD</u>	<u>Point of Delivery</u>
<u>POP</u>	<u>Post Office Protocol</u>
<u>POR</u>	<u>Point of Receipt</u>
<u>PPO</u>	<u>Power Plant Operator</u>
<u>PPP</u>	<u>Point-to-Point Protocol</u>
<u>PSE</u>	<u>Purchasing-Selling Entity</u>
<u>PTP</u>	<u>Point-to-Point Transmission Service</u>
<u>RA</u>	<u>Registration Authority</u>
<u>RC</u>	<u>Reliability Coordinator</u>
<u>RCIS</u>	<u>Reliability Coordinator Information System</u>
<u>RFC</u>	<u>Request for Comments</u>
<u>RFI</u>	<u>Request for Interchange</u>
<u>RTO</u>	<u>Regional Transmission Organization</u>
<u>S&amp;CP</u>	<u>Standards and Communication Protocols</u>
<u>SLIP</u>	<u>Serial Line Internet Protocol</u>
<u>SMTP</u>	<u>Simple Messaging Transfer Protocol</u>
<u>SNMP</u>	<u>Simple Network Management Protocol</u>
<u>SOC</u>	<u>Secretary of the Commission (FERC)</u>



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<u>Abbreviation / Acronym</u>	<u>Meaning</u>
<u>SOL</u>	<u>System Operating Limit</u>
<u>SPP</u>	<u>Southwest Power Pool</u>
<u>SSL</u>	<u>Secure Sockets Layer</u>
<u>TCP/IP</u>	<u>Transmission Control Protocol/Internet Protocol</u>
<u>TDF</u>	<u>Transfer Distribution Factor</u>
<u>TFC</u>	<u>Total Flowgate Capacity</u>
<u>TLR</u>	<u>Transmission Loading Relief</u>
<u>TO</u>	<u>Transmission Owner</u>
<u>TPSE</u>	<u>Transmission Purchase Selling Entity</u>
<u>TRM</u>	<u>Transmission Reliability Margin</u>
<u>TRMID</u>	<u>Transmission Reliability Margin Implementation Document</u>
<u>TSIP</u>	<u>Transmission Services Information Provider</u>
<u>TSIN</u>	<u>Transmission System Information Network</u>
<u>TTC</u>	<u>Total Transfer Capability</u>
<u>URL</u>	<u>Uniform Resource Locator</u>
<u>USF</u>	<u>Unschedule Flow Reduction Procedure</u>
<u>WECC</u>	<u>Western Electric Coordinating Council</u>
<u>WECCNet</u>	<u>Western Electric Coordinating Council Network</u>
<u>WEQ</u>	<u>Wholesale Electric Quadrant</u>
<u>WGQ</u>	<u>Wholesale Gas Quadrant</u>
<u>WWW</u>	<u>World Wide Web</u>
<u>WWVB</u>	<u>See definition for WWVB</u>
<u>XML</u>	<u>Extensible Markup Language</u>
<u>XSD</u>	<u>XML Schema Definition Language</u>



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**000-1.1 Abbreviations and Acronyms Do Not Use**

The following abbreviations and acronyms should not be used in the Business Practice Standards. Though the abbreviations and acronyms are commonly accepted, they may have multiple meanings when used in these standards.

<u>Abbreviation / Acronym</u>	<u>Meanings</u>
<u>CA</u>	<u>Control Area</u> <u>Certificate Authority</u>
<u>TSP</u>	<u>Transmission Service Provider</u> <u>Transportation Service Provider</u>
<u>CPS</u>	<u>Certificate Practice Statement</u> <u>Control Performance Standard</u>

**000-2 DEFINITION OF TERMS**

The terms listed in the following table are used in the Business Practice Standards and shall have the definitions specified in the table.

<u>TERM</u>	<u>DEFINITION</u>
<u>Actual Daily Native Peak Load</u>	<u>Shall have the meanings as defined in Business Practice Standards WEQ-001-17.</u>
<u>Actual Daily System-Wide Peak Load</u>	<u>Shall have the meanings as defined in Business Practice Standards WEQ-001-17.</u>
<u>Actual Daily Zonal Load</u>	<u>Shall have the meanings as defined in Business Practice Standards WEQ-001-17.</u>
<u>Affiliate</u>	<u>(1) For any exempt wholesale generator, as defined under section 32(a) of the Public Utility Holding Company Act of 1935, as amended, the same as provided in section 214 of the Federal Power Act; and (2) For any other entity, the term Affiliate has the same meaning as given in Title 18 CFR 161.2(a).</u>
<u>Applicant</u>	<u>An authorized individual of a registered End Entity that may submit applications for issuance of Certificates to an Authorized Certification Authority for the End Entity.</u>
<u>Approval Entity</u>	<u>An entity that has approval rights for Arranged Interchange.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Area Control Error (ACE)</u>	<u>The instantaneous difference between a BA's Net Actual Interchange and Net Interchange Schedule, taking into account the effects of Frequency Bias and correction for meter error.</u>
<u>Arranged Interchange</u>	<u>The state where the IA has received the Interchange information (initial or revised).</u>
<u>Assignee</u>	<u>An Eligible Transmission Customer that receives PTP rights from a Reseller either through a Resale or a Transfer.</u>
<u>Assignment Reference Number</u>	<u>The unique accounting number that marks each request for purchase of transmission or ancillary services.</u>
<u>Authorized Certification Authority</u>	<u>A certification authority that complies with the Business Practice Standards WEQ-012, has met all terms and conditions and executed all requirements as set forth by the NAESB certification program for the Business Practice Standards WEQ -012, and is registered in the EIR.</u>
<u>Automatic Generation Control (AGC)</u>	<u>Equipment that automatically adjusts generation in a BAA from a central location to maintain the BA's Interchange Schedule plus Frequency Bias. AGC may also accommodate automatic Inadvertent Interchange payback and Time Error Correction.</u>
<u>Balancing Authority (BA)</u>	<u>The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a BAA, and supports Interconnection frequency in real time.</u>  <u>(Note: This definition also applies to NAESB WGQ Standard Number 0.3.15)</u>
<u>Balancing Authority Area (BAA)</u>	<u>The collection of generation, transmission, and loads within the metered boundaries of the BA. The BA maintains load-resource balance within this area.</u>
<u>Biennial Reassessment</u>	<u>A study performed by the Transmission Provider to reassess the provision of service under a CCO Reservation and service agreement once every two years to determine if (i) the Curtailment condition(s) in the service agreement needs to be modified for purposes of maintaining reliability, or (ii) the CCO Reservation can no longer be reliably provided.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Book of Flowgates</u>	<u>The master list of Flowgates used by the IDC.</u>
<u>Bulk Electric System</u>	<u>The electrical generation resources, transmission lines, interconnections with neighboring systems, and associated equipment, generally operated at voltages of 100 kV or higher. Radial transmission facilities serving only load with one transmission source are generally not included in this definition.</u>
<u>Business Practice</u>	<u>Refers collectively to any practices adopted by the Transmission Provider as defined in their OATT, or Transmission Provider specific practices or requirements.</u>
<u>Business Practice Standards</u>	<u>Refers to the collection of ratified NAESB WEQ practices or requirements.</u>
<u>Capacity Available to Redirect</u>	<u>The granted capacity of the Parent Reservation at the time of Transmission Customer confirmation (CAPACITY GRANTED) less all confirmed reassignments (e.g., Resales), confirmed Redirects on a firm basis, confirmed Redirects on a non-firm basis, displacements, and approved schedules.</u>
<u>Certificate</u>	<u>A digital document that typically includes the public key, information about the identity of the party holding the corresponding private key, the operational periods of the Certificate, and the Issuing Certification Authority's own digital signature.</u>
<u>Certificate Policy (CP)</u>	<u>A named set of rules that indicates the applicability of a Certificate to a particular community and/or class of application with common security requirements. For example, a particular CP might indicate applicability of a type of Certificate to the authentication of electronic data Interchange Transactions for the trading of goods within a given price range.</u>
<u>Certificate Revocation List (CRL)</u>	<u>A list of Certificate serial numbers which have been revoked, are no longer valid, and should not be relied upon by any system user.</u>
<u>Certification Path</u>	<u>An ordered sequence of Certificates which, together with the public key of the initial object in the path, can be processed to obtain that of the final object in the path.</u>



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<u>TERM</u>	<u>DEFINITION</u>
<u>Certification Practice Statement</u>	<u>A statement of the practices which a certification authority employs in issuing Certificates.</u>
<u>Checkout Partners</u>	<u>Entities that perform a checkout process. Most commonly two adjacent BAs checking net Interchange. It might also be two marketers checking sales and purchases, or a Transmission Customer checking schedules with a Transmission Service Provider.</u>
<u>Commission</u>	<u>The FERC, or other entity which has regulating authority over a given Transmission Provider.</u>
<u>Conditional Curtailment Option (CCO)</u>	<u>An option subject to either a Number-of-Hours Criteria or a System-Conditions Criteria that may be specified in a service agreement for long-term firm PTP when a Transmission Provider determines that it cannot accommodate a request because of insufficient transfer capability.</u>
<u>Conditional Curtailment Option (CCO) Reservation</u>	<u>A Transmission Service reservation defined by a long-term firm PTP agreement wherein the Transmission Customer has chosen the CCO.</u>
<u>Conditional Curtailment Priority Level</u>	<u>A Curtailment priority level associated with a CCO Reservation equal to the priority level of Secondary Network Transmission Service.</u>
<u>Confirmed Interchange</u>	<u>The state where the IA has verified the Arranged Interchange.</u>
<u>Constrained Facility</u>	<u>A transmission facility (line, transformer, breaker, etc.) that is approaching, is at, or is beyond its SOL or IROL.</u>
<u>Constrained Flowgate</u>	<u>A Flowgate that is approaching, is at, or is beyond SOL or IROL.</u>
<u>Constraint</u>	<u>A limitation placed on Interchange Transactions that flow over a Constrained Facility or Flowgate.</u>
<u>Contract Path</u>	<u>A predetermined Transmission Service electrical path between contiguous Transmission Providers established for scheduling and commercial settlement purposes that represents the continuous flow of electrical energy between the parties to a transaction.</u>



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<b>TERM</b>	<b>DEFINITION</b>
<u>Control Area</u>	<u>An electric power system or combination of electric power systems to which a common AGC scheme is applied in order to:</u>  1. <u>match, at all times, the power output of the generators within the electric power system(s) and capacity and energy purchased from entities outside the electric power system(s), with the load within the electric power system(s);</u>  2. <u>maintain scheduled interchange with other Control Areas, within the limits of good utility practice;</u>  3. <u>maintain the frequency of the electric power system(s) within reasonable limits in accordance with good utility practice; and</u>  4. <u>provide sufficient generating capacity to maintain operating reserves in accordance with good utility practice.</u>
<u>Control Performance Standard</u>	<u>The reliability standard that sets the limits of a BA's ACE over a specified time period.</u>
<u>Curtailement</u>	<u>A reduction in the scheduled capacity or energy delivery of an Interchange Transaction.</u>
<u>Curtailement Threshold</u>	<u>The minimum TDF which, if exceeded, will subject an Interchange Transaction to Curtailement to relieve a transmission facility Constraint.</u>
<u>Data Element</u>	<u>Refers generically, by either full name or alias, to a Data Element defined in Business Practice Standards WEQ-003 or WEQ-014. No distinction between the use of full name or alias is intended.</u>
<u>Denial of Service (DoS)</u>	<u>The intentional or unintentional degradation of OASIS performance that impacts all customer interactions with OASIS by consuming cyber resources.</u>
<u>Distribution Factors</u>	<u>The portion of an Interchange Transaction, typically expressed in per unit that flows across a transmission facility (Flowgate).</u>



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<b>TERM</b>	<b>DEFINITION</b>
<u>Dynamic Schedule</u>	<u>A telemetered reading or value that is updated in real time and used as a schedule in the AGC/ACE equation and the integrated value of which is treated as a schedule for Interchange accounting purposes. Commonly used for scheduling jointly owned generation to or from another BAA.</u>
<u>Eastern Interconnection</u>	<u>One of the major electric system networks in North America.</u>
<u>Electric Reliability Council of Texas (ERCOT) Interconnection</u>	<u>One of the major electric system networks in North America.</u>
<u>Eligible Transmission Customer</u>	<u>Shall have the same meaning as the term Eligible Customer defined in the FERC Pro Forma OATT.</u>
<u>End Entity</u>	<u>A registered business entity or other recognized organization to which Certificates are issued by one or more Authorized Certification Authorities.</u>
<u>Electronic Tag (e-Tag)</u>	<u>Information describing a physical Interchange Transaction and its participants.</u>
<u>Electronic Tariff (eTariff) Submission Data Dictionary</u>	<u>eTariff Submission Data Dictionary as defined in Business Practice Standards WEQ-014 Appendix A.</u>
<u>Electronic Tariff (eTariff) Submission Implementation Guide</u>	<u>eTariff Submission Implementation Guide as defined in Business Practice Standards WEQ-014 Appendix A.</u>
<u>Facility Rating</u>	<u>The maximum or minimum voltage, current, frequency, or real or reactive power flow through a facility that does not violate the applicable equipment rating of any equipment comprising the facility.</u>
<u>Financially Obligated Transmission Customer (FOTC)</u>	<u>The Transmission Customer financially obligated to the Transmission Provider for Transmission Service (i.e., service procured either through direct purchase from the Transmission Provider, Reseller, or through a Transfer of transmission rights).</u>
<u>Firm Transmission Service</u>	<u>The highest quality service offered to Transmission Customers under a filed rate schedule that anticipates no planned interruption. Firm Transmission Service includes firm PTP and firm NITS.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Flowgate</u>	<p>1.) <u>A portion of the transmission system through which the IDC calculates the power flow from Interchange Transactions.</u></p> <p>2.) <u>A mathematical construct, comprised of one or more monitored transmission facilities and optionally one or more contingency facilities, used to analyze the impact of power flows upon the Bulk Electric System.</u></p>
<u>Forecasted Daily Native Peak Load</u>	<u>Shall have the meanings as defined in Business Practice Standards WEQ-001-17.</u>
<u>Forecasted Daily System-Wide Peak Load</u>	<u>Shall have the meanings as defined in Business Practice Standards WEQ-001-17.</u>
<u>Forecasted Daily Zonal Load</u>	<u>Shall have the meanings as defined in Business Practice Standards WEQ-001-17.</u>
<u>Frequency Bias</u>	<u>A value, usually expressed in MWs per 0.1 Hz (MW/0.1 Hz), associated with a BAA that approximates the BAA's response to Interconnection frequency error.</u>
<u>Frequency Bias Setting</u>	<u>A value, usually expressed in MW/0.1 Hz, set into a BA ACE algorithm that allows the BA to contribute its frequency response to the Interconnection.</u>
<u>Generator Shift Factor (GSF)</u>	<u>A factor to be applied to a generator's expected change in output to determine the amount of flow contribution that change in output will impose on an identified transmission facility or Flowgate.</u>
<u>Generator-Providing Entity (GPE)</u>	<u>The PSE who is responsible for providing the source generation from owned, affiliated, or contractually bound generation.</u>
<u>Generator-to-Load Distribution Factor (GLDF)</u>	<u>The algebraic sum of a GSF and a LSF to determine the total impact of an Interchange Transaction on an identified transmission facility or Flowgate.</u>
<u>GET</u>	<u>An HTTP method to request a representation of the specified information.</u>



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<b>TERM</b>	<b>DEFINITION</b>
<u>Hypertext Markup Language (HTML) Form</u>	<u>A section of a document containing normal content, markup, special elements called controls (checkboxes, radio buttons, menus, etc.), and labels on those controls. Users generally "complete" a form by modifying its controls (entering text, selecting menu items, etc.), before submitting the form.</u>
<u>Identical Service Requests</u>	<p><u>Those OASIS Transmission Service requests that have exactly the same values for the following OASIS Template Data Elements:</u></p> <ul style="list-style-type: none"> <li>• <u>CUSTOMER_CODE</u></li> <li>• <u>CUSTOMER_DUNS</u></li> <li>• <u>SERVICE_INCREMENT</u></li> <li>• <u>TS_CLASS</u></li> <li>• <u>START_TIME</u></li> <li>• <u>STOP_TIME</u></li> <li>• <u>POR*</u></li> <li>• <u>POD*</u></li> <li>• <u>PATH*</u></li> </ul> <p><u>*Service requests where any combination of PATH, POR and/or POD represent exactly the same commercial transmission elements shall be considered as "having the exact same value."</u></p>
<u>Implemented Interchange</u>	<u>The state where the BA enters the Confirmed Interchange into its ACE equation.</u>
<u>Inadvertent Interchange</u>	<u>The difference between the BA's Net Actual Interchange and Net Scheduled Interchange.</u>
<u>Interchange</u>	<u>Energy transfers that cross BA boundaries.</u>
<u>Interchange Authority (IA)</u>	<u>The responsible entity that authorizes implementation of valid and balanced Interchange Schedules between BAAs, and ensures communication of Interchange information for reliability assessment purposes.</u>



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant: WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Interchange Authority (IA) Service Entity</u>	<u>The entity that provides the IA service for an e-Tag. The IA service itself is typically a computer system that maintains the master database for the e-Tag and communicates status with other computer systems. The IA Service Entity is the utility industry entity that is responsible for providing the service. In e-Tag 1.8.0, this entity is the Sink BA.</u>
<u>Interchange Block Accounting</u>	<u>Energy accounting that assumes a beginning and ending ramp time of zero minutes. For accounting purposes, this moves the energy associated with the starting and ending ramps into the adjacent starting and ending clock time of the Interchange.</u>
<u>Interchange Distribution Calculator (IDC)</u>	<u>The mechanism used by RCs in the Eastern Interconnection to calculate the distribution of Interchange Transactions over specific Flowgates. It includes a database of all Interchange Transactions and a matrix of the Distribution Factors for the Eastern Interconnection.</u>
<u>Interchange Schedule</u>	<u>An agreed-upon Interchange Transaction size (MWs), start and end time, beginning and ending ramp times and rate, and type required for delivery and receipt of power and energy between the Source and Sink BAs involved in the transaction.</u>
<u>Interchange Transaction</u>	<u>An agreement to transfer energy from a Seller to a buyer that crosses one or more BAAs boundaries.</u>
<u>Interconnected Operations Service</u>	<u>A service (exclusive of basic energy and Transmission Services) that is required to support the reliable operation of the interconnected Bulk Electric Systems.</u>
<u>Interconnection</u>	<u>Any one of the four major electric system networks in North America: Eastern Interconnection, Western Interconnection, ERCOT Interconnection, and Quebec Interconnection.</u>
<u>Interconnection Reliability Operating Limit (IROL)</u>	<u>A SOL that, if violated, could lead to instability, uncontrolled separation, or cascading outages that adversely impact the reliability of the Bulk Electric System.</u>
<u>Interconnection Time Monitor</u>	<u>An entity that monitors Time Error and initiates and terminates Time Error Corrections.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Internet</u>	<u>A global network of interconnected computers, enabling users to share information along multiple channels.</u>
<u>Issuing Certification Authority</u>	<u>In the context of a particular Certificate, the Issuing Certification Authority is the certificate authority that has digitally signed and issued the Certificate to a Subscriber.</u>
<u>Jointly Owned Unit (JOU)</u>	<u>A unit in which two or more entities share ownership.</u>
<u>L<sub>10</sub></u>	<u>A control error limitation specified in NERC standards.</u>
<u>Leap Second</u>	<u>A second of time added to coordinated Universal Time to make it agree with astronomical time to within 0.9 seconds. Historically, Leap Seconds are implemented as needed on June 30<sup>th</sup> or December 31<sup>st</sup>. (NIST)</u>
<u>Load Shift Factor (LSF)</u>	<u>A factor to be applied to a load's expected change in demand to determine the amount of flow contribution that change in demand will impose on an identified transmission facility or Flowgate.</u>
<u>Load-Serving Entity (LSE)</u>	<u>The responsible entity that secures energy and Transmission Service (and related Interconnected Operations Services) to serve the electrical demand and energy requirements of its end-use customers.</u>
<u>Market Period</u>	<u>The period of time beginning with the Requesting PSE, or its designee, making required purchase, sale, and Transmission Service arrangements to support the Arranged Interchange through the period of time when the IA receives the Arranged Interchange.</u>
<u>May, should, or optional</u>	<u>Define optional requirements that are recommended for implementation but are not specifically required under these Business Practice Standards.</u>
<u>Must, shall, or required</u>	<u>Define specific requirements that are not optional and must be implemented as described under these Business Practice Standards.</u>
<u>Native Load (NL)</u>	<u>The demand imposed on an electric utility or an entity by the requirements of all customers located within a franchised service territory that the electric utility or entity has statutory or contractual obligation to serve.</u>  <u>Note: This definition is only applicable to Business Practice Standards WEQ-008.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Native Load Customer</u>	<p><u>The wholesale and retail power customers of the Transmission Provider on whose behalf the Transmission Provider, by statute, franchise, regulatory requirement, or contract, has undertaken an obligation to construct and operate the Transmission Provider's system to meet the reliable electric needs of such customers.</u></p> <p><i><u>Note: This definition is only applicable to Business Practice Standards WEQ-001, WEQ-002, WEQ-003, and WEQ-013.</u></i></p>
<u>Net Actual Interchange</u>	<u>The algebraic sum of all metered Interchange over all interconnections between two physically adjacent BAAs.</u>
<u>Net Interchange Schedule</u>	<u>The algebraic sum of all Interchange Schedules with each adjacent BAA.</u>
<u>Network Integration Transmission Service (NITS)</u>	<u>As specified in the Transmission Provider's tariff, service that allows an electric Transmission Customer to integrate, plan, economically dispatch and regulate its network resources in a manner comparable to that in which the Transmission Provider serves Native Load Customers.</u>
<u>Non-Firm Transmission Service</u>	<u>As specified in the Transmission Provider's tariff, Transmission Service that is reserved and scheduled on an as-available basis, is subject to Curtailment or interruption, and has less priority than Firm Transmission Service.</u>
<u>Number-of-Hours Criteria</u>	<u>The maximum number of hours in a defined period (e.g., annually) that the Transmission Provider is allowed to curtail Transmission Service for reliability reasons at the Conditional Curtailment Priority Level, as specified in the long-term firm PTP agreement which specifies a CCO.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Open Access Same-Time Information System (OASIS)</u>	<u>Comprises the computer systems and associated communications facilities that public utilities are required to provide for the purpose of making available to all transmission users comparable interactions with Transmission Service Information and any back-end supporting systems or user procedures that collectively perform the transaction processing functions associated with handling of requests on OASIS.</u>
<u>Open Access Same-Time Information System (OASIS) Data Dictionary</u>	<u>Business Practice Standards WEQ-003, NAESB Open Access Same-Time Information System (OASIS) Data Dictionary Business Practice Standards, Version 1.5</u>
<u>Open Access Same-Time Information System (OASIS) Implementation Guide</u>	<u>Business Practice Standards WEQ-013, NAESB Open Access Same-Time Information System (OASIS) Implementation Guide Business Practice Standards, Version 1.5</u>
<u>Open Access Same-Time Information System (OASIS) Node</u>	<u>Is a subsystem of the OASIS. It is one computer system in the OASIS that provides access to Transmission Service Information to a Transmission Customer.</u>
<u>Open Access Same-Time Information System (OASIS) Standards and Communication Protocols (S&amp;CP)</u>	<u>Business Practice Standards WEQ-002, NAESB Open Access Same-Time Information System (OASIS) Business Practice Standards &amp; Communication Protocol (S&amp;CP), Version 1.5</u>
<u>Open Access Same-Time Information System (OASIS) Template</u>	<u>Refers generically, or by reference to a specifically named OASIS Template, to the OASIS Templates defined for the Transmission Customer interface to OASIS in Business Practice Standards WEQ-002, including the displays and forms associated with the web browser based user interface implementing the functions of an OASIS defined OASIS Template.</u>
<u>Option Set</u>	<u>Alternate sets of Tariff Records.</u>
<u>Parent Reservation</u>	<u>An existing, confirmed reservation (original, Redirect, Transfer, Resale, etc.) being modified by a Redirect, Transfer, Resale, etc.</u>
<u>Partial Service</u>	<u>Transmission Service offered or granted by a Transmission Provider that is for a shorter duration than requested (start-time through stop-time), less capacity than requested, or both.</u>



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<u>TERM</u>	<u>DEFINITION</u>
<u>Path Participant</u>	<u>Any of the entities that are part of an Interchange Transaction.</u>
<u>Per Generator Method</u>	<u>A methodology used by the IDC to calculate the portion of parallel flows on any Constrained Facility or Flowgate due to NITS customers and service to NL customers for each BA.</u>
<u>Point-to-Point Transmission Service (PTP)</u>	<u>The reservation and transmission of capacity and energy on either a firm or non-firm basis from the PORs to the PODs as specified in the Transmission Provider's tariff.</u>
<u>Policy Qualifier</u>	<u>Policy-dependent information that accompanies a CP Identifier in an X.509 Certificate.</u>
<u>POST</u>	<u>An HTTP method that submits data to be processed to an identified resource.</u>
<u>Postback</u>	<u>A variable component of the Transmission Provider's selected ATC or AFC calculation methodology that positively impacts ATC or AFC based on a change in status of a Transmission Service reservation or use of reserved capacity, or other conditions as specified by the Transmission Provider.</u>
<u>Posted Path</u>	<u>Shall mean any Control Area to Control Area interconnection; any path for which service is denied, curtailed or interrupted for more than 24 hours in the past 12 months; and any path for which a Transmission Customer requests to have ATC or TTC posted. For this last category, the posting must continue for 180 days and thereafter until 180 days have elapsed from the most recent request for service over the requested path. For purposes of this definition, an hour includes any part of an hour during which service was denied, curtailed or interrupted.</u>



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<b><u>TERM</u></b>	<b><u>DEFINITION</u></b>
<u>Power Plant Operator (PPO)</u>	<u>The entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) to meet those requirements. The PPO performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPO is structured differently, specific responsibilities within each PPO should be determined by the PPO and the point of contact for the PPO should be communicated to the Transmission Service Provider(s).</u>  <u>(Note: This definition applies NAESB WGQ Standard Numbers 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15.)</u>
<u>Power Plant Operator (PPO) Facility</u>	<u>The natural gas-fired electric generating unit(s) under the direct control of the PPO.</u>  <u>(Note: This definition applies to NAESB WGQ Standard Numbers 0.3.12 and 0.3.13.)</u>
<u>Pseudo-Tie</u>	<u>A telemetered reading or value that is updated in real time and used as a "virtual" tie line flow in the AGC/ACE equation but for which no physical tie or energy metering actually exists. The integrated value is used as a metered MWh value for Interchange accounting purposes.</u>
<u>Purchasing-Selling Entity (PSE)</u>	<u>The entity that purchases or sells, and takes title to, energy, capacity, and Interconnected Operations Services. PSEs may be affiliated or unaffiliated merchants and may or may not own generating facilities.</u>
<u>Quebec Interconnection</u>	<u>One of the major electric system networks in North America.</u>
<u>Query Variables</u>	<u>A list of query variables with their settings formatted as defined by the HTTP protocol (i.e., OASIS URL encoded separated by ampersands).</u>
<u>Queue Flooding</u>	<u>Excessive submission of Identical Service Requests.</u>



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<u>TERM</u>	<u>DEFINITION</u>
<u>Queue Hoarding</u>	<u>This is the act, intentionally or unintentionally, of not confirming or withdrawing an accepted service request such that it impacts the ability of other willing buyers to secure service in a timely fashion.</u>
<u>Reallocation</u>	<u>The process used to totally or partially curtail Transactions during TLR levels 3a, 3b or 5a events to allow Transactions using equal or higher priority to be implemented.</u>
<u>Redirect</u>	<u>A modification to all or a portion of a transmission reservation to an alternate POR/POD and/or make other changes to the terms of service as permitted.</u>
<u>Region</u>	<u>One of the regional entities that work with NERC to improve the reliability of the bulk power system.</u>
<u>Registration Authority (RA)</u>	<u>An entity that is responsible for identification and authentication of Certificate subjects, but that does not sign or issue Certificates (i.e., an RA is delegated certain tasks on behalf of a certificate authority).</u>
<u>Reliability Coordinator (RC)</u>	<u>The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the wide area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The RC has the purview that is broad enough to enable the calculation of IROLs, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.</u>  <i>(Note: This definition also applies to the NAESB WGQ Standard Numbers 0.2.4 and 0.3.14 through 0.3.15)</i>
<u>Reliability Coordinator Information System (RCIS)</u>	<u>The system that RCs use to post messages and share operating information in real time.</u>
<u>Relinquish</u>	<u>Release of all or a portion of the capacity of a Redirect on a non-firm basis to the firm Parent Reservation.</u>
<u>Relying Party</u>	<u>A recipient of a Certificate who acts in reliance on that Certificate and/or digital signatures verified using that Certificate. In this document, the terms "certificate user" and "Relying Party" are used interchangeably.</u>



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<u>TERM</u>	<u>DEFINITION</u>
<u>Repository</u>	<u>A database of active digital signatures for a certificate authority system. Certificate authorities post Certificates and CRLs to Repositories that allows Relying Parties to confirm the status of the digital signatures.</u>
<u>Request for Interchange (RFI)</u>	<u>A collection of required data, as defined in Business Practice Standards WEQ-004-C, necessary for the purpose of submitting to the IA as an Arranged Interchange.</u>
<u>Requesting Purchasing-Selling Entity (PSE)</u>	<u>The entity that prepares and submits the RFI to the IA also referred to as the e-Tag author.</u>
<u>Resale</u>	<u>The request to convey scheduling rights associated with a reservation for PTP from a Reseller to an Assignee.</u>
<u>Reseller</u>	<u>The Transmission Customer that holds PTP rights and offers those rights for sale on the (secondary) transmission market.</u>
<u>Reserve Sharing Group</u>	<u>A group whose members consist of two or more BAs that collectively maintain, allocate, and supply operating reserves required for each BA's use in recovering from contingencies within the group. Scheduling energy from an adjacent BA to aid recovery need not constitute reserve sharing provided the transaction is ramped in over a period the supplying part could reasonably be expected to load generation in (e.g., ten minutes). If the transaction is ramped in quicker (e., between zero and ten minutes) then, for the purposes of disturbance control performance, the BAs become a Reserve Sharing Group.</u>
<u>Secondary Network Transmission Service</u>	<u>Transmission Service provided to a network customer to deliver energy to network loads from non-DNRs.</u>
<u>Section-Based Format</u>	<u>Describes the subdivision into sections of a tariff, rate schedule, or service agreement for purposes of a Tariff Filing.</u>
<u>Seller</u>	<u>Reseller or Transmission Provider</u>
<u>Service Request Tiers</u>	<u>Relative queue priorities when negotiating Transmission Service.</u>



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<b>TERM</b>	<b>DEFINITION</b>
<u>Set of Provisions</u>	<u>A collection of practice and/or policy statements, spanning a range of standard topics, for use in expressing a CP definition or Certificate Practice Statement employing the approach described in this framework.</u>
<u>Sheet-Based Format</u>	<u>Describes the subdivision into sheets of a tariff, rate schedule, or service agreement for purposes of a Tariff Filing.</u>
<u>Sink Balancing Authority (BA)</u>	<u>The BA in which the load (sink) is located for an Interchange Transaction. (This will also be a receiving BA for the resulting Interchange Schedule.)</u>
<u>Source Balancing Authority (BA)</u>	<u>The BA in which the generation (source) is located for an Interchange Transaction. (This will also be a sending BA for the resulting Interchange Schedule.)</u>
<u>Standards of Conduct</u>	<u>The regulations contained in Title 18 CFR Part 358, Standards of Conduct for Transmission Providers.</u>
<u>Straddle Ramp</u>	<u>Ramp that divides the start ramp duration equally across the profile block start or end time.</u>
<u>Subscriber</u>	<u>An authorized individual, application, server, or 'role' associated with a registered End Entity that has been issued a Certificate by an Authorized Certification Authority.</u>
<u>Supplemental Regulation Service</u>	<u>A method of providing regulation service in which the BA providing the regulation service receives a signal representing all or a portion of the other BA's ACE.</u>
<u>System-Conditions Criteria</u>	<u>One or more specific system conditions during which the Transmission Provider is allowed to curtail Transmission Service for reliability reasons at the Conditional Curtailment Priority Level, as specified in the long-term firm PTP agreement which specifies a CCO.</u>
<u>System Impact Study</u>	<u>An assessment by the Transmission Provider of (i) the adequacy of the transmission system to accommodate a request for either firm PTP or NITS and (ii) whether any additional costs may be incurred in order to provide Transmission Service.</u>
<u>System Impact Study Agreement</u>	<u>An agreement to perform a System Impact Study.</u>



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<u>TERM</u>	<u>DEFINITION</u>
<u>System Operating Limit (SOL)</u>	<p><u>The value (such as MW, MVar, Amperes, frequency or volts) that satisfies the most limiting of the prescribed operating criteria for a specified system configuration to ensure operation within acceptable reliability criteria. SOL are based upon certain operating criteria. These include, but are not limited to:</u></p> <ul style="list-style-type: none"> <li>• <u>Facility Rating (applicable pre- and post- contingency equipment or Facility Ratings)</u></li> <li>• <u>Transient stability ratings (applicable pre- and post-contingency stability limits)</u></li> <li>• <u>Voltage stability ratings (applicable pre- and post-contingency voltage limits)</u></li> <li>• <u>System Voltage Limits (applicable pre- and post-contingency voltage limits)</u></li> </ul>
<u>Tariff Filing</u>	<p><u>A compilation of all document(s), associated data and supporting documents that is required to be filed electronically by a Tariff Submitter pursuant to Title 18 CFR Parts 35, 154, 284, 300, 341 or other parts as required by the FERC.</u></p>
<u>Tariff Record</u>	<p><u>The part of a Tariff Filing that consists of the Data Elements that relate to a sheet, section, or entire tariff, rate schedule, or service agreement that is required to be filed with the FERC.</u></p>
<u>Tariff Submitter</u>	<p><u>Any entity that is required to submit a Tariff Filing.</u></p>
<u>Tie Facility(ies)</u>	<p><u>The transmission facility(ies) interconnecting BAAs.</u></p>
<u>Time Error</u>	<p><u>The difference between the Interconnection time measured at the BA(s) and the time specified by the NIST. Time Error is caused by the accumulation of frequency error over a given period.</u></p>
<u>Time Error Correction</u>	<p><u>An offset to the Interconnection's scheduled frequency to return the Interconnection's Time Error to a predetermined value.</u></p>
<u>Transfer</u>	<p><u>Request to convey all rights and obligations associated with a reservation for PTP from a Reseller to an Assignee.</u></p>



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<u>TERM</u>	<u>DEFINITION</u>
<u>Transfer Distribution Factor (TDF)</u>	<u>The portion of an Interchange Transaction, expressed in percent that flows across a transmission facility (Flowgate).</u>
<u>Transmission Customer</u>	<u>Any Eligible Transmission Customer (or its designated agent) that can or does execute a service agreement or can or does receive Transmission Service.</u>
<u>Transmission Loading Relief (TLR)</u>	<u>A procedure used in the Eastern Interconnection to relieve potential or actual loading on a Constrained Facility or Flowgate.</u>
<u>Transmission Operator</u>	<u>The entity responsible for the reliability of its "local" transmission system, and that operates or directs the operations of the transmission facilities.</u>
<u>Transmission Provider</u>	<u>A utility (or its designated agent) that owns, controls, or operates facilities used for the transmission of electric energy in interstate commerce and provides Transmission Service.</u>
<u>Transmission Purchasing Selling Entity (TPSE)</u>	<u>PSE that holds the transmission rights on a physical path segment referenced in an e-Tag.</u>
<u>Transmission Service</u>	<u>Services needed to move energy from a POR to a POD provided to Transmission Customers by Transmission Providers.</u>
<u>Transmission Service Provider</u>	<u>The entity that administers the transmission tariff and provides Transmission Service to Transmission Customers under applicable transmission service agreements.</u>
<u>Transmission Services Information</u>	<u>Transmission and ancillary services information that must be made available by public utilities on a non-discriminatory basis to meet the regulatory requirements of transmission open access.</u>
<u>Transmission Services Information Provider (TSIP)</u>	<u>Transmission Provider or agent to whom the Transmission Provider has delegated the responsibility of meeting any of the requirements associated with OASIS.</u>



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<u>TERM</u>	<u>DEFINITION</u>
<u>Transportation Service Provider</u>	<u>The entity that is providing natural gas delivery services (e.g., transportation).</u> <i>(Note: This definition also applies to the NAESB Business Practices WGQ Standard Numbers 0.2.1 and 0.3.11 through 0.3.15)</i>
<u>Unexercised Rollover Rights</u>	<u>The amount of capacity that is held on a long-term firm PTP Transmission Service reservation and is eligible for ongoing rollover or renewal of service as established by the Transmission Provider at the time service was granted, less the capacity held on any confirmed service reservations for renewal of those rollover rights for a subsequent term of service, and less any capacity conveyed as an on-going rollover right to a qualifying confirmed Redirect on a firm basis.</u>
<u>Western Electric Coordinating Council Network (WECCNet)</u>	<u>A messaging system used by the WECC for use by participating utility's dispatchers and network administrators.</u>
<u>Western Interconnection</u>	<u>One of the major electric system networks in North America.</u>
<u>Whole Document Format</u>	<u>Describes a tariff, rate schedule, or service agreement submitted as a single document within a Tariff Record for purposes of a Tariff Filing.</u>
<u>WWVB</u>	<u>The NIST time-signal radio station near Fort Collins, Colorado, co-located with WWV. WWVB is the station that radio-controlled clocks throughout North America use to synchronize themselves.</u>



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**Updates to Existing Business Practice Standards WEQ-001 through WEQ-014**

Conforming changes to the existing Business Practice Standards version 002.1 will be made by the NAESB office after this recommendation has been ratified. The subcommittee co-chairs will work with the NAESB office to ensure the appropriate application of the ratified recommendation to Business Practice Standards Version 2.1.

It should be noted that, as part of the recommendation, conforming changes will need to be made to all recommendations within the approval queue and all final actions that were not included in Business Practice Standards version 002.1

Additionally, any new definitions or revised definitions approved since the Business Practice Standards version 002.1 were published will be need to be moved to Business Practice Standards WEQ-000-2.



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

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### 4. SUPPORTING DOCUMENTATION

#### a. Description of Request:

In FERC Order 676-C, the Commission noted:

8. In the NOPR, we asked for comment on differences in definitions in a few of the NERC's and NAESB's TLR standards. The comments indicate that NERC and NAESB have formed a subcommittee to ensure that their definitions are complementary in the future. We are very pleased that NERC and NAESB have taken active steps to ensure that their respective definitions are harmonized so as to ensure that these standards will operate efficiently in the future.

The following line item was added to the 2009 WEQ Annual Plan, which was approved by the NAESB Board of Directors on March 26, 2009.

5.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.  
([http://www.naesb.org/pdf3/weq\\_ec051308w3.doc](http://www.naesb.org/pdf3/weq_ec051308w3.doc))

#### b. Description of Recommendation:

The recommendation is intended to address the differences in definitions within the Business Practice Standards and between the NERC Glossary and the NAESB Definition of Terms.

#### c. Business Purpose:

Address consistency of definitions as discussed in FERC Order 676-C.

#### d. Commentary/Rationale of Subcommittee(s)/Task Force(s):

To the extent possible, the differences between the Business Practice Standards and NERC Standards have been reconciled. The developers of this recommendation accepted the NERC definitions in most instances. However, there are a few exceptions where the drafters of the recommendation consider the NAESB definitions superior to the NERC definitions. In those instances, we would request that NERC modify their definitions to be consistent with the NAESB definitions.

#### Supporting Documentation:

- [Comparison on NERC/NAESB Definitions.](#)
- [Docket No. RM05-5-005 Order No.676-C Standards for Business Practices and Communication Protocols for Public Utilities](#)
- [Docket No. RM05-5-005 Standards for Business Practices Communication Protocols for Public Utilities \(NOPR\)](#)

The subcommittee co-chairs utilized the following logic to develop the recommendation:

- Acronyms
  - Acronyms would be listed in only Business Practice Standards sections WEQ-000-1 and in WEQ-000-2 of Business Practice Standards WEQ-000 along with the definition if the acronym was also representing a defined term.



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Values for Data Elements were not included in the acronym list. Values for Data Elements are documented in Business Practice Standards WEQ-003 and WEQ-013.
- If an acronym had more than one meaning in the Business Practices Standards, a decision was made to not use the acronym. These acronyms were documented in Business Practice Standards WEQ-000-1.1
- If an acronym was only occasionally used rather than the term, where the acronym was listed it was replaced by the term.
- Acronyms only used in algorithms were not included in the acronym list since they are defined for the algorithm.
- **Definitions**
  - In addition to the terms listed in each standard, the co-chairs identified all terms that were listed as proper case in the entire set of standards. Upper case terms were excluded as they referred to Data Element values. This became the set of terms that needed to be addressed.
  - Existing terms with definitions
    - If a term was defined and was not used in any of the standards, the term was not added to Business Practice Standards WEQ-000-2
    - If the term had multiple definitions, one definition was selected. If the definition was also defined by NERC, to the extent appropriate, the NERC definition was used.
    - If the term had only one definition, but also had a NERC definition, to the extent appropriate, the NERC definition was used.
    - If there were multiple terms which had the same meaning, one term was selected and the other terms were replaced with the selected term throughout the document.
    - OASIS standards used terms commonly used in FERC Orders such as Control Area and Transmission Provider to be consistent with FERC.
    - Standards tightly coupled with NERC standards such as Transmission Loading Relief used NERC terminology such as Balancing Authority Area and Transmission Service Provider.
  - Data Element names were not defined since they are addressed in Business Practice Standards WEQ-003 and WEQ-014.
  - If a term was not defined, an attempt was made to define the term by:
    - Reviewing the NERC glossary;
    - Reviewing FERC Orders;
    - Reviewing functional specifications;
    - Reviewing public internet sites;



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Soliciting input from JESS and the WGQ BPS; and
- Contacting Subject Matter Experts.
- If a term was a NERC term that is no longer used by NERC, the term was replaced with the current NERC term. For example, Security Coordinator was replaced with Reliability Coordinator.
- If a term could not be defined, it was changed from proper to lower case.
- The following terms were removed from the NAESB glossary. A brief explanation for each removal is provided by term.
  - Appropriate Regulating Authority – Revised the definition for Commission to remove Appropriate Regulating Authority.
  - Eligible Customer – Replaced with Eligible Transmission Customer.
  - FERC – Moved to list of acronyms.
  - Interchange Transaction Tag (Tag) – Decision was made to use the term e-Tag.
  - Market Assembly – In latest changes for Coordinate Interchange to support the Electronic Tagging Functional Specification, the references to Market Assembly are being removed from the Business Practice Standards.
  - NERC – Moved to list of acronyms.
  - Primary Provider – Decision was made to use only the term Transmission Provider for OASIS related standards and Transmission Service Provider for standards that are tightly coupled with NERC Standards.
  - Reliability Area – Term was defined but not used in the Business Practice Standards.
  - Reliability Period – Term was defined but not used in the Business Practice Standards.
  - Responsible Party – Deleted since it is a Data Element name.
  - Secondary Provider – decision was made to use only the term “Reseller”.
  - Secondary Transmission Provider – decision was made to use only the term “Reseller”
  - Tag – Replaced with the term “e-Tag”
  - Template – Replaced with “Open Access Same-Time Information System (OASIS) Template”.
  - Value-Added Transmission Services Information Provider (VTSIP) – the term was defined but not used.



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Wholesale Merchant Function – Term was defined but not used in the Business Practice Standards.
- Definitions were created for the following proper case terms in the Business Practice Standards. In several instances, the terms were defined in the Business Practice Standards.
  - Actual Daily Native Peak Load
  - Actual Daily System-Wide Peak Load
  - Actual Daily Zonal Load
  - Assignment Reference Number
  - Business Practice Standards
  - Checkout Partner
  - Distribution Factor
  - Eastern Interconnection
  - Electric Reliability Council of Texas (ERCOT) Interconnection
  - eTariff Submission Data Dictionary
  - eTariff Submission Implementation Guide
  - Facility Rating
  - Forecasted Daily Native Peak Load
  - Forecasted Daily System-Wide Peak Load
  - Forecasted Daily Zonal Load
  - GET
  - Hyper Text Markup Language (HTML) Form
  - Interchange Authority (IA) Service
  - Internet
  - Net Interchange Schedule
  - Open Access Same-Time Information System (OASIS) Data Dictionary
  - Open Access Same-Time Information System (OASIS) Implementation Guide
  - Open Access Same-Time Information System (OASIS) Standards and Communication Protocols (S&CP)
  - Open Access Same-Time Information System (OASIS) Template
  - Path Participant
  - POST



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Posted Path
  - Pseudo-Tie
  - Quebec Interconnection
  - Query Variables
  - Reserve Sharing Group
  - Seller
  - Service Request Tiers
  - Standards of Conduct
  - System Impact Study
  - System Impact Study Agreement
  - Western Interconnection
  - WWWB
- The following proper case terms in the Business Practice Standards and either are not proper cased (because they were not defined) or have been replaced with another defined term. Where a term has been replaced with another term, the replacement term is also identified.
- Access Privileges
  - Administrator
  - Ancillary Service Type (note: this is a Data Element)
  - Approval Service
  - Associated Filing
  - Authority Service
  - Authorized Certificate Authority
  - Certificate Application Procedure
  - Certificate Authority
  - Certificate Management Practice
  - Certificate Management Program
  - Certificate Policy Extension (note: only "Extension" was lower cased)
  - Certificate Policy Identifier (note: only "Identifier" was lower cased)
  - Certificate User
  - Common Name
  - Conditional Curtailment Options Provisions (note: only "provisions" was lower cased)
  - Confirmation of Receipt



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters:** Co-Chairs BPS, OS and SRS  
**Request No.:** WEQ 2009 AP Item 5.b  
**Request Title:** **Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Constraint Path
- Daily Firm Service (replaced with daily Firm Transmission Service)
- Data Records
- DC Tie
- Dynamic Transfer
- Electronic Control Area (replaced with Control Area)
- Energy Profile
- Energy Title Holder
- FERC Policy (note: only "Policy" was lower cased)
- FERC Regulation (note: only "Regulation" was lower cased)
- FERC Statutes and Regulation (note: only "Statues and Regulations" was lower cased)
- Firm (defined as Firm Transmission Service)
- Firm Point-to-Point (defined as Firm Transmission Service and Point-to-Point Transmission Service)
- FORM (replaced with Hyper Text Markup (HTML) Form)
- Host Balancing Authority (note: "host" was lower cased)
- Host Control Area (note: "host" was lower cased)
- Input
- Input/Response
- Inadvertent Energy
- Internet Service Provider (note: only "Service Provider" was lower cased)
- Investigation Requestor
- Issuing CA (note: only "Issuing" was lower cased and CA was spelled out to Control Area)
- Load CA (note: only "Load" was lower case and CA was spelled out to Control Area)
- Long-Term Firm Point-to-Point Transmission Service
- Market Operator
- Methodology Contact
- Multi-Balancing Authority Energy Market (note: only lower cased "Multi-" and "Energy Market")
- Next Hour



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Non-Firm Next Hour Market Services (note: defined as Non-Firm Transmission Service)
- Non-Firm Point-to-Point Transmission Service [note: defined as Non-Firm Transmission Service and Point-to-Point Transmission Service (Non-Firm is an attribute of Point-to-Point Transmission Service)]
- Numbers
- Observers
- Organizational
- Open Access Same-Time Information System (OASIS) Users (note: "users" was lower cased)
- Part II (note: removed references to Part II due to pre-FERC Order 890 concepts)
- Part III (note: removed references to Part II due to pre-FERC Order 890 concepts)
- Phase 1A (note" removed references to Part II due to pre-FERC Order 890 concepts)
- Policy Object ID
- Receiving Balancing Authority (replaced with Sink BA)
- Receiving Control Area (replaced with Sink BA)
- Redirect on a Firm Basis
- Redirect on a Non-Firm basis
- Regional Reliability Organization (replaced with Reliability Entity)
- Request for Investigation
- Scheduling Entity
- Sending Balancing Authority (replaced with Source BA)
- Sending Control Area (replaced with Sending BA)
- Security Coordinator (replaced with Reliability Coordinator with the exception of code values and Data Element names)
- Security Officer
- Service Agreement
- Service Level Agreement
- Service Requestor
- Short-Term
- Short-Term Firm Point-to-Point Transmission Service
- State Regulatory Authorities (revised definition of Commission)



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

For Quadrant: **WEQ**

**Requesters: Co-Chairs BPS, OS and SRS**  
**Request No.: WEQ 2009 AP Item 5.b**  
**Request Title: Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary**

- Tag Authority Service Operator
  - Temporary Logs
  - Transient Stability Ratings
  - Transmission Customer Confirmation Time Limit (note: "Confirmation Time Limit" was lower cased)
  - Transmission Service Agreement
  - Transmission System Information Networks (replaced with Electric Industry Registry)
  - FORM (replaced with Hyper Text Markup (HTML) Form)
  - Transmission Service Provider Counter Time Limit (note: "Counter Time Limit" was lower cased)
  - Transmission Service Provider Evaluation Time Limit (note: "Evaluation Time Limit" was lower cased)
  - Transmission Service Provider Loss Table (note: references a specific table in the Business Practice Standards so no definition was developed)
  - Transmission Service Provider Product (note: "Product" was lower cased)
  - Same-Day
  - Unscheduled Flow Reduction Procedure
  - User
  - User Interface
  - Voltage Stability Ratings
  - Want-ad (note: lower cased when not referencing a value for a Data Element)
- The following are a list of terms the NAESB Subcommittee co-chairs identified that NAESB should keep the NAESB definition rather than using the NERC definition
- Network Integration Transmission Service
  - Open Access Same-Time Information System
  - Point to Point Transmission Service - The definition included in the recommendation is taken directly from the Pro Forma OATT.
  - Postback
  - Reallocation

**Comments Submitted by B. Kedrowski, We Energies**

-----Original Message-----

From: Kedrowski.Barbara

Sent: Wednesday, November 18, 2009 11:33 AM

To: NAESB@NAESB.ORG

Subject: Comments on 2009 WEQ Annual Plan Items 5.b - Comments Due 12/14/09

Dear NAESB,

Thank you for the opportunity to comment.

When the definition of a term points to the defined term that is buried in a business practice, the only way to see the definition of the term is to open that business practice. For those entities that are not members of NAESB, but still must comply, it is an issue since that entity cannot access the definition because only members can access the business practices.

Barb Kedrowski  
Project Manager  
Federal Regulatory & Policy  
We Energies

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-----Original Message-----

From: naesbmail@naesb.org [<mailto:naesbmail@naesb.org>]

Sent: Thursday, November 12, 2009 5:32 PM

To: Kedrowski.Barbara

Subject: Request for Formal Comments on 2009 WEQ Annual Plan Items 5.b - Comments Due 12/14/09

via email and posting

Dear NAESB WEQ Members and Interested Industry Participants,

An industry formal comment period begins today, November 12, 2009, and ends on December 14, 2009 for a Wholesale Electric Quadrant recommendation the WEQ Subcommittee Leadership completed on November 10, 2009:

Recommendation:

2009 WEQ Annual Plan Items 5.b - Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary -

Recommendation: [http://naesb.org/pdf4/weq\\_2009\\_api\\_5b\\_rec.doc](http://naesb.org/pdf4/weq_2009_api_5b_rec.doc).

All interested parties, regardless of membership status within NAESB are eligible to submit comments for consideration. The Wholesale Electric Quadrant Executive Committee will review the recommendation

**Comments Submitted by B. Kedrowski, We Energies**

and consider it for vote during an upcoming Executive Committee meeting. The Executive Committee will review all submitted comments.

All comments received by the NAESB office by the end of business, December 14, 2009 will be posted on the Home Page (WEQ Request Page):

[http://www.naesb.org/weq\\_request.asp](http://www.naesb.org/weq_request.asp) and forwarded to the WEQ Executive Committee members for their consideration. If you have difficulty downloading the recommendations, please call the NAESB office at (713) 356-0060.

Best Regards,

Denise Rager  
NAESB

cc: Rae McQuade, President

To change your contact information, or to modify your subscription(s) with the North American Energy Standard Board (NAESB) mail system click the link below or copy and paste it into the address bar of your web browser.

<http://www.naesb.org/listserv/mail/listmanager.asp>

NAESB, 1301 Fannin Street, Suite 2350, Houston, TX 77002

## Comments Submitted by E. Skiba, Midwest ISO

### FORMAL COMMENTS

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** WEQ 2009 Annual Plan Item 5.b Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC Glossary  
**Submitted By:** Midwest ISO  
**Date:** December 14, 2009

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Midwest ISO would request that the WEQ Executive Committee consider revising the definitions of Constrained Flowgate and Constraint. Midwest ISO believes the proposed changes more accurately define the terms.

<b>Constrained Flowgate</b>	A Flowgate that is approaching, is at, or is beyond <del>SOL</del> or <del>IROL</del> <u>its rating</u> .
<b>Constraint</b>	A <del>limitation placed on Interchange Transactions that flow over a</del> Constrained Facility or <u>Constrained</u> Flowgate.

The following formal comments for Annual Plan item 5.b, NAESB Glossary of Terms are respectfully submitted by the following IGO/RTOs: ERCOT, MISO, NE-ISO, PJM and SPP.

## Overall Comments

The review and reconciliation for the NAESB Glossary of Terms with the NERC Glossary of Terms were performed using the NERC definitions published as of 4/2008. NERC subsequently published a revised glossary in April, 2009. The recommendation as distributed for comment was based on the NERC definitions as of 4/2008 status. A review of the 4/2009 definitions should be completed to assure that NAESB has incorporated the most updated and correct definitions that are available.

## Specific comments

1 - It is recommended to revise the proposed definition for Constrained Flowgate. The revised wording is as follows:

“A Flowgate that is approaching, is at, or is beyond its rating.”

2 - It is recommended to revise the proposed definition of Constraint. The revised wording is as follows:

“A Constrained Facility or Constrained Flowgate.”

3 - The proposed definition for Region presently included in the recommendation is:

“One of the regional entities that work with NERC to improve the reliability of the bulk power system.”

This is the only NAESB definition that uses the term bulk power system. When relevant, other definitions use the defined term Bulk Electric System. It is recommended to revise the proposed definition as follows:

“One of the regional entities that work with NERC to improve the reliability of the Bulk Electric System.”

This change would also be consistent with the NERC Glossary. While the NERC Glossary does not contain the term Region, the glossary does contain the term Regional Reliability Organization and Bulk Electric System is used in the definition.

Additionally, NAESB has removed the term 'regional entity' in the latest recommendation. It has been replaced with the term 'region' which includes the term 'regional entity.' It is recommend that NAESB define the term 'regional entity.'

## Late Comments Submitted by the WEQ SRS

### FORMAL COMMENTS

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** 2009 AP Item 5.b – Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary  
**Submitted By:** Standards Review Subcommittee  
**Date:** December 15, 2009

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Under the Standards Review Subcommittee (SRS) Scope of Work, which was approved by the SRS on March 6, 2008, the SRS agreed to review recommendations and if subcommittee deemed appropriate, they would submit advisory comment to the Executive Committee for consideration. As stated in the Scope of Work these comments are “not intended to change the scope of the Business Practices or recommendation, but to provide consistency and uniformity across all WEQ Business Practices.”

#### Overall Comments

The review and reconciliation for the NAESB Glossary of Terms with the NERC Glossary of Terms were performed using the NERC definitions published as of 4/2008. NERC subsequently published a revised glossary in April, 2009. The recommendation as distributed for comment was based on the NERC definitions as of 4/2008 status. A review of the 4/2009 definitions should be completed to assure that NAESB has incorporated the most updated and correct definitions that are available.

#### Specific Comments

##### Item 1

The proposed definition for Constraint presently included in the recommendation is:

“A limitation placed on Interchange Transactions that flow over a Constrained Facility or Flowgate.”

It is recommended to revise the proposed definition of Constraint since it is not limited to Interchange Transactions. The revised wording is as follows:

“A Constrained Facility or Constrained Flowgate.”

##### Item 2:

The proposed definition for Region presently included in the recommendation is:

“One of the regional entities that work with NERC to improve the reliability of the bulk power system.”

The SRS has identified that the use of the phrase “Region” is largely unnecessary in the NAESB Business Practices. The only place this capitalized term appears to be relevant is in the WEQ-003 and WEQ-007. WEQ-003 refers to region in some of the data elements for OASIS, and WEQ-007 is used in a reference to obtaining approval of alternate Inadvertent Payback methods (which is likely no longer required, provided entities are still required to comply with relevant NERC reliability standards). As such, the SRS proposes eliminating the definition of “Region” from the NAESB glossary, and eliminating WEQ-007-2, and lowercase the term “region” in WEQ-003.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant:** Wholesale Electric Quadrant  
**Requesters:** WEQ Business Practices Subcommittee  
**Request No.:** WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011)  
**Request Title:** Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric Coordination

**1. RECOMMENDED ACTION:**

Accept as requested  
 Accept as modified below  
 Decline

**EFFECT OF EC VOTE TO ACCEPT RECOMMENDED ACTION:**

Change to Existing Practice  
 Status Quo

**2. TYPE OF DEVELOPMENT/MAINTENANCE**

**Per Request:**

Initiation  
 Modification  
 Interpretation  
 Withdrawal  
  
 Principle  
 Definition  
 Business Practice Standard  
 Document  
 Data Element  
 Code Value  
 X12 Implementation Guide  
 Business Process Documentation

**Per Recommendation:**

Initiation  
 Modification  
 Interpretation  
 Withdrawal  
  
 Principle  
 Definition  
 Business Practice Standard  
 Document  
 Data Element  
 Code Value  
 X12 Implementation Guide  
 Business Process Documentation

**3. RECOMMENDATION**

Acceptance of this recommendation by the Wholesale Electric Executive Committee and membership ratification is pending approval of the Wholesale Gas Quadrant recommendation.

**SUMMARY:**

The proposed changes to WEQ-011 fully address WEQ 2009 Annual Plan Items:

- 5.a.2 Gas / Electric Communication Consistency Changes ([R08004](#))
- 5.i Change Power Plant Operator to Power Plant Gas Coordinator ([R09011](#))

In addition to these WEQ 2009 AP items the recommendation addresses terms/definitions contained in WEQ-011, which will be revised/added and then moved to WEQ-000. The reasoning for expanding the scope to include definitions that are transitioning to WEQ-000 was to have a common point of contact with the WGQ Business Practices Subcommittee. The changes included in this recommendation have been reviewed with the WGQ Business Practices Subcommittee. The WGQ Business Practices Subcommittee will recommend similar changes in their Business Practices.



## RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE

**For Quadrant:** Wholesale Electric Quadrant  
**Requesters:** WEQ Business Practices Subcommittee  
**Request No.:** WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011)  
**Request Title:** Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric Coordination

Though the text in the two Quadrants standards may no longer be duplicate language between the two sets of Business Practice Standards, the Joint WEQ and WGQ Business Practices Subcommittees have reviewed the proposed changes and agreed that the differences in the language do not have a material impact on the Business Practice Standards. For example, when describing a term, the WGQ uses the phrase "Is the term used to describe" while the WEQ does not use that phrase. Another example is the WEQ will spell out Transportation Service Provider, while the WGQ will continue to use the acronym TSP for Transportation Service Provider. The WEQ will not use TSP over concern that someone may confuse a Transportation Service Provider with a Transmission Service Provider when reading the NAESB WEQ Business Practices.

### RECOMMENDED STANDARDS:

See attached document

## 4. SUPPORTING DOCUMENTATION

### a. Description of Request:

5.a.2 Gas / Electric Communication Consistency Changes ([R08004](#)) - Adding an Introductory and Applicability Section to the document

5.i Change Power Plant Operator to Power Plant Gas Coordinator ([R09011](#))

### b. Description of Recommendation:

Added Introduction and Applicability sections to the Business Practice Standards.

Changed Power Plant Operator to Power Plant Gas Coordinator and change Power Plant Operator's Facility to Power Plant Gas Coordinator Facility.

Reviewed definitions that were shared with WGQ and agreed to standardize definitions so that the definitions for NERC terms were consistent with NERC definitions. The definitions will be moved to WEQ-000 under WEQ 2009 Annual Plan Item 5.b "Modify NAESB definitions to address internal inconsistencies and inconsistencies with the NERC glossary. Revised existing NAESB glossary/definition of terms to be applicable to entire set of WEQ Business Practices."

Developed definition for Transportation Service Provider.

Consistently applied Balancing Authority (BA) and Reliability Coordinator (RC) to the Business Practices, which eliminated the need to specify Independent System Operators, Regional Transmission Operators, Regional Reliability Coordinators, and Independent Transmission Operators.

General consistency clean-up throughout the document with capitalization of terms and use of abbreviations and acronyms.



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant:** Wholesale Electric Quadrant  
**Requesters:** WEQ Business Practices Subcommittee  
**Request No.:** WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011)  
**Request Title:** Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric Coordination

**c. Business Purpose:**

Address WEQ 2009 annual plan items 5.a.2 ([R08004](#)) and 5.i ([R09011](#)) and to support WEQ Annual Plan Item 5.b

**d. Commentary/Rationale of Subcommittee(s)/Task Force(s):**

Please refer to the following meeting minutes:

- WEQ Business Practices Subcommittee – January 12, 2009  
[http://www.naesb.org/pdf4/weq\\_bps011209fm.doc](http://www.naesb.org/pdf4/weq_bps011209fm.doc)
- Joint WEQ and WGQ Business Practices Subcommittee – January 30, 2009  
[http://www.naesb.org/pdf4/weq\\_wgq\\_bps013009fm.doc](http://www.naesb.org/pdf4/weq_wgq_bps013009fm.doc)
- WEQ Business Practices Subcommittee – April 13, 2009  
[http://www.naesb.org/pdf4/weq\\_bps041309fm.doc](http://www.naesb.org/pdf4/weq_bps041309fm.doc)
- WEQ Business Practices Subcommittee – May 18, 2009  
[http://www.naesb.org/pdf4/weq\\_bps051809fm.doc](http://www.naesb.org/pdf4/weq_bps051809fm.doc)
- WEQ Executive Committee Meeting – June 8, 2009  
[http://www.naesb.org/pdf4/weq\\_ec060809fm.doc](http://www.naesb.org/pdf4/weq_ec060809fm.doc)
- WEQ Business Practices Subcommittee – June 16, 2009  
[http://www.naesb.org/pdf4/weq\\_bps061609fm.doc](http://www.naesb.org/pdf4/weq_bps061609fm.doc)
- WEQ Business Practices Subcommittee – July 13, 2009  
[http://www.naesb.org/pdf4/weq\\_bps071309fm.doc](http://www.naesb.org/pdf4/weq_bps071309fm.doc)
- Joint WEQ and WGQ Business Practices Subcommittee – September 14, 2009 (Link to be added by NAESB when available)
- Joint WEQ and WGQ Business Practices Subcommittee – September 28, 2009 (Link to be added by NAESB when available)

Initial Formal Comments submitted on Annual Plan Item 5.a.2:

- Midwest ISO Comments  
[http://www.naesb.org/pdf4/weq\\_041309\\_bps\\_miso.pdf](http://www.naesb.org/pdf4/weq_041309_bps_miso.pdf)
- WEQ Standards Review Subcommittee Comments  
[http://www.naesb.org/pdf4/weq\\_041309\\_bps\\_srs.doc](http://www.naesb.org/pdf4/weq_041309_bps_srs.doc)
- Entergy Late Comments  
[http://www.naesb.org/pdf4/weq\\_041309\\_bps\\_entergy\\_late.doc](http://www.naesb.org/pdf4/weq_041309_bps_entergy_late.doc)

The WEQ BPS originally drafted a recommendation for Annual Plan Item 5a.2 ([R08004](#)) in January 2009 and made the decision to not submit the recommendation



**RECOMMENDATION TO NAESB EXECUTIVE COMMITTEE**

**For Quadrant:** Wholesale Electric Quadrant  
**Requesters:** WEQ Business Practices Subcommittee  
**Request No.:** WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011)  
**Request Title:** Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric Coordination

until it was determined that additional changes were not needed to WEQ-011 to support Annual Plan Item 5.e “Provide for Enhanced Granularity for Public Utilities in Identifying Critical Operational Flow Orders. ([R08020](#))”. The subcommittee agreed to post the recommendation for Formal Comments at their April 13, 2009 meeting. When the subcommittee reviewed the initial set of formal comments the WEQ BPS agreed that additional consistency issues should be addressed regarding the references to specific entities. On June 8, 2009 the Executive Committee agreed to remand the Recommendation back to the subcommittee for additional work. Since that time Standards Request [R09011](#) was triaged. Rather than developing multiple recommendations for WEQ-011 Gas/Electric Coordination, the subcommittee agreed to develop a single recommendation to address both Annual Plan Items.

DRAFT

## Abbreviations, Acronyms, and Definition of Terms

### Introduction

The Abbreviations, Acronyms, and Definition of Terms ~~provides~~provide a common location for all abbreviations, acronyms, and definitions of terms that are referenced in the NAESB WEQ Business Practice Standards. Since these abbreviations, acronyms, and definitions are not requirements they are not enumerated in Business Practice Standard WEQ-000, similarly to what has been done in Business Practice Standard WEQ-003.

### Applicability

Refer to specific Business Practice Standards for Applicability.

#### 000-1 ABBREVIATIONS AND ACRONYMS

The abbreviations and acronyms listed in the following table are used in the NAESB WEQ Business Practice Standards and shall have the meaning specified in the table.

<u>Abbreviation / Acronym</u>	<u>Meaning</u>
<u>BA</u>	<u>Balancing Authority</u>
<u>PPGC</u>	<u>Power Plant Gas Coordinator</u>
<u>RC</u>	<u>Reliability Coordinator</u>

#### 000-1.1 Abbreviations and Acronyms Do Not Use

The following abbreviations and acronyms should not be used in the WEQ NAESB Business Practice Standards. Though the abbreviations and acronyms are commonly accepted, they may have multiple meanings when used in these standards.

<u>Abbreviation / Acronym</u>	<u>Meanings</u>
<u>TSP</u>	<u>Transmission Service Provider</u> <u>Transportation Service Provider</u>

#### 000-2 DEFINITION OF TERMS

The terms listed in the following table are used in the NAESB WEQ Business Practice Standards and shall have the definitions specified in the table.

<u>TERM</u>	<u>DEFINITION</u>
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NAESB WEQ Abbreviations, Acronyms, and Definition of Terms – WEQ-000

TERM	DEFINITION
<u>Balancing Authority (BA)</u>	<p><u>The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a BAA, and supports Interconnection frequency in real time.</u></p> <p><u>(Note: This definition also applies to NAESB WGQ Standard Nos. 0.2.3, 0.3.14 and 0.3.15)</u></p>
<u>Power Plant Gas Coordinator (PPGC)</u>	<p><u>The entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) to meet those requirements. The PPGC performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPGC is structured differently, specific responsibilities within each PPGC should be determined by the PPGC and the point of contact for the PPGC should be communicated to the Transportation Service Provider(s).</u></p> <p><u>(Note: This also applies to NAESB WGQ Standard Numbers 0.2.1, 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15.)</u></p>
<u>Power Plant Gas Coordinator Facility (PPGC Facility)</u>	<p><u>The natural gas-fired electric generating unit(s) under the direct control of the PPGC.</u></p> <p><u>(Note: This definition also applies to NAESB WGQ Standard Numbers 0.2.3, 0.3.12 and 0.3.13.)</u></p>
<u>Reliability Coordinator (RC)</u>	<p><u>The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the wide area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority, to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The RC has the purview that is broad enough to enable the calculation of IROLs, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.</u></p> <p><u>(Note: This definition also applies to the NAESB WGQ Standard Numbers 0.2.x-0.2.4 and 0.3.14 through 0.3.15)</u></p>

NAESB WEQ Abbreviations, Acronyms, and Definition of Terms – WEQ-000

<u>TERM</u>	<u>DEFINITION</u>
<u>Transportation Service Provider</u>	<u>The entity that <del>interstate pipeline or intrastate pipeline</del> that is providing <del>providing the requested</del> natural gas delivery <del>-services</del> (e.g., transportation).</u> <u>(Note: This definition <del>also applies to the NAESB Business Practices WGQ Standard Numbers. 0.2.1 and 0.3.11 through 0.3.15</del>).</u>

## Gas / Electric Coordination

### Introduction

This standard was developed jointly by the WEQ and WGQ with the purpose to improve coordination between the gas and electric industries in daily operational communications between Transportation Service Providers pipelines and gas-fired power plants.

Communications standards include anticipated power generation fuel requirements for the upcoming day as well as for any operating problems that might hinder gas-fired power plants from receiving required contractual gas quantities when needed.

### Applicability

This business practice applies to both the WEQ and WGQ, specifically BA and/or RC, PPGC, and Transportation Service Providers.

### Definition of Terms

- ~~011-0.3~~ **RESERVED Balancing Authority (BA)** – is the term used by the Wholesale Electric Quadrant to describe the entity responsible for integrating electric resource plans ahead of time, for maintaining electric load-interchange-generation balance within its metered boundaries, and for supporting electric interconnection frequency in real time. In certain circumstances, a BA may be a Regional Transmission Organization or Independent System Operator. This definition applies to NAESB WEQ Standard Nos. WEQ-011-1.5 and WEQ-011-1.6 and NAESB WGQ Standard No. 0.3.15.
- ~~011-0.1~~ **Power Plant Operator (PPO)** – is the term used to describe the entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) (TSP) to meet those requirements. The PPO performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPO is structured differently, specific responsibilities within each PPO should be determined by the PPO and the point of contact for the PPO should be communicated to the TSP(s). This definition applies to NAESB WEQ Standard Nos. WEQ-011-0.2, WEQ-011-1.1, WEQ-011-1.2, WEQ-011-1.3, WEQ-011-1.4, WEQ-011-1.5, and WEQ-011-1.6 and NAESB WGQ Standard Nos. 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15.
- ~~011-0.2~~ **Power Plant Operator’s Facility** – is the term used to describe the natural gas-fired electric generating unit(s) under the direct control of the Power Plant Operator. This definition applies to NAESB WEQ Standard Nos. WEQ-011-1.2 and WEQ-011-1.3 and NAESB WGQ Standard Nos. 0.3.12 and 0.3.13.

## **Business Practice Requirements**

**011-1.1** The Transportation Service Provider (~~TSP~~)/ ~~Power Plant Operator (PPOGC)~~ communication standards set forth in NAESB WEQ Business Practice Standards Nos. ~~WEQ-000-2, WEQ-011-0.1, WEQ-011-0.2, WEQ-011-0.3,~~ WEQ-011-1.1, WEQ-011-1.2, WEQ-011-1.3, WEQ-011-1.4, WEQ-011-1.5, and WEQ-011-1.6 and NAESB WGQ Standard Nos. 0.2.1, 0.2.2, 0.2.3, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15 do not convey any rights or services beyond or in addition to those contained in the ~~TSP's Transportation Service Provider's~~ tariff and/or general terms and conditions and/or do not impose any obligations that would otherwise be inconsistent with the requirements of applicable regulatory authorities, ~~including Affiliate code of conduct requirements.~~ These communication standards should be used in addition to the NAESB WGQ standard nomination timeline and scheduling processes for the ~~TSP's Transportation Service Provider's~~ contract / tariff services. In the event of a conflict between any of these communication standards and the ~~TSP's Transportation Service Provider's~~ tariff or general terms and conditions, the latter will prevail.

**011-1.2** The ~~Power Plant Operator (PPOGC)~~ and the Transportation Service Provider(s) (~~TSP~~) that is directly connected to the ~~PPGC's~~ Facility(ies) should establish procedures to communicate material changes in circumstances that may impact hourly flow rates. The ~~PPO-PPGC~~ should provide projected hourly flow rates as established in the ~~TSP's Transportation Service Provider's~~ and ~~PPO's-PPGC's~~ communication procedures.

**011-1.3** Subject to the conditions of NAESB WEQ Business Practice Standard No. ~~WEQ-011-1.1~~ and NAESB WGQ Standard No. 0.3.11, this standard applies to a ~~Power Plant Operator (PPOGC)~~ and the Transportation Service Provider (~~TSP~~) to whose system the ~~PPGC's facility~~Facility(ies) is directly connected or with whom the ~~PPO-PPGC~~ is a ~~s~~Service ~~r~~Requester.

A ~~PPO-PPGC~~ should not operate without an approved scheduled quantity pursuant to the NAESB WGQ standard nomination timeline and scheduling processes or as permitted by the ~~TSP's Transportation Service Provider's~~ tariff and/or general terms and conditions, and/or contract provisions. However, if the ~~PPO-PPGC~~ reasonably determines that it has circumstances requiring the need to request gas scheduling changes outside of the above-referenced nomination and scheduling processes and the affected Transportation Service Provider ~~TSP~~(s) supports the processing of such changes, the ~~PPGC~~ should provide its requested daily and hourly flow rates to the Transportation Service Provider ~~TSP~~(s) (1) as established in the Transportation Service Provider~~TSP~~'s and ~~PPO's-PPGC's~~ communication procedures pursuant to NAESB WEQ Business Practice Standard No. ~~WEQ-011-1.2~~ and NAESB WGQ Standard No. 0.3.12 and/or (2) as specified in the Transportation Service Provider~~TSP~~'s(s') tariff or general terms and conditions.

Based upon whether or not the ~~PPGC~~'s request can be accommodated in accordance with the appropriate application of the affected Transportation Service Provider~~TSP~~'s(s') tariff requirements, contract provisions, business practices, or other similar provisions, and without adversely impacting other scheduled services, anticipated flows, no-notice services, firm contract requirements and/or general system operations, the ~~PPGC~~ and all of the

NAESB WEQ Gas / Electric Coordination Standards – WEQ-011

affected Transportation Service ProviderTSPs should work together to resolve the PPGCO's request.

Where the affected Transportation Service Provider(s) TSP determines that it is feasible to provide the PPGCO with changes in flow rates without additional communications, no additional communications are required. These procedures will govern such communications unless the applicable parties mutually agree to create alternative communication procedures.

**011-1.4** The BAs and/or Reliability CoordinatorsRCs Regional Transmission Organizations, Independent System Operators, independent transmission operators, and/or PPGCOower Plant OperatorReliability Coordinators should sign up to receive operational flow orders and other critical notices from the appropriate gas Transportation Service Provider(s), pursuant to NAESB WGQ Standard ~~Nos. 5.2.2, 5.3.35, and 5.3.37,~~ unless the party(ies) needing the information has arranged to receive it through an alternative communication process(es).

**011-1.5** Unless otherwise prohibited by agreement, tariff, or protocol rules, a PPGCOower Plant Operator should, upon request, provide pertinent information concerning the service level (i.e., firm or interruptible) of its procured gas transportation and the performance obligation (i.e., firm (fixed or variable quantity) or interruptible) of its procured gas supply to the appropriate independent Balancing Authority A and/or Reliability CoordinatorRC.

**011-1.6** Regional Transmission Organizations, Independent System Operators, other independent transmission operators, independent Balancing AuthoritiesA and/or Regional Reliability CoordinatorsRC should establish written operational communication procedures with the appropriate gas Transportation Service Provider(s) and/or Power Plant OperatorPPGCO(s). These procedures should be implemented when an extreme condition could occur, as defined in such procedures.

These procedures will govern unless the applicable parties in the gas and electric industry mutually agree to create alternative written communication procedures that are more appropriate and meet the parties' collective regional operational needs.

Training on a Wh communication procedures should occur periodically.



**Interpretations**

**001-INT1** Clarification or interpretation request:

On June 25, 2007, in the proceedings for Docket ~~Nos~~Numbers- RM96-1-027 and RM05-5-001 and Order No. 698, FERC adopted NAESB WEQ Business Practice Standard WEQ-011-1.2 (among other NAESB Business Practice sStandards not relevant to my question). In its final rule, FERC included a requirement that pipelines and public utilities subject to the standards file a statement with FERC demonstrating compliance therewith on or before November 1, 2007. Allegheny

NAESB WEQ Gas / Electric Coordination Standards – WEQ-011

Energy, Inc. questions whether the WEQ Business Practice Standard WEQ-011-1.2 applies to a generation facility that uses natural gas only as a start-up fuel, but not otherwise for operation (i.e. the units are not "natural gas-fired electric generating facilities", at least as the term normally is used). The gas used for the start-up of the two affected generating units is minimal (between 150-750 Dth depending on whether the start-up is from a "cold", "intermediate" or "hot" condition).

Interpretation:

The NAESB WEQ Business Practice Standards WEQ-011 standards (Gas/Electric Coordination) ~~were~~ not intended to be applicable to non-gas-fired generators. The NAESB Business Practice Standards WEQ-000 definitions (~~(WEQ-011-0.1 and WEQ-011-0.2)~~WEQ-000-2)<sup>1</sup> are specific that:

1. ~~Power Plant Operator PPGC~~ is the term used to describe the entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) ~~(TSP)~~ to meet those requirements.
2. A ~~Power Plant Operator's PPGC~~ Facility is the term used to describe the natural gas-fired electric generating unit(s) under the direct control of the ~~Power Plant Operator~~ PPGC.

Both of these definitions apply directly to the standard under consideration – WEQ-011-1.2.

Moreover, in FERC Order No. 698 (Docket ~~Not Numbers~~ RM96-1-027 and RM05-5-001), paragraphs 1, 12 and 13, as well as in several other locations, the ~~Commission~~ FERC noted that the coordination and communication required by these standards are applied to gas-fired power plant operators and pipelines.<sup>2</sup> In paragraph 1, it is noted that the standards will help improve coordination between the gas and electric industries in order to improve communications about scheduling of gas-fired generators. In paragraph 12, it is noted that the standards will ensure that pipelines have relevant planning information that will assist in maintaining the operational integrity and reliability of pipeline service, as well as providing gas-fired power plant operators with information as to whether hourly flow deviations can be honored. Similarly, in paragraph 13, it is noted that the information provided through implementation of the standards should assist ~~reliability coordinators~~ RCs in assessing the relative reliability of various gas-fired generators.

As such, with the NAESB definitions for ~~WEQ-011-0.1 and WEQ-011-0.2~~ PPGC and PPGC Facility and the FERC cites noted, the intent of the standards to be applied to gas-fired generation facilities has been demonstrated. It is not demonstrated that these standards were to be applied to non-gas-fired generation facilities, (i.e., facilities that do not rely upon natural gas for daily operations – such as coal-fired power plants).

End Notes for the interpretation:

<sup>1</sup> The NAESB WEQ definitions cited in the interpretation are:

- ~~WEQ-011-0.1: Power Plant Operator Gas Coordinator (PPGC)~~ is the term used to describe the entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s)

NAESB WEQ Gas / Electric Coordination Standards – WEQ-011

~~(TSP)~~ to meet those requirements. The PPGC performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPO-PPGC is structured differently, specific responsibilities within each PPO-PPGC should be determined by the PPGC and the point of contact for the PPGC should be communicated to the ~~Transportation Service Provider TSP(s)~~. This definition applies to NAESB WEQ ~~Standard Nos~~ Business Practice Standards WEQ-000-2, WEQ-011-0.2, WEQ-011-1.1, WEQ-011-1.2, WEQ-011-1.3, WEQ-011-1.4, WEQ-011-1.5, and WEQ-011-1.6 and NAESB WGQ Standard Nos. 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15.

- WEQ-011-0.2: A Power Plant ~~Operator's Gas Coordinator's~~ Facility is the term used to describe the natural gas-fired electric generating unit(s) under the direct control of the ~~Power Plant Operator~~ PPGC. This definition applies to NAESB WEQ Business Practice Standards Nos. WEQ-011-1.2 and WEQ-011-1.3 and NAESB WGQ Standard Numbers. 0.3.12 and 0.3.13.

<sup>2</sup> For FERC Order No. 698, the cites in the interpretation are:

1. The Federal Energy Regulatory Commission (Commission) is amending parts 38 and 284 of its open access regulations governing standards for business practices and electronic communications with interstate natural gas pipelines and public utilities. The Commission is incorporating by reference certain standards promulgated by the North American Energy Standards Board (NAESB). Incorporation by reference of these standards will establish communication protocols between interstate pipelines and power plant operators and transmission owners and operators. This will help improve coordination between the gas and electric industries in order to improve communications about scheduling of gas-fired generators. Improved communications should enhance reliability in both industries.
12. The coordination and communication required by these standards will help improve the reliability of both the gas and electric industries by ensuring that all parties have information necessary for the scheduling and dispatch of natural gas-fired generation, and for the scheduling of the natural gas transportation necessary to supply fuel to these generators. The standards, for example, would require gas-fired power plant operators and pipelines to establish procedures to communicate material changes in circumstances that may affect hourly flow rates. These standards ensure that pipelines have relevant planning information that will assist in maintaining the operational integrity and reliability of pipeline service, as well as providing gas-fired power plant operators with information as to whether hourly flow deviations can be honored.
13. The standards further improve communication by requiring electric transmission operators and power plant operators to sign up to receive from connecting pipelines operational flow orders and other critical notices. These standards ensure that operators of the electric grid can stay abreast of developments on gas pipelines that can affect the reliability of electric service. The standards require that, upon request, a gas-fired power plant operator must provide to the appropriate independent electric balancing authority or electric reliability coordinator pertinent information regarding its service levels for gas transportation (firm or interruptible) and for gas supply (firm, fixed or variable quantity, or interruptible). This information should assist reliability coordinators in assessing the relative reliability of various gas-fired generators.

## Abbreviations, Acronyms, and Definition of Terms

### Introduction

The Abbreviations, Acronyms, and Definition of Terms provide a common location for all abbreviations, acronyms, and definitions of terms that are referenced in the NAESB WEQ Business Practice Standards. Since these abbreviations, acronyms, and definitions are not requirements they are not enumerated in Business Practice Standard WEQ-000, similarly to what has been done in Business Practice Standard WEQ-003.

### Applicability

Refer to specific Business Practice Standards for Applicability.

### 000-1 ABBREVIATIONS AND ACRONYMS

The abbreviations and acronyms listed in the following table are used in the NAESB WEQ Business Practice Standards and shall have the meaning specified in the table.

Abbreviation / Acronym	Meaning
BA	Balancing Authority
PPGC	Power Plant Gas Coordinator
RC	Reliability Coordinator

### 000-1.1 Abbreviations and Acronyms Do Not Use

The following abbreviations and acronyms should not be used in the WEQ NAESB Business Practice Standards. Though the abbreviations and acronyms are commonly accepted, they may have multiple meanings when used in these standards.

Abbreviation / Acronym	Meanings
TSP	Transmission Service Provider Transportation Service Provider

### 000-2 DEFINITION OF TERMS

The terms listed in the following table are used in the NAESB WEQ Business Practice Standards and shall have the definitions specified in the table.

TERM	DEFINITION
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NAESB WEQ Abbreviations, Acronyms, and Definition of Terms – WEQ-000

TERM	DEFINITION
Balancing Authority (BA)	<p>The responsible entity that integrates resource plans ahead of time, maintains load-interchange-generation balance within a BAA, and supports Interconnection frequency in real time.</p> <p><i>(Note: This definition also applies to NAESB WGQ Standard Nos. 0.2.3, 0.3.14 and 0.3.15)</i></p>
Power Plant Gas Coordinator (PPGC)	<p>The entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) to meet those requirements. The PPGC performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPGC is structured differently, specific responsibilities within each PPGC should be determined by the PPGC and the point of contact for the PPGC should be communicated to the Transportation Service Provider(s).</p> <p><i>(Note: This also applies to NAESB WGQ Standard Nos. 0.2.1, 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15)</i></p>
Power Plant Gas Coordinator Facility (PPGC Facility)	<p>The natural gas-fired electric generating unit(s) under the direct control of the PPGC.</p> <p><i>(Note: This definition also applies to NAESB WGQ Standard Nos. 0.2.3, 0.3.12 and 0.3.13)</i></p>
Reliability Coordinator (RC)	<p>The entity that is the highest level of authority who is responsible for the reliable operation of the Bulk Electric System, has the wide area view of the Bulk Electric System, and has the operating tools, processes and procedures, including the authority, to prevent or mitigate emergency operating situations in both next-day analysis and real-time operations. The RC has the purview that is broad enough to enable the calculation of IROs, which may be based on the operating parameters of transmission systems beyond any Transmission Operator's vision.</p> <p><i>(Note: This definition also applies to the NAESB WGQ Standard Nos. 0.2.x and 0.3.14 through 0.3.15)</i></p>

NAESB WEQ Abbreviations, Acronyms, and Definition of Terms – WEQ-000

<b>TERM</b>	<b>DEFINITION</b>
Transportation Service Provider	The entity that is providing natural gas delivery services (e.g., transportation). <i>(Note: This definition also applies to the NAESB Business Practices WGQ Standard Nos. 0.2.1 and 0.3.11 through 0.3.15)</i>

## **Gas / Electric Coordination**

### **Introduction**

This standard was developed jointly by the WEQ and WGQ with the purpose to improve coordination between the gas and electric industries in daily operational communications between Transportation Service Providers and gas-fired power plants.

Communications standards include anticipated power generation fuel requirements for the upcoming day as well as for any operating problems that might hinder gas-fired power plants from receiving contractual gas quantities when needed.

### **Applicability**

This business practice applies to both the WEQ and WGQ, specifically BA and/or RC, PPGC, and Transportation Service Providers.

### **Definition of Terms**

**011-0**            **RESERVED**

### **Business Practice Requirements**

- 011-1.1**        The Transportation Service Provider / PPGC communication standards set forth in NAESB WEQ Business Practice Standards WEQ-000-2, WEQ-011-1.1, WEQ-011-1.2, WEQ-011-1.3, WEQ-011-1.4, WEQ-011-1.5, and WEQ-011-1.6 and NAESB WGQ Standard Nos. 0.2.1, 0.2.2, 0.2.3, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15 do not convey any rights or services beyond or in addition to those contained in the Transportation Service Provider's tariff and/or general terms and conditions and/or do not impose any obligations that would otherwise be inconsistent with the requirements of applicable regulatory authorities,. These communication standards should be used in addition to the NAESB WGQ standard nomination timeline and scheduling processes for the Transportation Service Provider's contract / tariff services. In the event of a conflict between any of these communication standards and the Transportation Service Provider's tariff or general terms and conditions, the latter will prevail.
- 011-1.2**        The PPGC and the Transportation Service Provider(s) that is directly connected to the PPGC's Facility(ies) should establish procedures to communicate material changes in circumstances that may impact hourly flow rates. The PPGC should provide projected hourly flow rates as established in the Transportation Service Provider's and PPGC's communication procedures.
- 011-1.3**        Subject to the conditions of NAESB WEQ Business Practice Standard WEQ-011-1.1 and NAESB WGQ Standard No. 0.3.11, this standard applies to a PPGC and the Transportation Service Provider to whose system the PPGC's Facility(ies) is directly connected or with whom the PPGC is a service requester.

NAESB WEQ Gas / Electric Coordination Standards – WEQ-011

A PPGC should not operate without an approved scheduled quantity pursuant to the NAESB WGQ standard nomination timeline and scheduling processes or as permitted by the Transportation Service Provider's tariff and/or general terms and conditions, and/or contract provisions. However, if the PPGC reasonably determines that it has circumstances requiring the need to request gas scheduling changes outside of the above-referenced nomination and scheduling processes and the affected Transportation Service Provider (s) supports the processing of such changes, the PPGC should provide its requested daily and hourly flow rates to the Transportation Service Provider (s) (1) as established in the Transportation Service Provider's and PPGC's communication procedures pursuant to NAESB WEQ Business Practice Standard WEQ-011-1.2 and NAESB WGQ Standard No. 0.3.12 and/or (2) as specified in the Transportation Service Provider's(s') tariff or general terms and conditions.

Based upon whether or not the PPGC's request can be accommodated in accordance with the appropriate application of the affected Transportation Service Provider's(s') tariff requirements, contract provisions, business practices, or other similar provisions, and without adversely impacting other scheduled services, anticipated flows, no-notice services, firm contract requirements and/or general system operations, the PPGC and all of the affected Transportation Service Providers should work together to resolve the PPGC's request.

Where the affected Transportation Service Provider(s) determines that it is feasible to provide the PPGC with changes in flow rates without additional communications, no additional communications are required. These procedures will govern such communications unless the applicable parties mutually agree to create alternative communication procedures.

**011-1.4** The BAs and/or RCs and/or PPGCs should sign up to receive operational flow orders and other critical notices from the appropriate gas Transportation Service Provider(s), pursuant to NAESB WGQ Standard Nos. 5.2.2, 5.3.35, and 5.3.37, unless the party(ies) needing the information has arranged to receive it through an alternative communication process(es).

**011-1.5** Unless otherwise prohibited by agreement, tariff, or protocol rules, a PPGC should, upon request, provide pertinent information concerning the service level (i.e., firm or interruptible) of its procured gas transportation and the performance obligation (i.e., firm (fixed or variable quantity) or interruptible) of its procured gas supply to the appropriate BA and/or RC.

**011-1.6** BAs and/or RC should establish written operational communication procedures with the appropriate gas Transportation Service Provider(s) and/or PPGC(s). These procedures should be implemented when an extreme condition could occur, as defined in such procedures.

These procedures will govern unless the applicable parties in the gas and electric industry mutually agree to create alternative written communication procedures that are more appropriate and meet the parties' collective regional operational needs.

Training on and testing of such communication procedures should occur periodically.

## Interpretations

### **001-INT1**      Clarification or interpretation request:

On June 25, 2007, in the proceedings for Docket Numbers RM96-1-027 and RM05-5-001 and Order No. 698, FERC adopted NAESB WEQ Business Practice Standard WEQ-011-1.2 (among other NAESB Business Practice Standards not relevant to my question). In its final rule, FERC included a requirement that pipelines and public utilities subject to the standards file a statement with FERC demonstrating compliance therewith on or before November 1, 2007. Allegheny Energy, Inc. questions whether the WEQ Business Practice Standard WEQ-011-1.2 applies to a generation facility that uses natural gas only as a start-up fuel, but not otherwise for operation (i.e. the units are not "natural gas-fired electric generating facilities", at least as the term normally is used). The gas used for the start-up of the two affected generating units is minimal (between 150-750 Dth depending on whether the start-up is from a "cold", "intermediate" or "hot" condition).

### Interpretation:

The NAESB WEQ Business Practice Standards WEQ-011 was not intended to be applicable to non-gas-fired generators. The NAESB Business Practice Standards WEQ-000 definitions (WEQ-000-2)<sup>1</sup> are specific that:

1. PPGC is the term used to describe the entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) to meet those requirements.
2. A PPGC Facility is the term used to describe the natural gas-fired electric generating unit(s) under the direct control of the PPGC.

Both of these definitions apply directly to the standard under consideration – WEQ-011-1.2.

Moreover, in FERC Order No. 698 (Docket Numbers RM96-1-027 and RM05-5-001), paragraphs 1, 12 and 13, as well as in several other locations, the FERC noted that the coordination and communication required by these standards are applied to gas-fired power plant operators and pipelines.<sup>2</sup> In paragraph 1, it is noted that the standards will help improve coordination between the gas and electric industries in order to improve communications about scheduling of gas-fired generators. In paragraph 12, it is noted that the standards will ensure that pipelines have relevant planning information that will assist in maintaining the operational integrity and reliability of pipeline service, as well as providing gas-fired power plant operators with information as to whether hourly flow deviations can be honored. Similarly, in paragraph 13, it is noted that the information provided through implementation of the standards should assist RCs in assessing the relative reliability of various gas-fired generators.

As such, with the NAESB definitions for PPGC and PPGC Facility and the FERC cites noted, the intent of the standards to be applied to gas-fired generation facilities has been demonstrated. It is not demonstrated that these standards

NAESB WEQ Gas / Electric Coordination Standards – WEQ-011

were to be applied to non-gas-fired generation facilities, (i.e., facilities that do not rely upon natural gas for daily operations – such as coal-fired power plants).

End Notes for the interpretation:

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<sup>1</sup> The NAESB WEQ definitions cited in the interpretation are:

- Power Plant Gas Coordinator (PPGC) is the term used to describe the entity(ies) that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the appropriate Transportation Service Provider(s) to meet those requirements. The PPGC performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPGC is structured differently, specific responsibilities within each PPGC should be determined by the PPGC and the point of contact for the PPGC should be communicated to the Transportation Service Provider (s). This definition applies to NAESB WEQ Business Practice Standards WEQ-000-2, WEQ-011-1.1, WEQ-011-1.2, WEQ-011-1.3, WEQ-011-1.4, WEQ-001-1.5, and WEQ-011-1.6 and NAESB WGQ Standard Nos. 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15.
- WEQ-011-0.2: A Power Plant Gas Coordinator's Facility is the term used to describe the natural gas-fired electric generating unit(s) under the direct control of the PPGC. This definition applies to NAESB WEQ Business Practice Standards WEQ-011-1.2 and WEQ-011-1.3 and NAESB WGQ Standard Numbers. 0.3.12 and 0.3.13.

<sup>2</sup> For FERC Order No. 698, the cites in the interpretation are:

1. The Federal Energy Regulatory Commission (Commission) is amending parts 38 and 284 of its open access regulations governing standards for business practices and electronic communications with interstate natural gas pipelines and public utilities. The Commission is incorporating by reference certain standards promulgated by the North American Energy Standards Board (NAESB). Incorporation by reference of these standards will establish communication protocols between interstate pipelines and power plant operators and transmission owners and operators. This will help improve coordination between the gas and electric industries in order to improve communications about scheduling of gas-fired generators. Improved communications should enhance reliability in both industries.
12. The coordination and communication required by these standards will help improve the reliability of both the gas and electric industries by ensuring that all parties have information necessary for the scheduling and dispatch of natural gas-fired generation, and for the scheduling of the natural gas transportation necessary to supply fuel to these generators. The standards, for example, would require gas-fired power plant operators and pipelines to establish procedures to communicate material changes in circumstances that may affect hourly flow rates. These standards ensure that pipelines have relevant planning information that will assist in maintaining the operational integrity and reliability of pipeline service, as well as providing gas-fired power plant operators with information as to whether hourly flow deviations can be honored.
13. The standards further improve communication by requiring electric transmission operators and power plant operators to sign up to receive from connecting pipelines operational flow orders and other critical notices. These standards ensure that operators of the electric grid can stay abreast of developments on gas pipelines that can affect the reliability of electric service. The standards require that, upon request, a gas-fired power plant operator must provide to the appropriate independent electric balancing authority or electric reliability coordinator pertinent information regarding its service levels for gas transportation (firm or interruptible) and for gas supply (firm, fixed or variable quantity, or interruptible). This information should assist reliability coordinators in assessing the relative reliability of various gas-fired generators.

Comments Submitted by E. Skiba, WEQ SRS

**FORMAL COMMENTS**

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric  
Coordination  
WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011)  
**Submitted By:** Standards Review Subcommittee  
**Date:** October 15, 2009

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Under the Standards Review Subcommittee Scope of Work, which was approved by the SRS on March 6, 2008, the SRS agreed to review recommendations and if subcommittee deemed appropriate, they would submit advisory comments to the Executive Committee for consideration. The subcommittee completed its review of the recommendation and does not have any proposed changes for the Executive Committee to consider.

Comments Submitted by M. Kulas, Consumers Energy Company

## Consumers Energy Company

### WEQ Annual Plan Items 5.a.2 (R08004) and 5.i (R09011) Comments

- **Power Plant Gas Coordinator Facility (PPGC Facility)** – This definition is too broad and not applicable to Consumers Energy's actions, particularly if a third party is involved. The third party would not have direct control.
- **Power Plant Gas Coordinator (PPGC)** – This definition is also too broad. For example, it could describe Consumers Energy or a third party. Under the current definition the **RED** items are physically done by a third party and the **GREEN** are the responsibility of Consumers Energy

**The PPGC performs a number of coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements.**

As you can see, this definition creates more questions than answers.

- **Transportation Service Provider** - This definition also creates more questions for Consumers Energy than it provides answers. As an example, Pipeline Company A physically owns the gas transmission line that serves our Generation plant. Pipeline Company A also provides gas transportation services via tariff to its customers. Company B, acting as our Gas Management Services provider, obtains gas transportation service from Company A so it can delivery gas to the Generation plant and sell it to Consumers Energy. So, it is unclear as written if Transportation Service Provider is Pipeline Company A, in our case, or Company B.

Overall, there needs to be more detail to these definitions to better define what they mean, or add some new definitions like "Gas Transportation System Owner" to perhaps contrast this definition versus Transportation Service Provider.

**Late Comments Submitted by the WEQ and WGQ BPS Co-Chairs**

**FORMAL COMMENTS**

**Quadrant:** Wholesale Electric Quadrant  
**Recommendation:** WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011) "Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric Coordination"  
**Submitted By:** Joint Wholesale Electric Quadrant and Wholesale Gas Quadrant Business Practices Subcommittee Co-Chairs  
**Date:** January 6, 2010

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On December 15, 2009 and December 18, 2009, the Wholesale Electric Quadrant and Wholesale Gas Quadrant Business Practices Subcommittees held joint conference calls to review formal comments submitted by the Consumers Energy Company ([http://www.naesb.org/pdf4/weq\\_100209consumers.doc](http://www.naesb.org/pdf4/weq_100209consumers.doc)) in response to the recommendation for WEQ 2009 AP Items 5.a.2 (R08004) and 5.i (R09011) "Multiple Annual Plan Items Affecting WEQ-011 Gas/Electric Coordination." Based on our review of the comments, the subcommittee co-chairs, on behalf of the subcommittees, offer the following revisions to the proposed definitions for Power Plant Gas Coordinator, Power Plant Gas Coordinator Facility, and Transportation Service Provider. The terms Power Plant Gas Coordinator and Power Plant Gas Coordinator Facility replace existing terms Power Plant Operator and Power Plant Operator Facility, respectively. The term Transportation Service Provider is being defined for the first time within WEQ business practice standards. The subcommittees request the Wholesale Electric Quadrant Executive Committee consider these comments when taking action on this recommendation. The Wholesale Gas Quadrant Business Practices Subcommittee will be proposing similar changes to the proposed revisions to the definitions for Power Plant Gas Coordinator and Power Plant Gas Coordinator Facility when they post their recommendation for the 30-day formal comment period.

Additionally, the Wholesale Electric Quadrant and Wholesale Gas Quadrant Business Practices Subcommittees request that when the Wholesale Electric Quadrant and Wholesale Gas Quadrants take action on the Gas / Electric Coordination standards, they do so in a Joint Executive Committee meeting to ensure these coordination standards remain consistent.

*(Note: The Transportation Service Provider term as documented on the following page will not be included in the Wholesale Gas Quadrant Standards.)*

Late Comments Submitted by the WEQ and WGQ BPS Co-Chairs

TERM	DEFINITION
Power Plant Gas Coordinator (PPGC)	<p>The entity(ies) <u>responsible for acquiring natural gas to meet a PPGC Facility's operating requirements and for scheduling the delivery of said natural gas to the PPGC Facility</u><del>that has responsibility for gas requirements for a natural gas-fired electric generating facility(ies) and is responsible for coordinating natural gas deliveries with the</del> appropriate Transportation Service Provider(s) <del>to meet those requirements</del>. The PPGC <u>may perform some or all a number of the following</u> coordinated activities, including, but not limited to, power plant operations, unit dispatch, natural gas procurement and/or gas transportation arrangements. Because each PPGC is structured differently, specific responsibilities within each PPGC should be determined by the PPGC and the point of contact for the PPGC should be communicated to the Transportation Service Provider(s).</p> <p><i>(Note: This also applies to NAESB WGQ Standard Nos. 0.2.1, 0.2.2, 0.3.11, 0.3.12, 0.3.13, 0.3.14, and 0.3.15)</i></p>
Power Plant Gas Coordinator Facility (PPGC Facility)	<p><del>The</del> <u>A natural gas-fired electric generating unit(s) for which its natural gas supply and transportation requirements are coordinated by a</u> <del>under the direct control of the</del> PPGC.</p> <p><i>(Note: This definition also applies to NAESB WGQ Standard Nos. 0.2.3, 0.3.12 and 0.3.13)</i></p>
Transportation Service Provider	<p><u>Interstate pipeline(s), intrastate pipeline(s), natural gas gathering pipeline(s) or a local distribution company(ies)</u> <del>The entity that is providing</del> natural gas delivery services (e.g., transportation).</p> <p><i>(Note: This definition also applies to the NAESB Business Practices WGQ Standard Nos. 0.2.1 and 0.3.11 through 0.3.15)</i></p>



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**January 25, 2010**

**Via email and posting**

**TO:** NAESB Executive Committee (EC) Members  
**Submitters:** Valerie Crocket, Bob Harshbarger, Micki Schmitz, Keith Sappenfield, Mike Schisler  
**Subcommittee Chairs for notification:** Valerie Crockett, Richard Smith, Kim Van Pelt, Steve Abbey (WGQ BPS), Marcie Otondo, Paul Sorenson, J.T. Wood (WEQ OASIS), Keith Sappenfield (WGQ Contracts)  
**FROM:** NAESB Office  
**cc:** EC Alternates  
**RE:** NAESB Triage Actions Taken for R09014 to R09019

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Dear Triage Subcommittee and EC members,

Several requests were sent out for review and determination of disposition on October 15, 2009 – R09014 to R09019 -- all provided below as hyperlinks. There were no requests for conference call for discussion. A submitter modified her request for R09016, for which the modifications were made and redistributed for consideration. The requests were triaged as follows:

For [R09014](#), submitted by [Valerie Crockett](#) on behalf of Tennessee Valley Authority:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to create a section/heading under Informational Postings called Regulatory to include all filings made to the FERC, the request should be assigned to the WGQ Business Practices Subcommittee (BPS). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

For [R09015](#), submitted by [Robert Harshbarger](#) on behalf of Puget Sound Energy:

This request is (1) found within scope; (2) to be assigned to the Wholesale Electric Quadrant (WEQ); and (3) because it is a request to create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism, the request should be assigned to the WEQ OASIS Subcommittee (OASIS). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WEQ OASIS.

For [R09016](#), submitted by [Micki Schmitz](#) on behalf of Northern Natural Gas:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to add Rate Schedule data element to the Bid Upload and Bid Download datasets, the request should be assigned to the WGQ BPS. There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

For [R09017](#), submitted by [Keith Sappenfield](#) on behalf of the WGQ Contracts Subcommittee:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to develop a new ISDA Gas Confirmation Form for use with the ISDA Gas Annex based on the current Confirmation Form under the NAESB Base Contract for Sale and Purchase of Natural Gas, the request should be assigned to the WGQ Contracts Subcommittee. There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ Contracts Subcommittee.

For [R09018](#), submitted by [Mike Schisler](#) on behalf of NGPL:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to add a new MA data element to the Nominations dataset for Model "T" called "Path Rank", the request should be assigned to the WGQ BPS. There was nothing in the request indicating



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that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

For [R09019](#), submitted by [Mike Schisler](#) on behalf of NGPL:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to create two additional Allocation Transaction Type codes to improve the reporting of Pathed Non-Threaded levels of detail in the Allocation Statement, the request should be assigned to the WGQ Business Practices Subcommittee (BPS). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

If you have any questions on a specific request, please contact the requestor directly -- their email addresses are provided above. The noted dispositions for the requests and the requests themselves were forwarded to the Triage Subcommittee and the EC members on October 15, 2009. There were no dissenting comments received. As such, the requests are considered in scope and assigned to the indicated subcommittees for development. Please note that this communication serves as notice to the subcommittee chairs of the subcommittees to which the requests are assigned.



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**January 25, 2010**  
**Via email and posting**

**TO:** NAESB Executive Committee (EC) Members  
**FROM:** NAESB Office  
**cc:** EC Alternates  
**RE:** NAESB Triage Actions Pending for R09020 to R09025

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Dear Triage Subcommittee and EC members,

We have several requests to triage – R09020 – R09025 -- all provided below as hyperlinks. The NAESB office recommends the following actions:

For [R09020](#), submitted by [Paul Love](#) on behalf of Natural Gas Pipeline Company of America, LLC:

This request was submitted to add additional charge type and service requester level charge/allowance amount descriptor code values to NAESB WGQ Standard 3.4.. As such it has been forwarded to the Information Requirements Subcommittee leadership and has been reassigned as a minor correction, MC10004 to be addressed by the WGQ.

For [R09021](#), submitted by [Paul Love](#) on behalf of Gas Pipeline Company of America, LLC:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to add a Sender's Optional (S/O) data element to NAESB WGQ Standard No. 3.4.1-Transportation/Sales Invoice, Miscellaneous Notes, which would contain textual information associated with an invoice Line Number, the request should be assigned to the WGQ Business Practices Subcommittee (BPS). There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

For [R09022](#), submitted by [Paul Love](#) on behalf of Gas Pipeline Company of America, LLC

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to change the Change Charge Type conditionality in NAESB WGQ Standard 3.4.1 Transportation/Sales Invoice from Mutually Agreeable (MA) to Sender's Option (SO), the request should be assigned to the WGQ BPS. There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS.

For [R09023](#) and [attachment](#), submitted by [Barbara Rehman](#) on behalf of Bonneville Power Administration:

This request is (1) found within scope; (2) to be assigned to the Wholesale Electric Quadrant (WEQ); and (3) because it is a request to revise WEQ 001-21 language to accommodate the Transmission Provider's right to extend the performance of a Biennial Reassessment, the request should be assigned to the WEQ OASIS Subcommittee. The submitter has requested that the request be assigned a high priority, to be addressed as an urgent action by the WEQ OASIS Subcommittee.

For [R09024](#) and [attachment](#), submitted by [Barbara Rehman](#) on behalf of Bonneville Power Administration:

This request is (1) found within scope; (2) to be assigned to the Wholesale Electric Quadrant (WEQ); and (3) because it is a request to revise WEQ 001-14.1.3 and 001-15.1.2 to accommodate more timely ATC Narrative postings on OASIS, the request should be assigned to the WEQ OASIS Subcommittee. The submitter has requested that the request be assigned a high priority, to be addressed as an urgent action by the WEQ OASIS Subcommittee.

For [R09025](#), submitted by [Jim Buccigross](#) on behalf of 8760 Inc.:

This request is (1) found within scope; (2) to be assigned to the Wholesale Gas Quadrant (WGQ); and (3) because it is a request to add a new business practice to the Electronic Delivery Mechanisms (EDM) standards, the request should be assigned jointly to the WGQ Business Practices Subcommittee (BPS) and



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EDM Subcommittee There was nothing in the request indicating that it should be assigned a high priority, therefore, it should be addressed in the normal course of business of the WGQ BPS and WGQ EDM Subcommittees.

If you have any questions on a specific request, please contact the requestor directly -- their email addresses are provided as links with the requests. If you have any concerns on the above actions, please respond via email with your concern stated, and we will convene a conference call for its resolution. If no concerns are raised, then on February 15, triage notes will be posted on the NAESB web site indicating that the Triage Subcommittee and the EC agrees with the above actions, and the requests will be forwarded to the chairs of the subcommittees to which they have been assigned.

# Business Practices Subcommittee Update

February 2, 2010

## WEQ BPS Update

- Meetings
  - November 16, 2009
  - December 8, 2009
  - December 15 & 18, 2009 (Joint WEQ/WGQ BPS)
  - December 17, 2009 (Joint NERC TLR SDT)
  - January 20, 2010
- Accomplishments
  - Developed comments in response to formal comments submitted by Consumers Energy for Gas/Electric Coordination recommendation
- Ongoing work
  - TLR - Standards
  - Parallel Flow Visualization
  - Time and Inadvertent Management (monitor only)

# Joint NERC TLRSDT / NAESB BPS Update

- Meetings
  - December 17, 2009 (reviewed fourth round of comments submitted on IRO-006.5 and IRO-006-EAST.1)
- Ongoing Coordination
  - Team is currently reviewing responses to comments and changes to IRO-006.5 and IRO-006-EAST.1
- Upcoming Activities
  - Decision on whether to post for another round of comments or post for pre-ballot. Posting is targeted for around March 5, 2010.
- Note:
  - The Commission issued Order 713-B denying EPSA, NRG, and Constellation request for rehearing and clarification on NERC TLR Standards
  - The Commission issued RM10-9-000 Notice of Inquiry on the “interplay between Reliability Standard IRO-006-4 (Reliability Coordination - Transmission Loading Relief) and the curtailment priorities set forth in the Commission’s pro-forma open access transmission tariff; particularly sections 13.6 and 14.7.”

## Parallel Flow Visualization

- WEQ AP Item 1.b.i “Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection”
  - Reliability Coordinators (RCs) will report their Generation-to-Load (GTL) impacts to the Interchange Distribution Calculator (IDC) on a real-time basis or make arrangements.
  - The IDC would indicate the source of all flows on a flowgate and the priority of these flows (tag impacts, GTL impacts and market flow impacts).
  - An RC experiencing congestion would have visualization of the magnitude and source of all flows affecting their flowgate using information from the IDC.
  - An RC experiencing congestion would request an amount of flow reduction that would be processed by the IDC. A relief obligation would be issued to all parties contributing to the loading.

## Parallel Flow Visualization (continued)

- NERC is responsible for making the changes to the IDC. NERC is targeting changes to the IDC by November 1, 2010. (Functional Specification is expected to be approved by the IDCWG by February 5, 2010.)
- WEQ BPS will establish methodology for assigning the GTL flows into the appropriate priority buckets (e.g., firm or non-firm) that will be uploaded to the IDC.
- The NERC ORS is looking at a 12-18 month parallel test to analyze the results of the IDC changes.
- The WEQ BPS is currently identifying the general categories of data that would be uploaded to the IDC.
- Upcoming BPS Meetings:
  - February 23-24, 2010
  - March 17-18, 2010
  - April 1, 2010
- Unknown what impact RM10-9-000 may have on this Annual Plan item.

## Joint NERC BACSDT / NAESB TIMTF Update

- NERC/NAESB Conference Call October 5, 2009
  - Agreed to NAESB monitoring position until NERC is further along in their standards development process.
- Balancing Authority Controls Standards Drafting Team has held meetings:
  - November 5, 2009
  - December 1-2, 2009
  - January 18, 2009
- Upcoming Meetings
  - February 24-25
  - March 16
  - April 29-30

# Questions/Feedback





## North American Energy Standards Board

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via email

**TO:** NAESB WEQ Executive Committee  
**FROM:** NAESB WEQ DR/DSM EC Task Force  
**RE:** Guidance for NAESB WEQ DR/DSM Subcommittee  
**DATE:** December 1, 2009

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During the October 27, 2009, meeting of the WEQ Executive Committee, a Task Force was established to give guidance to the WEQ EC regarding the scope of work to be performed by the WEQ DSM/EE Subcommittee Work Group 3. A member from each segment was selected to provide balance to the Task Force. The Task Force met via teleconference on the following dates: Monday, November 2; Thursday, November 5; Tuesday, November 10, 2009; Thursday, November 12, 2009. Minutes from each meeting are attached for your review.

Based upon its review of background information, consultation with each of the subcommittee chairs and its deliberations, the Task Force has observed that confusion exists within the subcommittee concerning the meaning of the phrase "program design" that has hindered its efforts. The Task Force believes that program design encompasses the plan for branding, marketing, incentive, implementation strategies, customer relationship management, verification, performance targets, and budgets. Program design, in this context, is viewed by the Task Force as policy making, which is outside NAESB's purview. The current scope of the subcommittee's work is limited to measurement and verification of demand response. However, this does not preclude submittal of a new standards request for development of additional business practices outside this scope.

As a result of this review, the Task Force makes the following recommendations to the EC:

1. Direct the subcommittee to review the Business Practices for Measurement and Verification of Wholesale Electricity Demand Response (the "Phase I Standards") and identify standards that could be enhanced.
2. The Task Force recommends that the subcommittee investigate and develop additional information specific to performance evaluation type and associated service type.

### Recommendation 1

The Task Force recommends that the subcommittee be directed to review the Phase I Standards (WEQ-015, Business Practice Requirements: Provision of Wholesale Electric Demand Response Energy Products) in conjunction with the ISO/RTO Council's ("IRC") Demand Response Matrix to determine whether improvements, in the form of additional technical detail and/or clarity, can be made to any of the Phase I Standards. For example, the phrase "the System Operator shall specify" is used repeatedly within the standards. The subcommittee should enhance the standards by replacing this phrase with language that establishes minimums, maximums or specific metrics, where appropriate.



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The Task Force is of the belief that this recommendation is consistent with Annual Plan item 4(b) as currently written. However, the Task Force proposes that the EC consider modifying item 4(b) as follows to provide additional clarity (item 4(a) on the 2010 WEQ Annual Plan):

*Review the NAESB Business Practices for Measurement and Verification of Wholesale Electricity Demand Response (WEQ-015) in conjunction with the IRC developed Demand Response Matrix and identify business practice requirements that could be improved or made clearer through the addition of specific technical detail. The wholesale and retail demand response work groups and the Smart Grid task force should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.*

Recommendation 2

The Task Force recognizes that a specific performance evaluation type may not be appropriate for use with a given service type. The Task Force recommends that the subcommittee investigate and develop additional information specific to performance evaluation type and associated service type. Specifically, the additional information should include identification of the characteristics for each performance evaluation type/service type combination. Regional differences should be identified where appropriate. This does not mean the subcommittee should strive to develop a single performance evaluation method or baseline scheme. Rather, the overall goal is to craft consensus standards to aid all participants in the use measurement and verification methods for demand response programs in wholesale electric markets.

Performance Evaluation Type	Valid For Service Type			
	Energy	Capacity	Reserves	Regulation
Maximum Base Load	✓	✓	✓	
Meter Before / Meter After	✓	✓	✓	✓
Baseline Type-I	✓	✓	✓	
Baseline Type-II	✓	✓	✓	



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<b>Metering Generator Output</b>	✓	✓	✓	✓
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The Task Force believes this evaluation could result in greater detail or insight into the Phase I Standards. The Task Force does not believe that such information should be considered as part of a NAESB business practice or standard that could be imposed upon any entity. It is for this reason that the development of an appendix may be appropriate. (For further discussion on December 3, 2009).

The Task Force recommends adding the following as item 4(b) on the WEQ 2010 Annual Plan to implement this recommendation:

4(b) For each performance evaluation type/service type combination identified in WEQ-015, using the IRC matrix as a starting point, assess and determine what standards or guidelines, if any, should be developed to aid all participants in the use of measurement and verification methods for demand response programs in organized wholesale electric markets. If the determination is made that standards or guidelines will be developed, those items will be added as sub-items to 4(b).

Additional Observations

Based upon the deliberations leading to the passage of the Phase I Standards, text contained within the FERC NOPR<sup>1</sup> and the Commission’s comments contained in its order on CAISO’s Order No. 719 compliance filing<sup>2</sup>, it appears to the Task Force that there is an expectation among some NAESB participants<sup>3</sup> and FERC<sup>4</sup> that NAESB will continue its efforts beyond Phase I to develop more DR standards. Additionally, during a conference call with FERC staff on November 19<sup>th</sup>, the task force interpreted Staff comments that the phase II effort should seek to standardize performance evaluation criteria for demand response programs across all of the ISO/RTOs. Rather than focusing on the development of a set of standards, NAESB should work to create general principles that apply to all ISO/RTOs while also allowing for regional differences.

<sup>1</sup> Docket No. RM05-5-017, Standards for Business Practices and Communication Protocols for Public Utilities, Notice of Proposed Rulemaking, September 17, 2009

<sup>2</sup> “However, we note that the North American Energy Standards Board (NAESB) has adopted Phase I business practice standards for the measurement and verification of demand response, a first step in a process that may lead to greater standardization through the NAESB consensus process”. ¶43, Order on Compliance Filing, Docket No. ER09-1408-000, November 19, 2009

<sup>3</sup> “NAESB stresses that the key to several NAESB participants’ willingness to accept the standards submitted on April 17<sup>th</sup> was the agreement among participants to include more specific technical measurement and verification standards in NAESB’s current annual work plan and to proceed with further work on more detailed technical standards.” Ibid, p.4

<sup>4</sup> “Members of the WEQ need to continue their efforts to develop the substantive standards needed to achieve greater efficiency in the operation and evaluation of the performance of demand response products and services. The Commission continues to believe that the industry should take the lead in developing and implementing demand response standards that will be both practical and workable.” Ibid, p.8



## North American Energy Standards Board

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Although the subject subcommittee is limited (per the Annual Plan) to looking at M&V standards, the Task Force is of the opinion that NAESB and the WEQ should take a broader look at DSM/DR/EE standards and products. Questions such as, “What is program design?” and NAESB’s role (if any) in program design need to be clarified. Such an effort will help NAESB be responsive to the expectations of its membership, the industry, and FERC. For example, FERC held a technical conference on November 19 regarding demand response. NAESB should monitor these types of activities and, where appropriate, identify additional annual plan items to facilitate necessary work. The Task Force is also concerned about a potential divergence or conflict between M&V standards being developed in the WEQ versus those being developed for the Retail Quadrant. We do not see any mechanism in place to identify and resolve potential conflicts. It is recommended that a new provisional item be added to the WEQ 2010 Annual Plan to accommodate

Review the need for, and develop standards where appropriate, in response to issues raised by FERC’s National Action Plan on Demand Response.

Respectfully Submitted,

DR Task Force

Alan Johnson  
Daryl McGee  
Alan Pritchard  
Roy True  
Cathy Wesley  
Lou Ann Westerfield  
Attachments

Task Force meeting notes - November 2, 2009

Task Force meeting notes – November 5, 2009

Task Force meeting notes – November 10, 2009

Task Force meeting notes – November 12, 2009

Task Force meeting notes – November 16, 2009

Task Force meeting notes – November 30, 2009

**WEQ OASIS Progress Report as on 1-21-10**

2009 Annual Plan Item	2010 Annual Plan Item	Annual Plan Item	Scheduled	Underway	Concept Discussion	Draft	Recommendation	Sub-committee Review	Post Informal Comments	Review Comments	Sub-committee Final Review	MAESB Clean-up	Post for Formal Comments	EC Passed	Ratified
2.a.i.1	2.a.i.1	Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource													
2.a.i.2	2.a.i.2	Ability to Query Requests to Designate and Terminate Network Resources and Allow for Queries of All Information Provided with Designation Requests													
2.a.i.3	2.a.i.3	Masking of Designated Network Resource Operating Restrictions and Generating Cost Information													
2.a.i.4	2.a.i.4	Procedural Requirements for Submitting Designations over new OASIS Functionality													
2.a.i.5	2.a.i.5	Specify How Designated Network Service Informational Postings are Posted on OASIS													
2.a.i.6	2.a.i.6	Set Forth the Treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation													
2.a.i.7	2.a.i.7	Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources													
2.a.i.8	2.a.i.8	Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations													
2.a.ii.1	2.a.ii.1	Pre-Emption													
2.a.ii.2	2.a.ii.2	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff (R05019)													
2.a.iii.1	2.a.iii.1	Paragraph 1577 The coordination of requests across multiple transmission systems													
2.a.iii.2	2.a.iii.2	Re-Bid Of Partial Service across Multiple Transmission Providers' Systems													
2.a.iii.3	2.a.iii.3	Group DNR requests from a system with point-to-point requests on other systems for synchronization													
2.a.iv.1	2.a.iv.1	Paragraph 1590 of Order 890 Review existing business functions to determine if there is any impact on these business functions related to TC modifying its application for service to the point that the request is "meaningfully different" than initial request													
2.a.iv.2	2.a.iv.2	Paragraphs 1627 of Order 890 The posting of additional curtailment information on OASIS													
2.a.iv.3	2.a.iv.3	Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services.													
2.b.i.1	2.b.i.1	The processing of transmission service requests, which use TTC/ATC/AFC, in coordination with NERC changes to MOD 001 (R05004)													

**WEQ OASIS Progress Report as on 1-21-10**

2009 Annual Plan Item	2010 Annual Plan Item	Annual Plan Item	Scheduled	Underway	Concept Discussion	Draft	Recommendation	Sub-committee Review	Post Informal Comments	Review Comments	Sub-committee Final Review	Sub-committee Approval	MAESB Clean-up	Post for Formal Comments	EC Passed	Ratified
3.a.i	3.a.i	Network Services: Determine and develop needed business practice standards or other support is needed to support use of OASIS for Network Service transactions (R04006E). (Related to AP 2(a)(iii))														
3.a.iii	3.a.iii	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff. (R05019)														
3.a.iv.1	3.a.iv.1	Eliminate Masking of TSR tag source and sink when requested status is denied, withdrawn refused, displaced, invalid, declined, annulled or retracted (R05026)														
3.a.iv.2	3.a.iv.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. (R05026)														
3.a.iv.3	3.a.iv.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. (R05026)														
3.b.ii	3.b.ii	Develop PKI standards for OASIS.														
5.a.1	5.a	OASIS Consistency Changes (R08001, R08002, R08003, R08005)														
5.d	5.b	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. (R08011)														
5.g	5.c	Correct WEQ 013-2.6.7.2 - Resale off OASIS (R08027)														
5.h	5.d	Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 (R09003)														
	5.e	Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism (R09015)														
	7.a	Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (¶39)														
	7.b	Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶72)														
provisional 2	provisional 2	Develop business practices for allocating capacity among requests received during a submittal window Order 890-A (Docket Nos. RMo517-001, 002 and RMo525-001, 002 - Paragraph 805)														

**WEQ OASIS Progress Report as on 1-21-10**

2009 Annual Plan Item	2010 Annual Plan Item	Annual Plan Item
		Scheduled
		Underway
		Concept Discussion
		Draft
		Recommendation
		Sub-committee Review
		Post Informal Comments
		Review Comments
		Sub-committee Final Review
		Sub-committee Approval
		NAESB Clean-up
		Post for Formal Comments
		EC Passed
		Ratified

**LEGEND:**

- Progress legend
- Completed prior to February 2010 EC Meeting
- Completed since February 2010 EC Meeting
- AP item legend
- 890 Work Plan
- Normal Annual Plan Items
- New Items Added
- 2009/2010 AP item legend
- AP items linked to nits
- AP items linked to R05019
- AP items linked to services across multiple TP
- AP items linked to R05026
- AP items that stand alone

# Standards Review Subcommittee Update

February 2, 2010

# Recent Activities

- Meetings:
  - November 3, 2009
  - December 15, 2009
  - January 15, 2010
- Ongoing Activities
  - Monthly Review of NERC Activities
    - Identified two NERC Projects that need to be tracked; one for the Business Practices Subcommittee (Project 2007-02) and one for Joint Electric Scheduling Subcommittee (Project 2009-03)
  - Review of Recommendations Posted for formal comments
    - Glossary Recommendation
    - Non-Disclosure Agreement

# Upcoming Activities

- Meetings:
  - February 16, 2010
  - March 16, 2010
  - April 13, 2010
- Ongoing Activities
  - Monthly Review of NERC Activities
  - Review of Recommendations/Documents  
Posted for Formal Comments

## Questions/Feedback

- SRS requests others also to look at the NERC activities to assess whether they think NAESB should be developing complementary standards
- SRS is seeing more representation from the WEO members.
- SRS seeks continued participation in monthly conference call meetings.



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**NORTH AMERICAN ENERGY STANDARDS BOARD  
2010 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
As Approved by NAESB Board of Directors on December 10, 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) Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection.	2010	BPS
Note: Consideration should be given to provisional item 4. Work is being coordinated with the NERC IDC Working Group.		
Status: Started		
b) Time Error and Inadvertent (BAL-004 and BAL-006) Coordination with NERC	TBD	TIMTF
Status: Monitor. (Upon initiation of this item by NAESB, a completion date will be determined. Based on discussions with NERC staff regarding the Balancing Authority Controls Standards Drafting Team's timeline the completion date has been changed to tbd.)		
c) DCS and AGC (BAL-002 and BAL-005) Coordination with NERC	TBD	TIMTF
Status Monitor. (Upon initiation of this item by NAESB, a completion date will be determined. Based on discussions with NERC staff regarding the Balancing Authority Controls Standards Drafting Team's timeline the completion date has been changed to tbd.)		
<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		
1) Use of OASIS to Make Electronic Requests to Designate and Terminate Network Resource	1 <sup>st</sup> Q, 2010	OASIS
Status: Underway		



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	<b>Item Description</b>	<b>Completion<sup>1</sup></b>	<b>Assignment<sup>2</sup></b>
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, 2010	OASIS
3)	Masking of Designated Network Resource Operating Restrictions and Generating Cost Information Status: Underway	1 <sup>st</sup> Q, 2010	OASIS
4)	Procedural Requirements for Submitting Designations over new OASIS Functionality Status: Underway	1 <sup>st</sup> Q, 2010	OASIS
5)	Specify How Designated Network Service Informational Postings are Posted on OASIS Status: Underway	1 <sup>st</sup> Q, 2010	OASIS
6)	Develop standards for the treatment of OASIS Requests when the Customer Fails to Provide the Necessary Attestation Status: Underway	1 <sup>st</sup> Q, 2010	OASIS
7)	Procedural Requirements for Submitting Both Temporary and Indefinite Terminations of Network Resources Status: Underway	1 <sup>st</sup> Q, 2010	OASIS
8)	Procedures for Submitting and Processing Requests for Concomitant Evaluations of Transmission Requests and Temporary Terminations Status: Underway	1 <sup>st</sup> Q, 2010	OASIS
ii)	Group 4: Pre-Emption; Request No. R05019		
1)	Pre-Emption Status: Not Started	3rd Q, 2010	OASIS
2)	Request No. R05019 Status: Not Started	3rd Q, 2010	OASIS
iii)	Group 5: Paragraph 1377 – Group 5 work should precede group 4 work		
1)	Paragraph 1377 Status: Not Started	2nd Q, 2010	OASIS
2)	Re-Bid Of Partial Service across Multiple Transmission Providers' Systems Status: Not Started	2nd Q, 2010	OASIS



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
3) Group DNR requests from a system with point-to-point requests on other systems for synchronization Status: Not Started	2nd Q, 2010	OASIS
iv) Group 6: Miscellaneous (Paragraphs 1390 and 1627 of Order 890)		
1) Paragraph 1390 of Order 890 Status: Not Started	4 <sup>th</sup> Q, 2010	OASIS
2) Paragraphs 1627 of Order 890 Status: Not Started	4 <sup>th</sup> Q, 2010	OASIS
3) Redispatch Cost Posting to allow for posting of third party offers of planning redispatch services. Status: Not Started	4 <sup>th</sup> Q, 2010	OASIS
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	1 <sup>st</sup> Q, 2010	OASIS
<b>3 Develop business practices standards to improve the current operation of the wholesale electric 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	1 <sup>st</sup> Q, 2010	OASIS
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) Transition the TSIN Registry from NERC to NAESB as the enhanced Electric Industry Registry (EIR), ( <a href="#">R06027</a> ). Status: Underway	2010	NAESB/NERC Administration, JESS



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	Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
iii)	Document procedures used to implement the displacement/interruption terms of the Pro Forma tariff ( <a href="#">R05019</a> ).  Status: Deleted as a duplicate of 2009 AP item 2.a.ii.2	2011	OASIS
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 OASIS.		
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	2011	OASIS
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)	2011	OASIS
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)	2011	OASIS
v)	Develop, coordinate interoperability testing, and implement e-Tag version 1.8.1  Status: Underway – 20090716 discussed rough time frames laid out needs test plans drafted	1 <sup>st</sup> Q, 2010	JESS
vi)	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	JESS
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)	2010	Board Certification Program Committee
ii)	Develop PKI standards for OASIS.  Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2011	OASIS



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<p>iii) Develop Industry Implementation Plan for meeting PKI Standard requirements for e-tagging.</p> <p>Status: Underway. Full e-Tag implementation (server &amp; client side) is linked to the transition of the Registry from NERC to NAESB and NAESB implementation. 20090716 – server-side certificate underway – change TSIN to accept https URLs with a September 2009 target.</p>	TBD – dependent on item above (i) and EIR	JESS
<p><b>4 Review and develop business practices standards to Demand Response, Demand Side Management and Energy Efficiency Programs</b></p> <p>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.</p>		
<p>a) Review the NAESB Business Practices for Measurement and Verification of Wholesale Electricity Demand Response (WEQ-015) in conjunction with the IRC developed Demand Response Matrix and identify business practice requirements that could be improved or made clearer through the addition of specific technical detail. The wholesale and retail demand response work groups and the Smart Grid task force should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.</p> <p>Status: In Progress</p>	Phase 2	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
<p>b) For each performance evaluation type/service type combination identified in WEQ-015, using the IRC matrix as a starting point, assess and determine what standards or guidelines, if any, should be developed to aid all participants in the use of measurement and verification methods for demand response programs in organized wholesale electric markets. If the determination is made that standards or guidelines will be developed, those items will be added as sub-items to 4(b).</p> <p>Status: In Progress</p>	Phase 2	WEQ Section of the Joint WEQ/REQ DSM-EE Subcommittee
<p>c) Develop glossary for business practice standards</p> <p>Status: Ongoing</p>	Ongoing	Joint WEQ/REQ DSM Subcommittee
<p>d) Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets.<sup>3</sup> This includes developing 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: Underway (An estimated completion date will be established in 1<sup>st</sup> Q, 2010 after the new subcommittee has been formalized)</p>	2010	Joint WEQ/REQ DSM-EE Subcommittee



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>5 Maintain existing body of Version 2.x standards</b>		
a) Make consistency changes to Version 2.2 standards as directed by the WEQ Leadership Committee on December 12, 2007 OASIS Consistency Changes (R08001, R08002, R08003, R08005)  Status: Not Started (upon initiation of this item by NAESB, a completion date will be determined)	2011	OASIS
b) 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 OASIS in May 2008.	2011	OASIS
c) Correct WEQ 013-2.6.7.2. – Resale off OASIS ( <a href="#">R08027</a> )	TBD	OASIS
d) Add language to WEQ-001-4 Online Negotiation and Confirmation process to clarify Table 4-3 ( <a href="#">R09003</a> )	TBD	OASIS
e) Create a new OASIS mechanism that allows for the merger of like reservations without the use of the resale mechanism ( <a href="#">R09015</a> )	TBD	OASIS
<b>6. Develop Smart Grid Wholesale and Retail Electric Standards</b> - The wholesale and retail demand response work groups and the Smart Grid task force should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.		
a) Develop requirements and use cases for PAP 03 – Pricing Model Status: Underway	1 <sup>st</sup> Q, 2010	Joint WEQ/REQ SGS Task Force
b) Develop requirements and use cases for PAP 04 – Scheduling Model Status: Underway	1 <sup>st</sup> Q, 2010	Joint WEQ/REQ SGS Task Force
c) Develop requirements and use cases for PAP 09 – Demand Response/Distributed Energy Resources Status: Underway	1 <sup>st</sup> Q, 2010	Joint WEQ/REQ SGS Task Force
d) Act as a convener (develop and implement a plan to expedite harmonized standards development and adoption within the associated standards bodies) and develop business practice standards as needed and assigned to NAESB for PAP 10 – Standard Energy Usage Information Status: Not Started	2010	Joint WEQ/REQ SGS Task Force



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Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>7. Develop or modify standards to Support <a href="#">FERC Order No. 676-E</a>, (Docket No. RM 05-5-013)</b>		
a) Review standards 001-14.1.3 and 001-15.1.2 based on FERC Order No. 676-E (See ¶ 39) Status: Not Started	TBD	OASIS
b) Develop standards to support the Transmission Provider right to reassess the availability of conditional firm (See ¶ 72) Status: Not Started	TBD	OASIS
c) Prepare status reports every six months regarding the development of standards for the coordination of transmission service requests across multiple transmission systems (See ¶ 105). This annual plan item is tied to Annual Plan Item 2(a)(iii) Status: Not Started	TBD	NAESB Office



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**NORTH AMERICAN ENERGY STANDARDS BOARD  
2010 ANNUAL PLAN for the WHOLESALE ELECTRIC QUADRANT  
as Approved By the NAESB Board of Directors on December 10, 2009**

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### PROVISIONAL ITEMS

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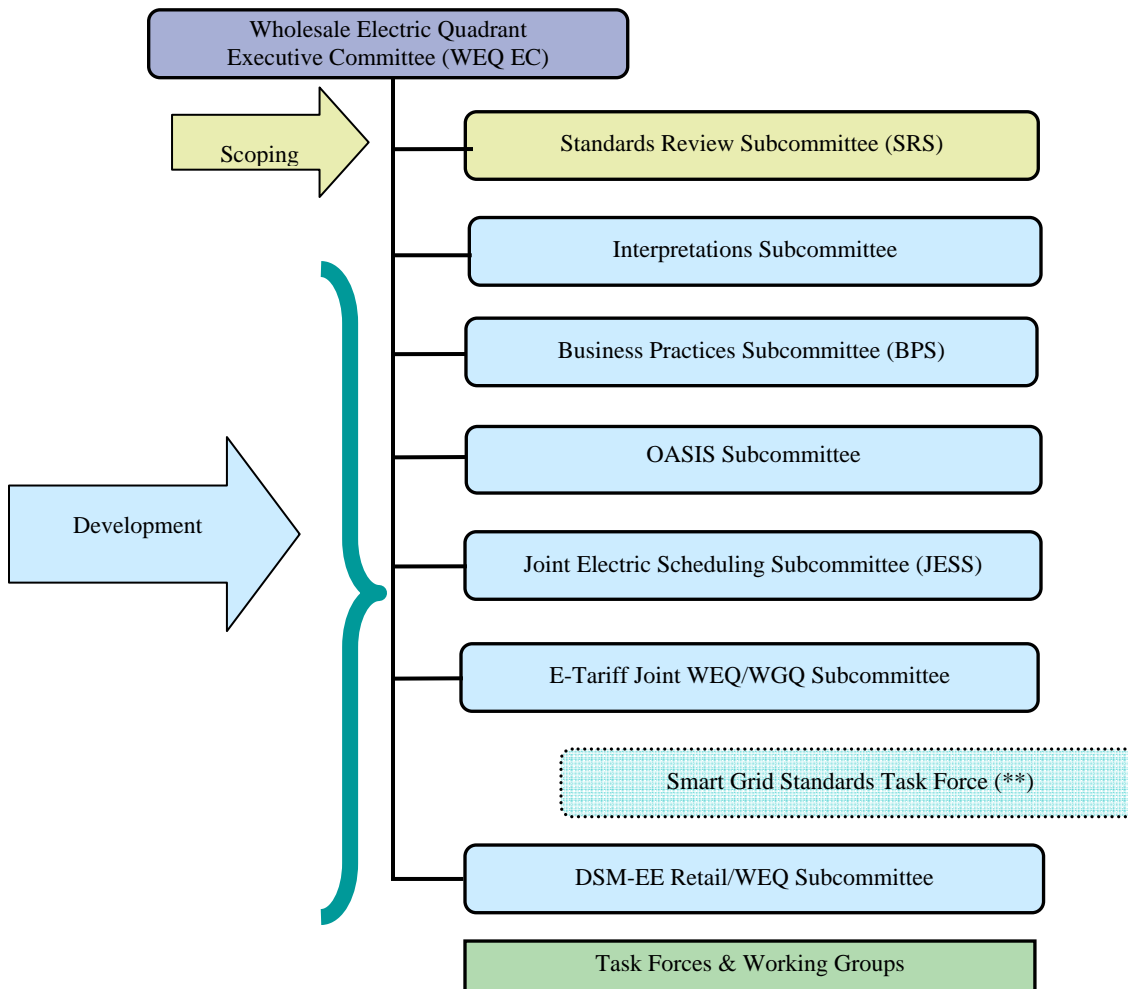
- 1 Develop and or modify business practices related to support of NERC effort on the NERC Resources and Transmission Adequacy (Project 2009-05 Resource Adequacy Assessment).
- 2 Develop business practices for allocating capacity among requests received during a submittal window Order 890-A ([Docket 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 2010 WEQ Annual Plan 1.a (Parallel Flow Visualization/Mitigation for Reliability Coordinators in the Eastern Interconnection).
- 5 Develop complementary standards that align with NERC Project 2008-01 Voltage and Reactive Control, for which a white paper is expected after the SAR is authorized to proceed by the NERC Standards Committee.
- 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.
- 8 Develop business practice standards for cap and trade programs for green house gas
- 9 Conduct assessment to determine if Electric Industry Requirements documented in WEQ-011 Gas / Electric Coordination should be considered reliability requirements and transition to NERC.
- 10 Develop needed business practice standards for organization/company codes for NAESB standards – and address current issues on the use of DUNs numbers. Common code usage is linked to the transition of the Registry from NERC to NAESB.
- 11 Support the second phase of retail development of model business practice standards for demand response programs (Shown as Item 3e on the Retail 2010 Annual Plan).
- 12 Review the need for, and develop standards where appropriate, in response to issues raised by FERC's National Action Plan on Demand Response.



# North American Energy Standards Board

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## WHOLESALE ELECTRIC QUADRANT EXECUTIVE COMMITTEE AND SUBCOMMITTEE STRUCTURE



### NAESB WEQ EC and Subcommittee Leadership:

Executive Committee: Kathy York (WEQ EC Chair) and Matthew Goldberg (WEQ EC Vice Chair)

Standards Review Subcommittee: Narinder Saini, Ed Skiba

Interpretations Subcommittee: Robert Schwermann

Business Practices Subcommittee & Task Forces: Jim Busbin (TLR), Ed Skiba

Open Access Same Time Information System (OASIS): Paul Sorenson, J.T. Wood, Marcie Otondo

Joint Electric Scheduling Subcommittee (JESS): Bob Harshbarger (NAESB), Jim Hansen (NERC)

e-Tariff Joint WEQ/WGQ Subcommittee (e-Tariff): Jane Daly (WEQ), Keith Sappenfield (WGQ)

DSM-EE REQ/WEQ Subcommittee: Ruth Kiselewich and David Koogler (Retail), Roy True and Paul Wattles (WEQ)

(\*\*) The Smart Grid Task Force is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS (Organization for the Advancement of Structured Information Standards, not Open Access Same Time Information Systems related to NAESB standards and FERC actions), CalConnect, FIX and UCAlug, among others. Direction may be given from NIST, DoE or FERC and the group reports to the NAESB Board Smart Grid Strategic Steering Committee. The group is chaired by Brent Hodges, Joe Zhou, Wayne Longcore and Robert Burke.



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### End Notes WEQ 2010 Annual Plan:

<sup>1</sup> Dates in the completion column are by end of the quarter for completion by the assigned committee, sub-committee or task force. 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 sub-committee structure can be found at the end of the annual plan document.

<sup>3</sup> Energy efficiency may be a wholesale product, such as capacity. Energy efficiency in retail markets may be from individual energy efficiency measures at the project level or a portfolio of projects that make up an energy efficiency program.

<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).



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December 10, 2009

**TO:** NAESB Board of Directors, Executive Committee (EC) Members, EC Alternates, and Invited Guests  
**FROM:** Cory Galik Cummings, NAESB Staff Attorney  
**RE:** Draft Minutes of the NAESB Board Meeting – December 10, 2009

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**NAESB BOARD OF DIRECTORS MEETING**  
**Marriott IAH Airport Hotel, Houston, Texas**  
**Thursday, December 10, 2009 – 9:00 a.m. to 1:00 pm Central**  
**DRAFT MINUTES**

### 1. Administration and Welcome

Ms. Crockett welcomed the Board members and guests in the room and on the phone. Mr. Boswell read the antitrust guidelines. Ms. Cummings called the roll of the NAESB Board members. Quorum was established.

### 2. Adoption of the Agenda and Minutes

The Board members reviewed the draft agenda. Agenda item 6 – Special Report from NIST on Cybersecurity Standards and the Smart Grid was moved after agenda item 9 – 2010 Executive Committee Reports. Mr. Hossain moved to adopt the agenda as revised and Mr. Oberski seconded the motion. The motion passed without objection. Next, the draft minutes from the September 24 board meeting were reviewed. Mr. Hossain moved, seconded by Mr. Lucas to adopt the minutes as drafted.

### 3. Membership and Financial Report

Membership Report: Ms. McQuade reviewed the [membership report](#). NAESB continues to lose memberships, with the majority of the losses in the WEQ and WGQ quadrants. The creation of a new WEQ segment in January should increase membership as more companies become involved in NAESB's smart grid activities. As reported previously, based upon exit interviews, most companies cited the poor economy and consolidation of multiple memberships as the grounds for resignation. None of the resignations were cited as due to the increase in dues.

Financial Report: Ms. Wishart provided an account of the [financial report](#) and [financial chart](#). The meeting statistics show the number of meetings held by conference call, in person and the number of hours allocated for these meetings for 2009. The report also lists the number of products sold, a month-by-month accounting of membership, and membership changes by segments and quadrants. In reviewing the balance sheet, it shows an increase in expenses which are directly related to the increase in the number of meetings held, particularly related to smart grid, but the increase in expenses is offset by the increase in revenues collected resulting from the dues increases, sales of work products and revenues from courses.

### 4. Presentation of 2010 Budget Proposal for Vote for Adoption

Budget Proposal for 2010: Ms. McQuade reviewed the [2010 budget proposal](#). It describes the proposal in terms of the 2009 year end estimate and is based on the September 2009 actuals. The budget assumes an increase in membership as a result of the new WEQ quadrant and the addition of one new staff member in 2010 to ensure the NAESB office can provide adequate meeting coverage. The NAESB office anticipates moving to another building in April 2010, which will either reduce the lease cost or delete the increase in lease cost projected by Griffin Partners should we stay in our current building. Travel and meeting expenses will decrease slightly with more reliance on conference calling to support the industry's travel limitations. The Managing Committee met on November 30, 2009 to review this budget and an alternative budget. Mr. Morris moved, seconded by Mr. Gent to approve the budget. The motion unanimously passed a simple majority vote.



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### 5. Reports from Board Committees

**Resources:** Mr. Brown provided the [report](#). He called for more participation at the Board Resources meetings, noting that only a few board members are actively involved. Five new members have joined NAESB since the September Board meeting but 15 members were lost. Many of those losses were due to companies consolidating multiple memberships. Some companies withdrew their membership completely, including one that contained a board member. The Board Resources Committee has a list of short term prospects that have received membership packets, including companies involved in demand side management (DSM), smart grid, wind and solar projects. He asked board members to get involved in outreach to these companies. Mr. Brown will work with Ms. McQuade to create a list of top candidates for membership for board members to contact. The WEQ has several board openings; Ms. McQuade, Mr. Desselle and Mr. Brown will meet to identify people in the fill those board positions. There are also a number of openings in the retail quadrants. Mr. Novak has been working with Ms. Rager to identify potential members for the retail seats.

**WEQ Segment Restructuring:** Ms. McQuade provided the update on the [WEQ segment restructuring](#) and the addition of a technology/services segment. The WEQ Board approved moving forward with the new segment. The new segment will allow technology companies to work with NAESB on the current smart grid activities. Members in the end user and transmission segment that provide technical services are also eligible to move to the new segment. The seats that have become “at large” will return to their original subsegment at the expiration of the term in an effort to preserve the intended balance in the quadrant.

**Retail Membership Update:** Mr. Minneman provided the update. The retail quadrants restructured in the third quarter of 2009. Under the new structure the quadrants are divided into three segments; 1) the Suppliers/Services Providers segment, 2) the Utilities segment, and 3) the End Users/Public Agencies segment. The number of Board members and Executive Committee seats in both quadrants was set at four per segment. Both retail quadrants are still below the minimum number of required members as set in the bylaws and there will be a board level review of the quadrants in 2010. New members are anticipated with the retail Demand Side Management and Energy Efficiency (DSM-EE) and smart grid efforts.

**Managing Committee Update:** Ms. McQuade provided the update. The Managing Committee met via conference call to review the options for the 2010 budget and unanimously approved the budget that was approved by the board earlier in the meeting. The notes for that meeting can be found at the following link: <http://www.naesb.org/pdf4/managing113009notes.doc>.

### 6. Special Report from NIST on Cybersecurity Standards and the Smart Grid

Ms. Lee from NIST provided a [power point presentation](#) for her report on the Cybersecurity Coordination Task Force. She reviewed President Obama’s Cyberspace Policy and noted the quick pace for the program. The Smart Grid Cybersecurity Strategy group has over 270 volunteer participants that have been meeting via weekly teleconference since March of this year. The group has divided into several working groups, all of which have a Twiki site to keep all participants up to date with the working group activities. She encouraged any interested participants to contact her. The strategy of the group is to select use cases with cyber security considerations, perform risk assessments of the Smart Grid development of security architecture linked to the Smart Grid interface diagrams, and identify cyber security requirements and risk mitigation measures to provide adequate protection. The goal of the group is create recommended cyber security requirements. NIST is not a regulatory body and cannot mandate its work. There is a time limit on their work due to the Energy Independence and Security Act that mandates NIST’s smart grid efforts.

### 7. Updates on Specific Efforts

**Publications:** Ms. McQuade provided an update for all the quadrant publications. Ms. Rager is completing the [Retail Version 1.2](#) and it will be published by the end of the year. The WEQ has scheduled the [Version 2.2](#) publication for first quarter of 2010 to accommodate FERC Order No. 890. The [WGQ Version 2.0](#) will be published in late 2010 after the quadrant voted to change to an annual publication schedule.



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WEQ, Update on FERC Order No. 890 efforts: Ms York provided an [update on recent Order 890 efforts](#). She noted that the WEQ OASIS subcommittee has been working hard to complete the standards related to FERC Order No. 890. They anticipate completion of the work related to Network Integration Transmission Services (NITS) by the end of the year with a draft of the standards out for comment in the first quarter of 2010. The next item to be addressed will be transmission across multiple transmission services.

WEQ/Retail Electric, Update on Demand Response and Demand Side Management: Mr. True provided the [update on the DSM efforts](#). FERC released its Notice of Proposed Rulemaking (NOPR) on the WEQ Demand Response (DR) standards in September. Since the last board meeting the WEQ DR work group has met four times to address the second phase of DR standards development. In October the WEQ EC created a task force to provide direction to the work group on its phase II efforts. This task force met six times and made the following recommendations to the EC; 1) direct the subcommittee to review the business practices for measurement and verification (M&V) of wholesale electricity demand response (the Phase I standards) and identify standards that could be enhanced; and 2) investigate and develop additional information specific to performance evaluation type and associated service type. The two co-chairs of the work group resigned due to other commitments and to be able to better advocate in the meetings. Mr. True volunteered to chair the work group in the interim.

WEQ/Retail Electric, Smart Grid Update: Mr. Booe provided the update for these efforts. Since the last board meeting the smart grid task force has worked hard to complete the responsibilities assigned to them; 1) [Priority Action Plan 03](#) – The Development of a Common Price Communication Model; 2) [Priority Action Plan 04](#) – The Development of a Common Scheduling Mechanism; and 3) [Priority Action Plan 09](#) – The Development of Standard Demand Response Signals. The task force and task force work group have held 14 conference calls and held one 3 day face-to-face meeting to develop the work products requested by NIST. In response to Priority Action Plan 09 The Task Force has created three documents; 1) A Framework Document for Integrated Demand Response and Distributed Energy Resource Models – which describes at a high level the various transactions related to demand response and DER events); 2) A set of Wholesale Market Use Cases – which for the most part were contributed by the ISO-RTO members and are being expanded by the Task Force; and 3) A set of Retail Market Use Cases. In response to Priority Action Plan 03 the task force created a set of use cases for price communication transactions and also a requirements document in response to Action Plan 04. These five documents were posted for an informal comment period on November 17, 2009 and presented at the Grid Interop meeting in Denver that same week. The task force received a number of comments and is reviewing them to further develop the posted documents. The task force tentatively scheduled to vote these Phase 1 documents out of the subcommittee for the 30 day formal comment period in mid-January. The goal is to have these documents ratified by the membership and filed with NIST and FERC by the end of March or early April, although that timeline may be extended. NAESB was informed this week that it has been assigned some responsibilities related to [Priority Action Plan 10 – Standard Energy Usage Information](#). Mr. Lucas asked what board members could do to help with the smart grid activities. Members were encouraged to look to see which technical experts in their companies could help develop use cases. There is some concern with the process NIST is using to develop standards and with transparency for the way in which the standards are adopted. It was asked if the board could sponsor an outreach to NIST to have NAESB provide input on the process to create standards that have industry consensus and transparency. Mr. Boswell noted that this issue was discussed and NAESB plans to name a board committee to coordinate this effort. It is critical that participants believe in the process and that the needs of the stakeholders are met.

### 8. 2009 Executive Committee Reports

Mr. Buccigross reviewed the [2009 WGO Annual Plan](#) and noted the items that were completed. Mr. Novak reviewed the [2009 Retail Annual Plan](#) and noted the items that would be carried over to the 2010 plan. Ms. York reviewed the [2009 WEQ Annual Plan](#). The motion to approve all three annual plans was made by Mr. Hurley and seconded by Mr. Oberski. The motion unanimously passed a simple majority vote.

### 9. 2010 Executive Committee Reports

Mr. Buccigross reviewed the 2010 WGQ Annual Plan; Mr. Novak reviewed the 2010 Retail Annual Plan; and Ms. York provided the review for the 2010 WEQ Annual Plan.



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In discussion on the WEQ 2010 plan, Mr. Phillips asked how item 4(e) was added to the WEQ Annual Plan. Ms. McQuade answered that Mr. Breidenbaugh, a board member, asked that it be included when the plans were sent out for comment with requests for additions. Mr. Breidenbaugh noted that the item was developed from discussion on FERC's strategy for the next five years and discussion on scope for the DSM-EE subcommittee. If this is an item the FERC would like to see addressed he thought it best to allow the industry to have an opportunity to develop it. Mr. Phillips stated that Midwest ISO and the other ISOs have not had an opportunity to discuss the issue but he believed that it infringed upon market design activities, which is a function of the FERC. He noted that the EC did not approve this annual plan item. Mr. Boswell noted that it was not a requirement for the EC to approve the annual plan, as that was the responsibility of the board. Mr. Phillips stated he valued the EC's input and noted that it was important to know which annual plan items had been discussed by the EC and which had been submitted by individual board members. Mr. Breidenbaugh moved to approve all three annual plans and Mr. Ellsworth seconded the motion. In discussing the motion, Mr. Phillips asked that item 4(e) be removed from the WEQ Annual Plan. Mr. Breidenbaugh did not agree with the amendment to the motion. Mr. True asked, in the interest of better understanding the item, to move the annual plan item in question to the provisional items section. Mr. Novak agreed and suggested that the item be revisited at the March board meeting to allow participants time to review the item before voting on it. Mr. Breidenbaugh and Mr. Ellsworth agreed with Mr. Novak's suggestion. Mr. Phillips stated that he would prefer striking the item altogether from the plan. Ms. McQuade noted that Mr. Phillips' concern goes to the heart of discussions on standards and program design, and whether or not this item should be considered for development by NAESB. She recommended that board determine how to best resolve whether to add the item as it may become an issue for future smart grid and DR work. Mr. Desselle asked Mr. Breidenbaugh and Mr. Ellsworth to accept a modification to the motion to approve the annual plan without this particular item and to discuss it at the March board meeting. Mr. Breidenbaugh and Mr. Ellsworth agreed. This item will be placed on the agenda for the March 2010 NAESB Board of Directors meeting.

### 10. Plan for March 2010 Board Meeting

Ms. McQuade noted that the March 25, 2010 board meeting will be held in Houston, Texas. Ms. Crockett asked Board and EC members to fly in the day before the meeting to attend the leadership meetings as they allow leadership an opportunity to discuss quadrant issues in greater detail than can be addressed during the board meeting. The 2010 Board meeting schedule can be found at the following link:  
[http://www.naesb.org/misc/2010\\_schedule.doc](http://www.naesb.org/misc/2010_schedule.doc).

### 11. Old and New Business

Ms. McQuade noted that eleven different filings have been made by the NAESB office. See the government activities page for more information on regulatory actions that may have an impact on NAESB:  
<http://www.naesb.org/Noprs.asp>

### 12. Adjourn

Mr. Hurley moved to adjourn the meeting, seconded by Mr. Hossain. The meeting adjourned at 11:54 a.m. Central on December 10, 2009.

### 13. Board Attendance and Voting Record (Vacancies Omitted)

		ATTENDANCE
<b>WGQ PRODUCERS SEGMENT</b>		
Richard D. Smith	Regulatory & Compliance Manager, Noble Energy Inc.	In Person
Bill Hebenstreit	Marketing Manager, Goodrich Petroleum Company LLC	In Person
Keith Sappenfield	Regional Director – US Regulatory Affairs, EnCana Oil & Gas (USA) Inc.	Phone
Marty Patterson	Vice President – Commercial Operations, Foothills Energy Ventures LLC	
Pete Frost	Director - Regulatory Affairs, ConocoPhillips Gas and Power Marketing	
<b>WGQ PIPELINE SEGMENT</b>		
Cathie Legge	Manager – Customer Service, Alliance Pipeline LP	In Person
Bill Grygar	Vice President, Panhandle Eastern Pipe Line	In Person



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		ATTENDANCE
Susanna B. Barry	Vice President – Commercial Operations, Tennessee Gas Pipeline Company	In Person
Machelle Grim	Director – Regulatory Affairs ConocoPhillips Gas and Power Marketing	Phone
Richard Kruse	Senior Vice President, Spectra Energy Transmission	
<b>WGQ LOCAL DISTRIBUTION COMPANY (LDC) SEGMENT</b>		
Craig Colombo	Energy Trader III, Dominion Resources	Phone
Adrian Chapman	Vice President, Regulatory Affairs & Energy Acquisition, Washington Gas	Phone
Carlos Thillet	Manager, Gas Supply & Transportation, PECO Energy Co.	
Mike Novak	Asst. General Manager, National Fuel Gas Distribution Corporation	In Person
Lee Stewart	Senior Vice President, Gas Transmission, Southern California Gas Company	
<b>WGQ END USERS SEGMENT</b>		
Valerie Crockett	Senior Energy & Policy Specialist, Tennessee Valley Authority	In Person
Timothy W. Gerrish	Director of Origination-Energy Marketing and Trading, Florida Power & Light	
Tina Burnett	Natural Gas Resources Administrator, The Boeing Co.	
Lori-Lynn C. Pennock	Senior Fuel Supply Analyst, Salt River Project	In Person
Jim Templeton	Principal, Comprehensive Energy Services	In Person
<b>WGQ SERVICES SEGMENT</b>		
Steve Abbey	Manager of Regulatory Affairs, Marketing Department, Anadarko	
Rusty Brazil	Managing Director, Bentek Energy, LLC	
Jim Buccigross	Vice President Energy Industry Practice, 8760 Inc.	Phone
Lori Leeder	Relationship Manager/Business Development – Asset Optimization, Vega Energy Partners	In Person
<b>REQ SERVICE PROVIDERS/SUPPLIERS SEGMENT</b>		
Robert K. Koger	President, North Carolina Advanced Energy Corporation	
Jim Minneman	Controller, PPL Solutions LLC	Phone
J Cade Burks	President, EC Power	
Austin Morris	Managing Partner – Energy, Sungard Consulting Services, LLC	
<b>REQ UTILITIES SEGMENT</b>		
David Koogler	Director – State Regulation, Dominion Virginia Power	
Dennis Derricks	Director Regulatory Policy and Analysis, Wisconsin Public Service Corporation	Phone
Ruth Kiselewich	Director, Conservation Programs, Baltimore Gas & Electric Company	
Debbie McKeever	Market Advocate, Oncor	In Person
<b>REQ END USERS/PUBLIC AGENCIES SEGMENT</b>		
Sonny Popowsky	Consumer Advocate, Pennsylvania Office of Consumer Advocate	
James P. Cargas	Senior Assistant City Attorney, City of Houston	
<b>WEQ TRANSMISSION SEGMENT</b>		<b>SUB SEG:</b>
Dan Klempel	Director Transmission Regulatory Compliance, Basin Electric Power Cooperative	Muni/Coop
Chuck Feagans	Senior Manager, Reliability Policy, Tennessee Valley Authority	Fed/State/Prov. Phone
John E. Lucas	Director - Transmission Policy and Services, Southern Company Transmission	IOU In Person
Jill Horswell	Director Transmission, Southern California Edison	at large
Edward J. Davis	Policy Consultant, Entergy Services, Inc.	at large In Person
Michelle Mizumori	Market Interface Manager, Western Electricity Coordinating Council (WECC)	At-Large
<b>WEQ GENERATION SEGMENT</b>		
Curtis Winterfeld	Vice President of Power Marketing, Deseret Generation & Transmission Cooperative	Muni/Coop
Belinda Thornton	General Manager – Energy Origination, Tennessee Valley Authority	Fed/State/Prov.
Lou Oberski	Director – Electric Market Policy, Dominion Resources Services, Inc.	IOU In Person



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			ATTENDANCE
Charles W. Severance	Manager – Supply & Wholesale Services, Wisconsin Public Service Corporation	IOU	Phone
Gloria Godson	Vice President Energy Policy, Conectiv Energy Supply, Inc.	Merchant	
Shah Hossain	Senior Regulatory Specialist, Westar Energy, Inc.	at large	In Person
<b>WEQ MARKETERS/BROKERS SEGMENT</b>			
Roy True	Manager of Regulatory and Markets Development, ACES Power Marketing	Muni/Coop	In Person
Jeff Ackerman	Manager, Colorado River Storage Project Energy Management and Marketing Office, Western Area Power Administration	Fed/State/Prov.	
Jack Cashin	Senior Manager of Policy, Electric Power Supply Association (EPSA)	at large	
Sam Forrest	Vice President, Energy Marketing and Trading, Florida Power & Light	IOU	
R. Scott Brown	Vice President and Director, Exelon Generation Power Team	IOU	Phone
<b>WEQ DISTRIBUTION/LOAD SERVING ENTITIES (LSE) SEGMENT</b>			
Arthur G. Fusco	Vice President and General Counsel, Central Electric Power Cooperative Inc.	Muni/Coop	In Person
Paul McCurley	Manager – Power Supply, National Rural Electric Cooperative Association	Muni/Coop	
Frank Johnson	Senior Vice President Electric Transmission and Distribution, Consumers Energy	IOU	
Joe Hartsoe	Managing Director – Federal Policy, American Electric Power Service Corp.	at large	Phone
Bruce Ellsworth	New York State Reliability Council	At-Large	In Person
<b>WEQ END USERS SEGMENT</b>			
Jesse D. Hurley	Chief Executive Office, Shift Research , LLC	at large	In Person
Aaron Breidenbaugh	Senior Manager – Regulatory Affairs and Public Policy – New York, EnerNOC, Inc.		Phone
Thomas G. Dvorsky	Director of the Office of Electricity, Gas, and Water at the New York State Department of Public Service	Regulator	
Rick Lentz	Fellow with Sungard	at large	In Person
Michehl Gent	Open Access Technology International, Inc.	At-Large	In Person
<b>WEQ INDEPENDENT GRID OPERATORS/PLANNERS</b>			
Michael Desselle	Vice President Process Integrity, Southwest Power Pool		Phone
Kent Saathoff	Vice President of System Operations, ERCOT		Phone
Kevin Kirby	Vice President Market Operations, ISO New England, Inc.		Phone
Rana Mukerji	Vice President Market Structures, New York Independent System Operator, Inc. (NYISO)		
Andy Ott	Senior Vice President Marketing, PJM Interconnection		
Bill Phillips	Vice President Standards Compliance & Strategy, Midwest ISO (MISO)		In Person
Don Tench	Director Planning & Assessments, Independent Electricity System Operator (IESO)		Phone
<b>RGQ DISTRIBUTORS SEGMENT</b>			
Alonzo Weaver	Vice President of Engineering and Operations, Memphis Light, Gas & Water Division (APGA)		
Ralph Cleveland	Senior Vice President – Engineering and Operations, AGL Resources, Inc.		Phone
<b>RGQ SERVICE PROVIDERS/SERVICE PROVIDERS SEGMENT</b>			
Leigh Spangler	President, Latitude Technologies Inc.		In Person
Dave Darnell	President & CEO, Systrends USA		
Greg Lander	President, Capacity Center		
The WEQ subsegments noted in the above roster are:			
At-Large – Regional reliability organizations, regional transmission organizations, consultants, service companies, information services and software companies, law firms, and other such organizations		that are not specifically encompassed in the other subsegments for a given segment.	
		Competitive Retailer (not available to MUNI/COOP, IOU or IOU affiliates)	



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End Use (also in another segment)

Federal/State/Provincial

IOU – Investor Owned Utility or IOU Affiliated

ITC – Independent Transmission Company

Large Industrials (not in other segments)

Merchant

Muni/Coop – Municipals, Cooperatives

Not IOU Affiliated

OTHER – (not available to MUNI/COOP, IOU or IOU affiliates)

Regulator

Residential/Commercial

End Use (Self Generation)

The numbers of seats within each segment that are allotted to sub-segments are controlled through the WEQ Procedures.



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### 14. Other Attendance

Name	Organization	Attendance
Jonathan Booe	NAESB	In Person
Bill Boswell	NAESB	In Person
Kathryn Burch	Spectra Energy Transmission	In Person
Christopher Burden	Williams Gas Pipeline	In Person
James Culliton	NAESB	In Person
Cory Cummings	NAESB	In Person
Dale Davis	Williams Gas Pipeline	In Person
Mark Gracey	El Paso Gas Pipeline Company	In Person
Barry Green	Barry Green Consulting	In Person
Bill Griffith	El Paso Natural Gas	In Person
Alan Johnson	NRG Energy	Phone
Iris King	Dominion	Phone
Annabelle Lee	NIST	Phone
Rick Lisenbe	Self Employed	In Person
Bruce McAllister	FERC	Phone
Susan Munson	ERCOT	Phone
Sylvia Munson	ERCOT	In Person
Rae McQuade	NAESB	In Person
Shawntae Nix	Spectra Energy	In Person
Joelle Ogg	Brunenkant & Cross, LLP	In Person
Denise Rager	NAESB	In Person
Andy Rodriguez	NERC	In Person
Lisa Simpkins	Constellation Energy Resources	Phone
Ed Skiba	Midwest ISO	In Person
Veronica Thomason	NAESB	In Person
Ronald Tomlinson	Dominion	In Person
Kim Van Pelt	Panhandle Eastern Pipeline	In Person
Jill Vaughn	Preferred Legal Services	In Person
Eric Winkler	ISO New England	Phone
Darla Wishart	NAESB	In Person
Charles Yeung	SPP	In Person
Kathy York	Tennessee Valley Authority	In Person
Randy Young	Boardwalk Pipelines, LP	Phone



# North American Energy Standards Board

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## NORTH AMERICAN ENERGY STANDARDS BOARD

2010 Annual Plan for the Wholesale Gas Quadrant as Approved by the Board of Directors on 12-10-09

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>1. Gas-Electric Interdependency</b>		
Respond to directives of <a href="#">FERC Order No. 698 issued 6-25-07</a> , Docket Nos. <a href="#">RM05-5-001 and RM96-1-027</a> as related to the NAESB reports submitted in Docket No. <a href="#">RM05-28-000</a> :		
a. Provide for Enhanced Granularity for Public Utilities in Identifying Critical Operational Flow Orders. ( <a href="#">R08020</a> ) Status: Underway	4th Q, 2009	BPS, IR/Tech jointly with WEQ BPS
<b>2. Promotion of a More Efficient Capacity Release Market</b>		
Review FERC Order Nos. 712 and 712A and modify NAESB standards as appropriate ( <a href="#">Docket Nos. RM08-1-000, RM08-1-001</a> ).		
a. Review recent FERC order on flow-through of Discounted or Negotiated Rates (RP09-70 et al, October 15, 2009) and develop business practice standards as appropriate Status: Not Started	2 <sup>nd</sup> Q, 2010	BPS/Interpretations
<b>3. Capacity Release EDI Review</b>		
Review capacity release transactions upload and related responses to determine suitability for EDI		
a.. Develop Business Practice Standards as appropriate Status: Underway	4 <sup>th</sup> Q, 2009	BPS
b. Prepare fully staffed recommendation Status: Not Started (Adjustments may be made to Completion Dates based on report from Item 3.a)	3 <sup>rd</sup> Q, 2010	BPS, IR/Technical
<b>4. Customer Security Administration</b>		
Review and develop standards as appropriate to support Customer Security Administration Standards ( <a href="#">Comment Submittal, 10-29-07</a> ) Status: Not started (Scoping to take place 1 <sup>st</sup> Q, 2010 after which a Completion Date will be set)	2010	BPS
<b>5. Electronic Delivery Mechanisms</b>		
Review minimum technical characteristics in Appendices B, C, and D of the WGQ QEDM Manual, and make changes as appropriate. Status: Not Started	3 <sup>rd</sup> Q, 2010	EDM
<b>6. FERC Strategic Plan FY2009-2014</b>		
a. For the <a href="#">FERC Strategic Plan</a> , under the section “Promote efficient design and operation of natural gas facilities”, review and develop standards as needed to support EBB posting requirements regarding waste heat feasibility (NAESB Standard No. 4.2.23)	2010	BPS
<b>7. Common Codes</b>		
a. Review common code specifications for common location codes and determine if changes are necessary to the existing specifications to support both intrastate and interstate pipelines	4 <sup>th</sup> Q, 2010	BPS



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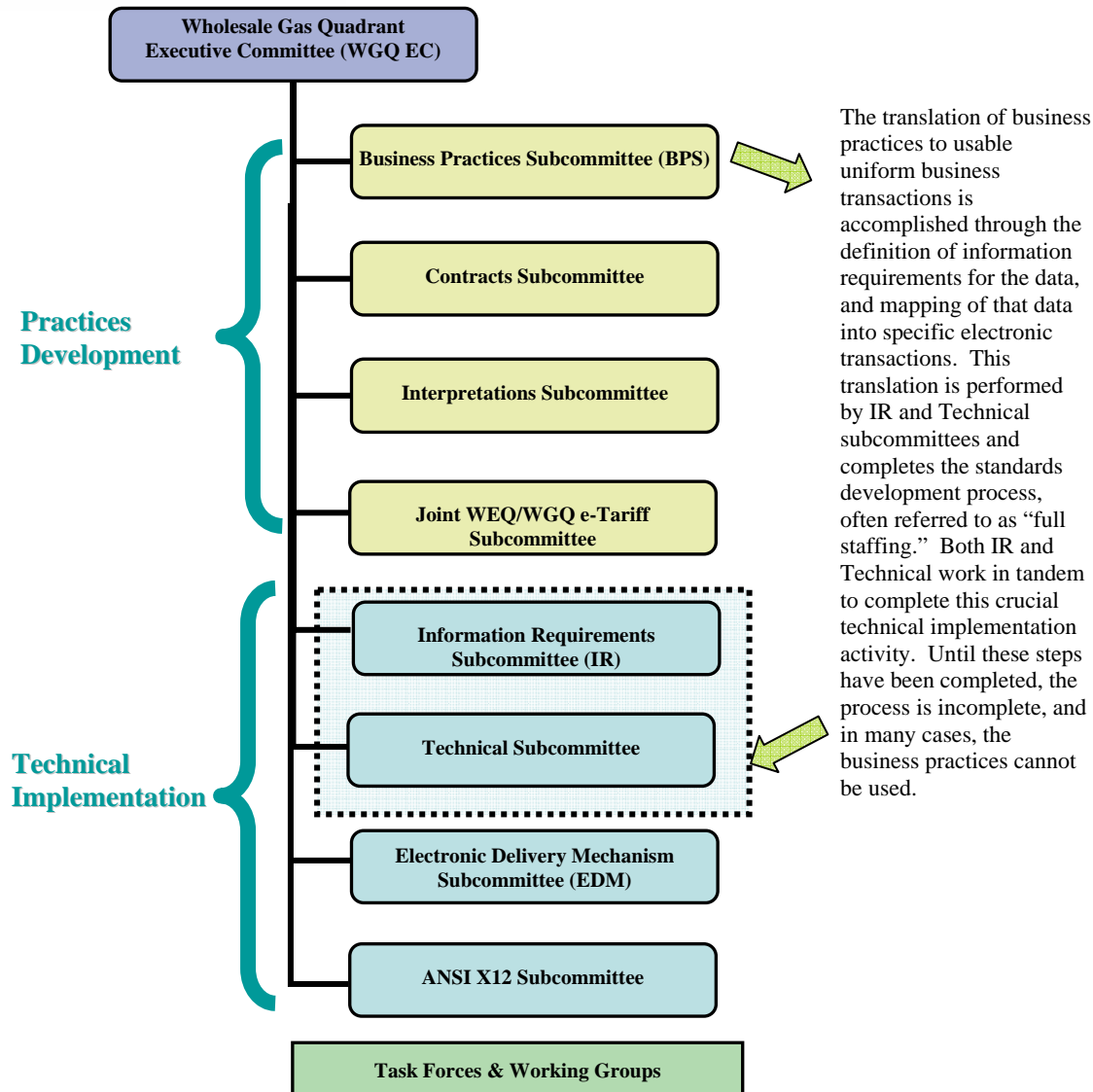
### NORTH AMERICAN ENERGY STANDARDS BOARD

2010 Annual Plan for the Wholesale Gas Quadrant as Approved by the Board of Directors on 12-10-09

Item Description	Completion <sup>1</sup>	Assignment <sup>2</sup>
<b>Program of Standards Maintenance &amp; Fully Staffed Standards Work</b>		
Business Practice Requests	Ongoing	Assigned by the EC <sup>3</sup>
Continue review against plan for migration to ANSI ASC X12 new versions as needed and coordinate such activities with DISA.	Ongoing	ANSI X12 Subcommittee
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC <sup>3</sup>
Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC <sup>3</sup>
Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC <sup>3</sup>
Maintenance of Contracts Standards	As Requested	Contracts Subcommittee
Maintenance of eTariff Standards	As Requested	Assigned by the EC <sup>3</sup>
<b>Provisional Activities</b>		
1	Review and develop standards as needed, related to Docket No. <a href="#">RM09-2-000</a> , (Contract Reporting Requirements of Intrastate Natural Gas Companies).	
2	Review and develop standards as needed related to the <a href="#">FERC Strategic Plan 2009-2014</a>	

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## NAESB 2010 WGQ EC and Subcommittee Leadership:

Executive Committee: Jim Buccigross, Chair and Mike Novak, Vice-Chair  
 Business Practices Subcommittee: Kim Van Pelt, Valerie Crockett, Steve Abbey and Richard Smith  
 Information Requirements Subcommittee: Dale Davis  
 Technical Subcommittee: Mike Stender, Kim Van Pelt  
 Contracts Subcommittee: Keith Sappenfield  
 Electronic Delivery Mechanism Subcommittee: Leigh Spangler, Christopher Burden  
 Interpretations Subcommittee: Paul Love  
 Joint WEQ/WGQ e-Tariff Subcommittee: Keith Sappenfield, Jane Daly



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### End Notes, WGQ 2010 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> The EC assigns maintenance of existing standards on a request-by-request basis.



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**NORTH AMERICAN ENERGY STANDARDS BOARD  
2010 ANNUAL PLAN for the RETAIL GAS and ELECTRIC QUADRANTS  
As Approved by the NAESB Board of Directors on December 10, 2009**

Item Number & Description <sup>1</sup>	Completion <sup>2</sup>	Assignment <sup>34</sup>
1. Develop Technical Electronic Implementation Standards and Data Dictionaries – Book 10: Customer Enrollment, Drop and Account Information Change (Non Texas Model)		
a.. For the Non-Texas Registration Agent Model Status: Not Started for non-Texas Registration Agent	4 <sup>th</sup> Q, 2010	TEIS
2. Develop NAESB Certification checklist criteria for Retail Quadrants to be used in the NAESB Certification Program. Status: Not Started. Dependent upon publication of Version 1.1 at a minimum, but more dependent upon completion of Customer Choice efforts.	2 <sup>nd</sup> Q, 2010	Ad Hoc EC Certification Group
3. 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. The wholesale and retail demand response work groups and the Smart Grid task force should actively and timely communicate and coordinate work products to ensure consistency between the three work groups. Each work group should take into account the work products developed by the other.		Joint WEQ/REQ DSM Subcommittee
a. Develop glossary for business practice standards Status: Ongoing	Ongoing	Joint WEQ/REQ DSM Subcommittee
b. Develop business practice standards used to measure and verify reductions in energy and demand from energy efficiency in wholesale and retail markets. <sup>5</sup> This includes developing 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: Underway (An estimated completion date will be established in 1 <sup>st</sup> Q, 2010 after the new subcommittee has been formalized)	2010	Joint WEQ/REQ DSM-EE Subcommittee
c. Support the second phase of retail development of model business practice standards for demand response programs Status: Not started (noted as provisional in WEQ 2010 AP)	2010	REQ Section of the Joint WEQ/REQ DSM Subcommittee
4. Billing and Payments		
a. Develop Process Flows to be included as models in book 3 – billing and payments Status: Underway	2 <sup>nd</sup> Q, 2010	BPS
b. If the development of Process Flows indicate a gap in the model business practices, then develop new model business practices to address the gap. Status: Underway	2 <sup>nd</sup> Q, 2010	BPS



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<b>Item Number &amp; Description<sup>1</sup></b>	<b>Completion<sup>2</sup></b>	<b>Assignment<sup>34</sup></b>
5. Model Business Practices User Guide Add a new section to Book 0 to describe what Books have been developed, how the Books are laid out, and revised the title of the Book to reflect the additions Status: Started	3 <sup>rd</sup> Q, 2010	BPS
6. Additional Registration Agent Processes		
a. Review all existing Model Business Practices to determine if the Customer Information process is already covered, and if necessary develop any new Model Business Practices required Status: Underway	1 <sup>st</sup> Q, 2010	BPS
b. Review all existing Model Business Practices to determine if the disconnection and reconnection process is already covered, and if necessary develop any new Model Business Practices required. Status: Underway		
i. Create MBPs for disconnection/reconnection initiated by the supplier Status: Underway	4 <sup>th</sup> Q, 2009	BPS
ii. Create MBPs for disconnection/reconnection initiated by the distribution company Status: Underway	2 <sup>nd</sup> Q, 2010	BPS
7. Supplier Certification Review Book 1 – Market Participant Interactions to determine if Supplier Certification is fully covered, and if necessary develop any new Model Business Practices required with the potential of moving all related Model Business Practices to a new Book Status: Not Started	4 <sup>th</sup> Q, 2010	BPS
8. Supplier Marketing Practices Develop Model Business Practices providing for a “Consumer Disclosure Statement” to be presented to residential and small commercial customers describing the Supplier’s service offering and related contract provisions. This statement would also identify how certain Supplier-Customer interactions are conducted. Amongst the topics to be considered for inclusion on the statement would be the following: <ul style="list-style-type: none"><li>• the most important terms of the Supplier agreement, such as the contract’s term and termination fee provisions;</li><li>• training and identification of Supplier marketing representatives;</li><li>• protocols for Supplier in-person and telephone contacts with customers;</li><li>• added measures for protecting non-English speaking customers; and</li><li>• Processes for handling customer complaints and resolving disputes arising from Supplier marketing activities.</li></ul> Status: Not Started	4 <sup>th</sup> Q, 2010	BPS
9. Develop Smart Grid Wholesale and Retail Electric Standards		
a. Develop Requirements and Use Cases for PAP 03 – Pricing Model	1 <sup>st</sup> Q, 2010	Joint WEQ/REQ SGS Task Force
b. Develop Requirements and Use Cases for PAP 04 – Scheduling Model	1 <sup>st</sup> Q, 2010	Joint WEQ/REQ SGS Task Force



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**NORTH AMERICAN ENERGY STANDARDS BOARD  
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Item Number & Description <sup>1</sup>	Completion <sup>2</sup>	Assignment <sup>34</sup>
c. Develop Requirements and Use Cases for PAP 09 – Demand Response/Distributed Energy Resources	1 <sup>st</sup> Q, 2010	Joint WEQ/REQ SGS Task Force
d. Act as a convener (develop and implement a plan to expedite harmonized standards development and adoption within the associated standards bodies) and develop business practice standards as needed and assigned to NAESB for PAP 10 – Standard Energy Usage Information Status: Not Started	2010	Joint WEQ/REQ SGS Task Force
10. Additional Registration Agent Model Processes		
a. Review all existing Model Business Practices to determine if there are other Registration Agent Model processes not covered, and develop a prioritized list of those processes, if any.	3 <sup>rd</sup> Q, 2010	BPS
b. Develop Model Business Practices and Process Flows for those Registration Agent Model processes on the prioritized list developed in (a) above, if any.	4 <sup>th</sup> Q, 2010	BPS
c. Develop Technical Electronic Implementation Standards and Data Dictionaries to support Model Business Practices of Book 14 – Service Requests, Disconnections and Reconnections in the registration Agent Model	2 <sup>nd</sup> Q, 2010	IR/TEIS
d. Develop Technical Electronic Implementation Standards and Data Dictionaries to support any Model Business Practices developed in (b) above	4 <sup>th</sup> Q, 2010	IR/TEIS
11. Master List of Defined Terms: Review the definitions of all Defined Terms in Book 0 – Master List of Defined Terms, including other Ratified Terms not yet published, and revise the definitions of all Defined Terms not specifically related solely to the competitive marketplace to broaden their applicability to conform to NAESB’s expanded scope.	2 <sup>nd</sup> Q, 2010	Glossary

**Program of Standards Maintenance & Fully Staffed Standards Work<sup>6</sup>**

Business Practice Requests	Ongoing	Assigned by the EC
Information Requirements and Technical Mapping of Business Practices	Ongoing	Assigned by the EC
Ongoing Interpretations for Clarifying Language Ambiguities	Ongoing	Assigned by the EC
Ongoing Maintenance of Code Values and Other Technical Matters	Ongoing	Assigned by the EC
Ongoing Development and Maintenance of Definitions	Ongoing	Glossary

**Provisional Activities**

**Joint Effort:**

Supplier Certification: Develop practices for Distribution Companies to register/certify new Suppliers when they seek to begin doing business in the Distribution Company’s service area.

Modify TPA as necessary.

Review security standards as may be deemed necessary, such as Public Key Infrastructure (PKI).



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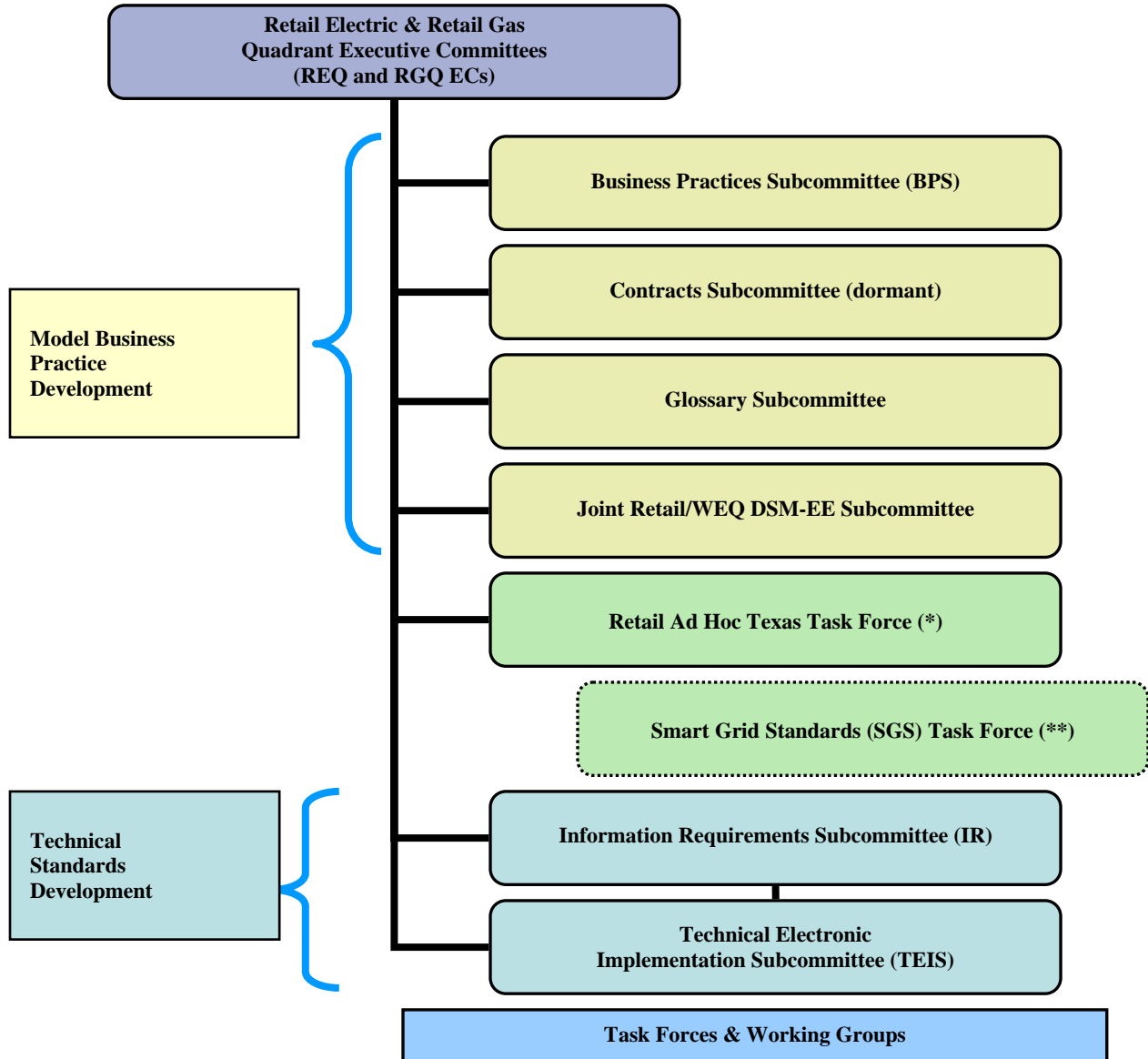
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Item Number & Description <sup>1</sup>	Completion <sup>2</sup>	Assignment <sup>34</sup>
Review existing body of model business practices for consistency and develop or modify model business practices as needed.		
<b>Retail Electric Quadrant Effort Only:</b>		
Retail Meter Data Validation, Editing & Estimating: Develop procedures for insuring the integrity and validity of retail customer metering data that is needed by utilities and suppliers for billing, etc. Issues related to unbundled or competitive metering are not to be considered.		
Settlement Process: Reconcile energy schedules and energy delivered by suppliers within a given market. Note: will need to be coordinated with the WEQ for the REQ.		
Develop business practice standards for cap and trade programs for green house gas (See action item 6h).		
<b>Retail Gas Quadrant Effort Only:</b>		
Examine Wholesale Gas Quadrant Non-EDM Standards for applicability to retail business practices.		
Settlement Process: Reconcile energy schedules and energy delivered by suppliers within a given market.		



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**NAESB Retail Subcommittee Leadership:** <sup>7</sup>

- Executive Committee: Mike Novak, Chair (RGQ), Ruth Kiselewich, Chair (REQ)
- Business Practices Subcommittee: Phil Precht (RGQ), Mary Edwards and Dan Jones (REQ)
- Information Requirements Subcommittee: Jennifer Teel (REQ)
- Technical Electronic Implementation Subcommittee: TBD
- Glossary Subcommittee: Don Sytsma (RGQ), Mary Edwards and Patrick Eynon (REQ)
- DSM-EE Subcommittee: Ruth Kiselewich, David Koogler (REQ), Roy True (WEQ), and Paul Wattles (WEQ)
- Retail Ad Hoc Texas Task Force: Debbie McKeever (REQ) and Susan Munson (REQ)

(\*) The Retail Ad Hoc Texas Task Force may draft MBPs, process flows, implementation guides and technical standards supportive of the Registration Agent. The group is chaired by Debbie McKeever and Susan Munson.

(\*\*) The Smart Grid Task Force is a joint group of the retail electric and wholesale electric quadrants with other standards development groups such as OASIS, CalConnect, FIX and UCAIug, and includes other groups. Direction may be given from NIST, DoE or FERC and the group reports to the NAESB Board Smart Grid Strategic Steering Committee. The group is chaired by Brent Hodges, Wayne Longcore, Joe Zhou and Robert Burke.



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### Retail 2010 Annual Plan End Notes:

<sup>1</sup> As outlined in the NAESB Bylaws, the REQ and RGQ will also address requests submitted by members and assigned to the REQ and RGQ through the Triage Process.

<sup>2</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>3</sup> The assignments are abbreviated. The abbreviations and committee structure can be found at the end of the annual plan document.

<sup>4</sup> The DSM-EE subcommittee is expected to be split into several separate subcommittees to support concurrent development of separate standards sets. The split is to take place at the end of May after which the assignments will be modified.

<sup>5</sup> Energy efficiency may be a wholesale product, such as capacity. Energy efficiency in retail markets may be from individual energy efficiency measures at the project level or a portfolio of projects that make up an energy efficiency program.

<sup>6</sup> This work is considered routine maintenance and thus the items are not separately numbered. The REQ and RGQ ECs will assign maintenance efforts on a request-by-request basis.

<sup>7</sup> The ECs and the subcommittees can create task forces and working groups to support their development activities for development of model business practices and technical standards.



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December 10, 2009

**TO:** NAESB Executive Committee  
**FROM:** Rae McQuade  
**RE:** Schedule of 2010 Meetings

Below is the schedule of 2010 meetings for the Board of Directors, Advisory Council and Executive Committee.

### 2010 Calendar of Board and Advisory Council Meetings

Date	Meeting	Location
February 13	Advisory Council Meeting	Washington D.C. – Renaissance Washington Hotel (in conjunction with NARUC Winter Meeting)
March 25	Board of Directors	Houston – Marriott IAH
June 24	Board of Directors	Houston – Marriott IAH
September 23	Board of Directors, Meeting of the Members and Strategic Session	Houston – Marriott IAH
December 9	Board of Directors	Houston – Marriott IAH

### 2010 Calendar of Executive Committee Meetings

Date	Meeting	Location
February 2-4	Executive Committee (WEQ, Retail, WGQ)	Phoenix, AZ hosted by Salt River Project
May 4-6	Executive Committee (WEQ, Retail, WGQ)	Harrisburg, PA hosted by the Pennsylvania PUC
August 17-19	Executive Committee (WEQ, Retail, WGQ)	Colorado Springs, CO hosted El Paso Western Pipeline
October 26-28	Executive Committee (WEQ, Retail, WGQ)	Glen Allen, VA hosted by Dominion

The Retail Executive Committee meetings will be held by conference call and web cast unless otherwise determined by the retail leadership. The Wholesale Gas Executive committee meetings may be changed to only be held as a conference call/web cast dependent on the agenda items.